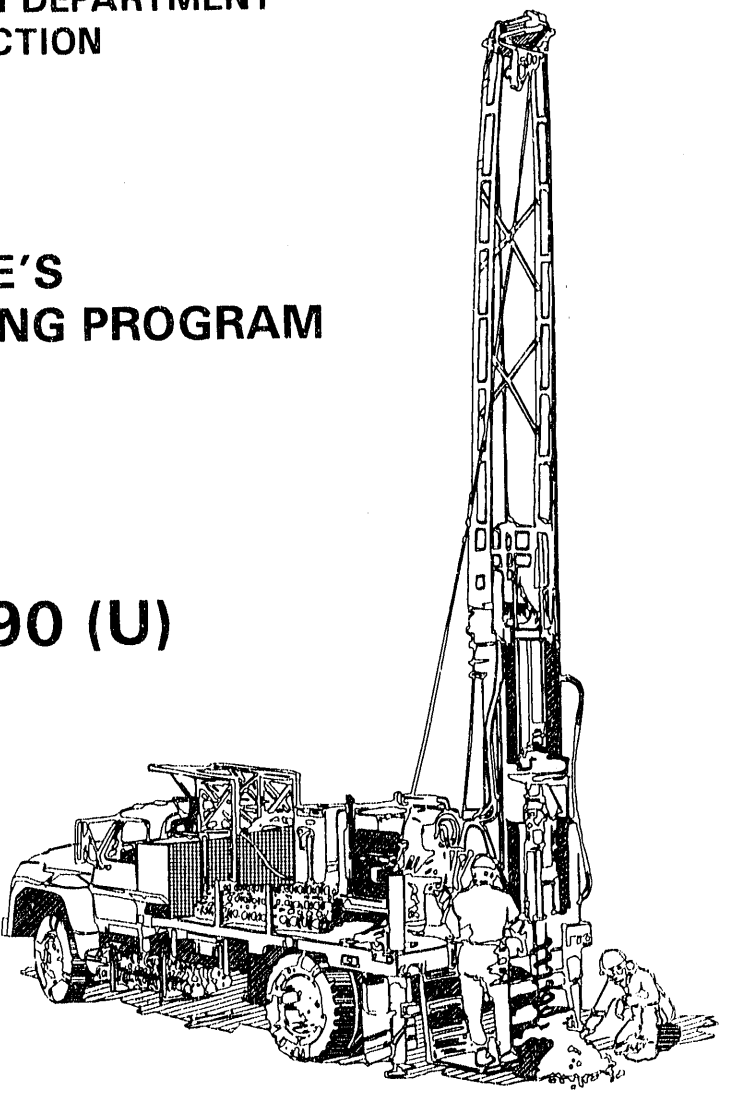
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THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM

THIRD QUARTER 1990 (U)



Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

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Third Quarter at a Glance . . .

Executive Summary—table of all analytes detected at or above Flag 2 criteria
Corrections—omissions and corrections to previous quarterly reports
Well Abandonment—wells abandoned during the quarter
Well Maintenance—wells repaired during the quarter
Well Construction—description of newly installed monitoring wells
Environmental Soil Borings—new environmental soil borings
Surveying—elevations and SRS grid coordinates for new wells
Sample Scheduling—description of the sampling schedule
Sample Collection—comments from the field-data books
Sample Analyses—discrepancies in each laboratory's analytical data and methods used by the primary laboratories
Quality Control Samples—discussion of the replicate analysis program, the accuracy of analyses results from the primary laboratories, and the analytical results of laboratory tests on blanks
Flagging Criteria—flagging criteria for analytes
Drinking Water Data—results of drinking water analyses at SRS
Analytical Results—tables listing all analytical results and field data
Water-Level Data—field data obtained for a special A/M Areas project

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THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM

THIRD QUARTER 1990 (U)

Environmental Protection Department
Westinghouse Savannah River Company
Aiken, SC

and

Exploration Resources, Inc.
Athens, GA

Publication Date: May 6, 1991

MASTER

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

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EXECUTIVE SUMMARY

The Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) administers the Savannah River Site's (SRS) Groundwater Monitoring Program. During third quarter 1990 (July through September) 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. The flagging criteria are based on detection limits, background levels in SRS groundwater, and drinking water standards. An explanation of flagging criteria for the third quarter is presented in the **Flagging Criteria** section of this document.

All analytical results from third quarter 1990 are listed in this report, which is distributed to all site custodians. One or more analytes exceeded Flag 2 in 87 monitoring well series. Analytes exceeded Flag 2 for the first time since 1984 in 14 monitoring well series.

Those sites with constituents in the groundwater above Flag 2 in third quarter 1990 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.)

In addition to groundwater monitoring, EPD/EMS collected drinking water samples from SRS drinking water systems supplied by wells. The EPD/EMS Laboratory (Building 735-A) analyzed the drinking water samples for radioactive constituents. Gross alpha exceeded Flag 1 (5 pCi/L) at Talatha Gate (5.64 pCi/L on 8/14/90), 221-F Building (5.87 pCi/L on 7/9/90), and 704-H Building (7.2 pCi/L on 9/6/90).

EXECUTIVE SUMMARY

Table 1. Analytes Above Flag 2 Criteria

Site	Well Series	Analytes Above Flag 2 Criteria Third Quarter 1990
100 AREAS		
C Area		
C-Area Burning/Rubble Pit	CRP	Chromium, lead, pH, tetrachloroethylene, total organic halogens, trichloroethylene, tritium
C-Area Disassembly Basin	CDB	Lead, manganese, tritium
C-Area Reactor Seepage Basins	CSB	Copper, lead, manganese, pH, total organic halogens, trichloroethylene, tritium
K Area		
K-Area Acid/Caustic Basin	KAC	Iron, lead, manganese, pH, selenium, sulfate, total radium
K-Area Ash Basin	KAB	Iron, manganese, total radium
K-Area Burning/Rubble Pit	KRP	Lead, manganese, tetrachloroethylene, total organic halogens, trichloroethylene
K-Area Coal Pile Runoff Containment Basin	KCB	Iron, manganese, selenium, total radium
K-Area Diesel Tank	KDT	Manganese, tritium
K-Area Disassembly Basin	KDB	Lead, manganese, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
K-Area Reactor Seepage Basin	KSB	Tetrachloroethylene, total organic halogens, trichloroethylene, tritium
K-Area Retention Basin	KRB	Lead, tritium
L Area		
L-Area Acid/Caustic Basin	LAC	Copper, lead, pH, tetrachloroethylene, trichloroethylene
L-Area Burning/Rubble Pit	LRP	**Carbon tetrachloride**, lead, 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 Third Quarter 1990
100 AREAS (cont.)		
L Area (cont.)		
L-Area Disassembly Basin	LDB	Lead, total organic halogens
L-Area Oil and Chemical Basin	LCO	Manganese, mercury, nonvolatile beta, pH, sulfate, tetrachloroethylene, total organic halogens, trichloroethylene, tritium
L-Area Reactor Seepage Basin	LSB	Tritium
P Area		
P-Area Acid/Caustic Basin	PAC	Iron, manganese, sulfate
P-Area Burning/Rubble Pit	PRP	Lead, manganese, tetrachloroethylene, total organic halogens, 1,1,1-trichloroethane, trichloroethylene, tritium
P-Area Coal Pile Runoff Containment Basin	PCB	Chromium, iron, lead, manganese, nickel, sulfate
P-Area Disassembly Basin	PDB	Lead, tritium
P-Area Reactor Seepage Basins	PSB	Copper, lead, nitrate as nitrogen, tritium
R Area		
R-Area Acid/Caustic Basin	RAC	Lead, manganese, total radium
R-Area Burning/Rubble Pits	RRP	Iron
R-Area Disassembly Basin	RDB	Iron, manganese, tritium
Series D, Between R-Area Reactor Seepage Basins and R-Area Disassembly Basin	RSD	Nonvolatile beta
Series E, R-Area Reactor Seepage Basins	RSE	Nonvolatile beta
Series F, R-Area Reactor Seepage Basins	RSF	pH

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 Third Quarter 1990
200 AREAS		
F Area		
Burma Road Rubble Pit	BRR	Iron, **lead**, manganese, tritium
F-Area Acid/Caustic Basin	FAC	**Iron**, manganese, mercury, pH, total radium
F-Area A Line	FAL	Lead, manganese, total organic halogens, trichloroethylene
F Area and H Area	ZW	Tritium
F-Area Burning/Rubble Pits	FBP	Carbon tetrachloride, tetrachloroethylene, total organic halogens, trichloroethylene
F-Area Canyon Building	FCA	Gross alpha, iron, lead, manganese, nonvolatile beta, strontium-89/90, total organic halogens, total radium, trichloroethylene, tritium
F-Area Coal Pile Runoff Containment Basin	FCB	Iron, total radium
F-Area Seepage Basins	F	Gross alpha, nonvolatile beta, tritium
F-Area Seepage Basins	FSB	**Aluminum**, barium, cadmium, chromium, copper, gross alpha, iron, lead, mercury, manganese, nitrate as nitrogen, nonvolatile beta, pH, tetrachloroethylene, total radium, trichloroethylene, tritium
F-Area Sludge Land Application Site	FSS	Lead, manganese, tritium
F-Area Tank Farm	FTF	Gross alpha, nonvolatile beta, pH, total radium
Old F-Area Seepage Basin	FNB	Gross alpha, iron, manganese, nitrate as nitrogen, nonvolatile beta, pH, total organic halogens, total radium, trichloroethylene, tritium
Wells Between the F-Area Canyon Building and the Naval Fuel Material Facility	NBG	Iron, lead, manganese, nitrate as nitrogen, nonvolatile beta, total organic halogens, 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 Third Quarter 1990
200 AREAS (cont.)		
H Area		
H-Area Acid/Caustic Basin	HAC	Manganese, mercury, sulfate, tritium
H-Area Canyon Building	HCA	Lead, tetrachloroethylene, trichloroethylene, tritium
H-Area Coal Pile Runoff Containment Basin	HCB	Cadmium, chromium, copper, gross alpha, iron, lead, manganese, pH, selenium, sulfate, total radium, tritium
H-Area Effluent Treatment Cooling Water Basin	HET	Tritium
H-Area Retention Basin	HR8	Gross alpha, manganese, nitrate as nitrogen, total radium, tritium
H-Area Seepage Basins	H	Gross alpha, nonvolatile beta, tritium
H-Area Seepage Basins	HSB	Aluminum, arsenic, cadmium, copper, gross alpha, iron, lead, manganese, mercury, nitrate as nitrogen, nonvolatile beta, pH, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
H-Area Sludge Land Application Site	HSS	Lead, **pH**
H-Area Tank Farm	HTF	cadmium, chromium, gross alpha, lead, mercury, total radium, tritium
Old H-Area Retention Basin	HR3	Tritium
S Area		
S-Area Defense Waste Processing Facility Background Wells	SBG	Lead, total organic halogens, trichloroethylene, tritium,
Y Area		
Y-Area Waste Solidification and Disposal Facility	YSC	pH

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 Third Quarter 1990
200 AREAS (cont.)		
Z Area		
Z-Area Saltstone Facility Background Wells	ZBG	**Tetrachloroethylene**
Z-Area Low Point Drain Tank	ZDT	**Trichloroethylene,** tritium
300/700 AREAS		
A-Area Burning/Rubble Pits	ARP	Tetrachloroethylene, total organic halogens, trichloroethylene
A-Area Cluster Perimeter Wells and M-Area Plume Definition Wells	AC	pH
A-Area Coal Pile Runoff Containment Basin	ACB	Gross alpha, manganese, nonvolatile beta, total radium, trichloroethylene
A-Area Metals Burning Pit	ABP	pH, tetrachloroethylene, total organic halogens, trichloroethylene
M-Area Hazardous Waste Management Facility (HWMF) and Plume Definition Wells	MSB	Aluminum, carbon tetrachloride, cadmium, chromium, gross alpha, iron, lead, mercury, manganese, nitrate as nitrogen, nonvolatile beta, pH, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, **tritium,** zinc
M-Area Recovery Wells (also used for plume definition)	RWM	Carbon tetrachloride, nitrate as nitrogen, tetrachloroethylene, total organic halogens, total radium, trichloroethylene
Metallurgical Laboratory Seepage Basin	AMB	Iron, manganese, pH, tetrachloroethylene, total organic halogens, total radium, trichloroethylene
Miscellaneous Chemical Basin	MCB	Barium, carbon tetrachloride, lead, manganese, nonvolatile beta, pH, tetrachloroethylene, total organic halogens, total radium, trichloroethylene
Motor Shop Oil Basin	AOB	Tetrachloroethylene, total organic halogens, 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 Third Quarter 1990
300/700 AREAS (cont.)		
Savannah River Laboratory (SRL) Seepage Basins	ASB	Mercury, pH, tetrachloroethylene, total organic halogens, trichloroethylene, tritium
Silverton Road Waste Site	SRW	Carbon tetrachloride, **chloroform**, lead, total organic halogens, trichloroethylene
400 AREA		
D Area		
D-Area Burning/Rubble Pits	DBP	Iron, manganese
D-Area Coal Pile Runoff Containment Basin and Ash Basins	DCB	Aluminum, arsenic, beryllium, cadmium, chromium, fluoride, gross alpha, iron, lead, manganese, nickel, nonvolatile beta, pH, selenium, sulfate, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium, zinc
D-Area Oil Disposal Basin	DOB	Iron, manganese, tetrachloroethylene, total organic halogens, trichloroethylene
600 AREAS		
Burial Grounds		
Burial Grounds	BG	Gross alpha, **iron**, lead, pH, manganese, nonvolatile beta, tritium
Burial Grounds Perimeter Wells	BGO	Aluminum, carbon tetrachloride, chloroform, gross alpha, iron, lead, manganese, nonvolatile beta, pH, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
Series C, Monitoring Grid Wells for Burial Grounds	MGC	Gross alpha, nonvolatile beta, tritium
Series E, Monitoring Grid Wells for Burial Grounds	MGE	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 Third Quarter 1990
600 AREAS (cont.)		
Central Shops Area		
Central Shops Burning/Rubble Pit South of the Ford Building Seepage Basin	CBR	**Nonvolatile beta**
Central Shops Diesel Spill Characterization and Remediation Wells	CSD	Mercury, pH, total organic halogens
Fire Department Training Facility	CSO	Tritium
General Areas		
Chemicals, Metals, and Pesticides (CMP) Pits	CMP	Iron, lead, manganese, pH, tetrachloroethylene, trichloroethylene
Interim Waste Technology Site Characterization Wells, Site B	IDB	Aluminum, iron, pH
Interim Waste Technology Site Characterization Wells, Site P	IDP	Aluminum, iron, pH
Interim Waste Technology Site Characterization Wells, Site Q	IDQ	Aluminum, iron, manganese, pH
Road A Chemical Basin (Baxley Road)	BRD	**Copper**, lead
Sanitary Landfill	LFW	Gross alpha, iron, manganese, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
Sewage Sludge Application Sites	SSS	Gross alpha, iron, manganese, total radium
TNX		
New TNX Seepage Basin	YSB	**Mercury**
Old TNX Seepage Basin	XSB	Carbon tetrachloride, iron, mercury, nitrate as nitrogen, total organic halogens, 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 Third Quarter 1990
600 AREAS (cont.)		
TNX (cont.)		
TNX-Area Assessment Wells	TNX	Carbon tetrachloride, iron, manganese, nitrate as nitrogen, tetrachloroethylene, total organic halogens, total radium, trichloroethylene
TNX-Area Background Wells	P	Iron
TNX Burying Ground	TBG	Carbon tetrachloride, gross alpha, iron, manganese, mercury, nitrate as nitrogen, **silver**, tetrachloroethylene, total organic halogens, total radium, trichloroethylene

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

NOTES

INTRODUCTION

This report summarizes the SRS groundwater monitoring program conducted by EPD/EMS in the third quarter of 1990. It includes the analytical data, field data, well activity data, 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 at SRS. 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 schedule
- 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 gives 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 **Corrections** section lists omissions and corrections to previous quarterly reports.

The next three sections concern the physical state of monitoring wells. The **Well Abandonment** section lists wells that were abandoned during the quarter, their SRS grid coordinates, the date each well was abandoned, and a short description of why each well was abandoned. The **Well Maintenance** section lists wells that were repaired during the quarter, the repairs made, and the date of the repairs. The **Well Construction** section lists newly installed monitoring wells, describes the construction of each well, and discusses drilling and lithologic sampling techniques.

New monitoring wells are pumped to determine how many well volumes must be evacuated to stabilize the chemistry of the water, and the results of these tests are listed in the **Well Stabilization** section. The **Environmental Soil Borings** section contains drilling and sampling methods, completion dates, and depths of environmental soil borings drilled during the quarter. The elevations and SRS grid coordinates for new wells are given in the **Surveying** section.

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.

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 three offsite laboratories. A select number of replicate samples are analyzed by two offsite laboratories, metaTRACE and General Engineering, as part of the EPD/EMS quality control program. The **Sample Analysis** 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, samples in which the rinsewater may have been contaminated, and samples that were held past the allowable holding time. The **Analytical Methods** subsection lists the methods that metaTRACE, General Engineering, and Teledyne Isotopes laboratories used for measuring concentrations of each analyte.

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 **Blanks** subsection lists analytical results of laboratory tests on rinsewater to determine if contaminants were in the rinsewater, in sample containers, or introduced during analysis. 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 **Flagging Criteria** section lists flagging criteria for analytes and provides short descriptions of how the criteria were derived. Drinking water from numerous areas within SRS and the surrounding area is analyzed for contaminants at the EPD/EMS Laboratory. The results are listed in the **Drinking Water Data** section. 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. References cited in this and previous quarterly reports are listed in the **References** section. A glossary of abbreviations and acronyms used in this report can be found in the **Glossary** 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
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

INTRODUCTION

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
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 EPD-EMS-90-0155.

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.

CORRECTIONS

CORRECTIONS TO THE FIRST QUARTER 1990 REPORT (ESH-EMS-90-0131)

The carbonate value for MSB 39D (sample date 1/14/90) in the **Analytical Results** section should have been <1,000 μg/L for General Engineering.

Some of the analytical results from the EPD/EMS Laboratory in the **Analytical Results** section were missing. The missing EPD/EMS Laboratory results are listed in Table 2.

Table 2. Missing Analytical Results From the EPD/EMS Laboratory for First Quarter 1990

Well	Sample Date	Analyte	Result
BG 91	03/11/90	Total activity	−35 ±50 pCi/mL
BG 122	03/11/90	Total activity	−4.4 ±50 pCi/mL
F 24	02/21/90	Gross alpha	−0.10 ±0.20 pCi/L
FCA 2D	03/08/90	Strontium-89/90	−0.31 ±1.2 pCi/L
FTF 12	02/21/90	Gross alpha	−1.7 ±3.1 pCi/L
FTF 21	02/23/90	Gross alpha	−0.05 ±5.3 pCi/L
FTF 27	02/22/90	Gross alpha	−0.02 ±0.25 pCi/L
HTF 4	01/23/90	Gross alpha	−0.15 ±0.30 pCi/L
HTF 11	02/05/90	Gross alpha	−0.10 ±0.19 pCi/L
HTF 13	01/23/90	Gross alpha	−0.10 ±0.22 pCi/L
IDP 1	03/10/90	Total activity	−10 ±50 pCi/mL
KSB 2	02/24/90	Nonvolatile beta	−0.41 ±0.60 pCi/L
P 26A	03/18/90	Total activity	0 ±1.1 pCi/mL
RSD 2C	03/12/90	Gross alpha	−0.60 ±2.1 pCi/L
RSE 4C	03/12/90	Gross alpha	−0.38 ±0.45 pCi/L

CORRECTIONS TO THE SECOND QUARTER 1990 REPORT (ESH-EMS-900132)

Some of the analytical results from the EPD/EMS Laboratory in the **Analytical Results** section were incorrect because of incorrect calculations. The corrected EPD/EMS Laboratory results are listed in Table 3.

Table 3. Corrected Analytical Results From the EPD/EMS Laboratory for Second Quarter 1990

Well	Sample Date	Analyte	Incorrect Result	Correct Result
CDB 1	06/20/90	Strontium-89/90	−1.0 ±4.1 pCi/L	−1.4 ±3.5 pCi/L
		Strontium-90	0.99 ±3.0 pCi/L	0.68 ±2.1 pCi/L

CORRECTIONS

Table 3. Corrected Analytical Results From the EPD/EMS Laboratory for Second Quarter 1990 (cont.)

Well	Sample Date	Analyte	Incorrect Result	Correct Result
CDB 2	06/20/90	Strontium-89/90	0.56 ±4.7 pCi/L	0.70 ±4.0 pCi/L
		Strontium-90	−0.46 ±3.3 pCi/L	−0.32 ±2.3 pCi/L
KDB 1	06/18/90	Strontium-89/90	0.71 ±5.8 pCi/L	0.90 ±4.9 pCi/L
		Strontium-90	−0.56 ±4.2 pCi/L	−0.38 ±2.8 pCi/L
KDB 2	06/18/90	Strontium-89/90	0.47 ±4.9 pCi/L	0.82 ±4.1 pCi/L
		Strontium-90	−1.1 ±3.5 pCi/L	−0.72 ±2.3 pCi/L
KDB 3	06/18/90	Strontium-89/90	−2.9 ±3.8 pCi/L	−3.6 ±3.2 pCi/L
		Strontium-90	1.9 ±2.9 pCi/L	1.3 ±1.9 pCi/L
KSB 2	06/20/90	Strontium-89/90	−1.7 ±4.0 pCi/L	−1.5 ±3.4 pCi/L
		Strontium-90	−0.59 ±2.9 pCi/L	−0.41 ±2.0 pCi/L
KSB 3	06/20/90	Strontium-89/90	−2.4 ±3.8 pCi/L	−2.6 ±3.2 pCi/L
		Strontium-90	0.63 ±2.8 pCi/L	0.43 ±1.9 pCi/L
KSB 4A	06/20/90	Strontium-89/90	−1.9 ±5.0 pCi/L	−2.3 ±4.2 pCi/L
		Strontium-90	1.6 ±3.7 pCi/L	1.1 ±2.6 pCi/L
LDB 1	06/20/90	Strontium-89/90	−1.1 ±4.1 pCi/L	−1.1 ±3.5 pCi/L
		Strontium-90	1.4 ±3.0 pCi/L	0.00 ±2.1 pCi/L
LDB 2	06/20/90	Strontium-89/90	0.97 ±5.1 pCi/L	0.98 ±4.4 pCi/L
		Strontium-90	−0.034 ±3.7 pCi/L	−0.02 ±2.6 pCi/L
PDB 2	06/20/90	Strontium-89/90	−0.90 ±4.0 pCi/L	−0.96 ±3.4 pCi/L
		Strontium-90	0.18 ±2.9 pCi/L	0.13 ±2.0 pCi/L
PDB 3	06/20/90	Strontium-89/90	1.5 ±4.6 pCi/L	2.4 ±4.0 pCi/L
		Strontium-90	−2.9 ±3.2 pCi/L	−2.0 ±2.2 pCi/L
RDB 1D	06/12/90	Strontium-89/90	−1.5 ±4.3 pCi/L	−1.4 ±3.5 pCi/L
		Strontium-90	−0.26 ±3.2 pCi/L	−0.16 ±1.9 pCi/L
RDB 2D	06/12/90	Strontium-89/90	4.0 ±5.2 pCi/L	4.6 ±4.3 pCi/L
		Strontium-90	−1.8 ±3.7 pCi/L	−1.1 ±2.3 pCi/L
RDB 3D	06/12/90	Strontium-89/90	−1.3 ±4.2 pCi/L	−2.2 ±3.3 pCi/L
		Strontium-90	2.3 ±3.1 pCi/L	1.4 ±1.9 pCi/L

The strontium-89/90 results from the EPD/EMS Laboratory were missing from the **Drinking Water** section. These results are listed in Table 4.

Table 4. Missing Drinking Water Results for Strontium-89/90 From the EPD/EMS Laboratory for Second Quarter 1990

Sample Location	Sample Date	Result
A Area	05/15/90	0.12 ±5.86 pCi/L
Allendale Gate	05/15/90	−3.27 ±5.26 pCi/L
Barnwell Gate	05/15/90	−3.08 ±5.11 pCi/L
Central Shops	05/15/90	3.55 ±18.05 pCi/L
Classification Yard	05/15/90	1.78 ±11.15 pCi/L
Emergency Operations Center (EOC)	05/15/90	−7.52 ±9.29 pCi/L
Firing Range	05/15/90	2.33 ±5.38 pCi/L
Forestry Building	05/15/90	−2.17 ±5.35 pCi/L
Jackson Gate	05/15/90	3.61 ±5.89 pCi/L
Par Pond Laboratory	05/15/90	−2.92 ±18.84 pCi/L
Talatha Gate	05/15/90	−0.66 ±5.44 pCi/L

Table 4. Missing Drinking Water Results for Strontium-89/90 From the EPD/EMS Laboratory for Second Quarter 1990 (cont.)

Sample Location	Sample Date	Result
TC-1 (704-B)	05/15/90	−4.75 ±14.66 pCi/L
TNX	05/15/90	−5.07 ±5.59 pCi/L
Williston Gate	05/15/90	−5.84 ±17.11 pCi/L
Z Area	05/15/90	−2 71 ±10.46 pCi/L
105-C Building	05/15/90	−1.44 ±5.54 pCi/L
105-K Building	05/15/90	0.25 ±5.67 pCi/L
105-L Building	05/15/90	4.02 ±5.99 pCi/L
105-P Building	05/15/90	1.40 ±7.04 pCi/L
221-F Building	05/15/90	18.42 ±15.78 pCi/L
221-H Building	05/15/90	14.47 ±52.29 pCi/L
617-G Wackenhut Training Facility	05/15/90	−6.81 ±24.38 pCi/L
681-1G Pump House	05/15/90	3.16 ±14.18 pCi/L
681-3G Pump House	05/15/90	13.41 ±19.43 pCi/L
701-12G Barricade 7	05/15/90	−6.55 ±12.93 pCi/L
701-13G Barricade 6	05/15/90	0.90 ±5.83 pCi/L
701-1F Building	04/10/90	5.33 ±44.22 pCi/L
701-8G Barricade 8	05/15/90	−6.48 ±10.25 pCi/L
704-F Building	05/15/90	−2.94 ±5.15 pCi/L
704-H Building	05/15/90	−0.61 ±5.29 pCi/L
704-S DWPF	05/15/90	6.48 ±12.76 pCi/L

The following Teledyne results were missing from the **Review of the Analytical Data** subsection of **Sample Analysis** section.

A technical review of the quarter's analytical data identified 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. Teledyne Samples for Second Quarter 1990 With High Analytical Results as Compared to Historical Data

Analyte	Wells
Cesium-137	BG 91, BG 104
Plutonium-238	TBG 4
Plutonium-242	TNX 12D
Potassium-40	BG 94, BG 109
Radium-228	ASB 9
Strontium-89	ASB 8C
Strontium-90	ASB 8, ASB 8A, ASB 8B
Thorium-228	P 26A
Thorium-230	TBG 1, TNX 2D, XSB 1D
Thorium-232	XSB 2D
Uranium-234	TBG 1, TBG 7, XSB 4D, XSB 5A
Uranium-235	XSB 4D
Uranium-238	TBG 7, XSB 4D

CORRECTIONS

A technical review of second quarter's analytical data identified 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. Teledyne Samples for Second Quarter 1990 With Low Analytical Results as Compared to Historical Data

Analyte	Wells
Curium-243/244	TNX 1D, TNX 6D, TNX 7D
Curium-246	TBG 1
Plutonium-238	TNX 2D
Thorium-228	TBG 3, TNX 4D, XSB 4D
Thorium-230	P 26A, P 26B, P 26D, TBG 3, TBG 4, TBG 6, TBG 7, TNX 3D, TNX 5D, TNX 6D, TNX 7D, TNX 8D, TNX 9D, TNX 10D
Thorium-232	P 26B, TBG 4, TNX 5D
Uranium-234	P 26A, TBG 3, TNX 1D, TNX 4D, TNX 8D

WELL ABANDONMENT

FOURTH QUARTER 1989 ABANDONMENTS

The primary sources of data for this section are the SRS Well Abandonment Report, SRP Daily Activities Report, and SRP Monitoring Well Installation Report. The oversight group, Sirrine Environmental Consultants of Aiken, SC, maintained these records during fourth quarter 1989. Graves Environmental and Geotechnical Services (GEGS; formerly Graves Well Drilling), Jackson, SC, performed the abandonment activities in Table 7.

Table 7. Metallurgical Laboratory Seepage Basin Abandonments

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
AMB 8	103,730	51,380	10/25/89	Casing collapsed
AMB 9	103,455	51,320	10/31/89	PVC casing melted after grouting
AMB 10	103,260	51,455	10/31/89	Initial grout cap was installed incorrectly; grout may have invaded filter pack

THIRD QUARTER 1990 ABANDONMENTS

The oversight group, Westinghouse Savannah River Company of Aiken, SC, maintained these records during third quarter 1990. GEGS performed abandonment activities in Table 8.

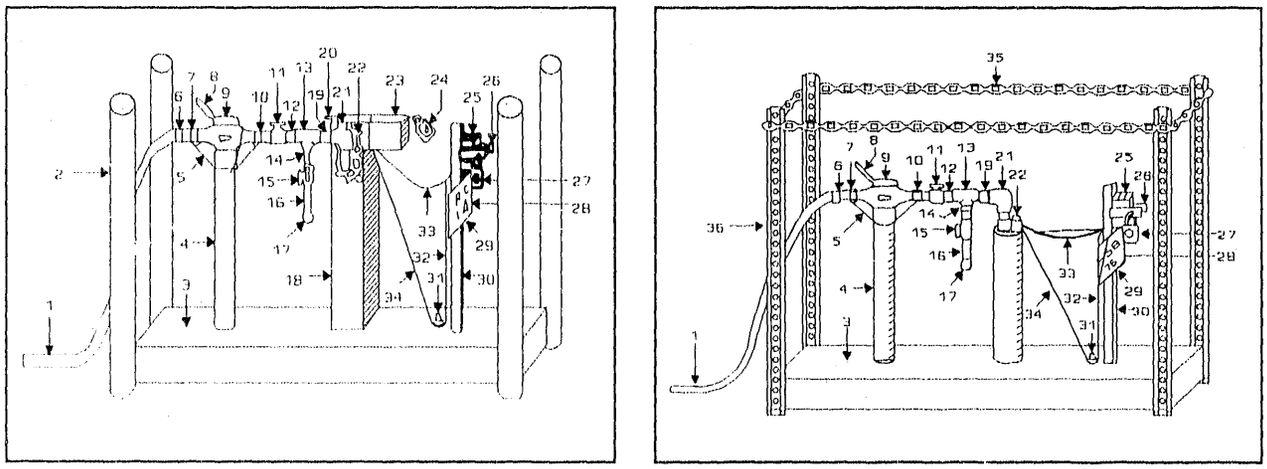
Table 8. D-Area Coal Pile Runoff Containment Basin and Ash Basins Abandonment

Well	SRS Coordinates North	SRS Coordinates East	Abandonment Completed	Reason
DCB 14	64,909.8	19,392.4	08/29/90	Borehole penetrated a clay suspected of being a confining unit

NOTES

WELL MAINTENANCE

The source of data for this section is well maintenance records kept by Ge-Hy Sampling of New Ellenton, SC, and EPD/EMS during the third quarter of 1990. GEGS performed all maintenance activities. Diagrams of the heads of two types of groundwater monitoring wells are shown in Figure 1.



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

Figure 1. Two Types of Groundwater Monitoring Well Heads

ABP Series, A-Area Metals Burning Pit

ABP 3: On 8/23/90, a nipple between the gate valve and the sampling tee needed replacing; the pump needed to be lifted and a coupling installed to rest on the well seal. The pump was pulled, and the motor was checked. The motor wire had cuts in it; the bad section of wire was replaced. The pump and the water level pipe were reinstalled.

ABP 4: On 5/19/90, the flowmeter was not working properly. On 8/28/90, it was replaced.

WELL MAINTENANCE

ABW Series, A-Area Background Well near Firing Range

ABW 1: On 5/12/90, the sampling tee was cracked. On 8/28/90, the sampling tee and the riser pipe elbow were replaced, and the threads were retaped with teflon® tape.

AC Series, A-Area Cluster Perimeter Wells and M-Area Plume Definition Wells

AC 1A: On 1/13/90, the flowmeter needed replacing. On 8/28/90, it was replaced.

AC 1B: On 1/13/90, the flowmeter needed replacing. On 8/28/90, it was replaced.

ACB Series, A-Area Coal Pile Runoff Containment Basin

ACB 1A: On 1/19/90 a nipple needed replacing, and by 5/12/90, the nipple had snapped in two. On 8/28/90, the nipple and the riser pipe elbow were replaced.

ARP Series, A-Area Burning/Rubble Pits

ARP 4: On 2/9/90, the flowmeter was not working properly. It was replaced on 8/28/90.

ASB Series, Savannah River Laboratory (SRL) Seepage Basins

ASB 8A: On 5/15/90, the flowmeter needed replacing. It was replaced on 8/28/90.

ASB 8C: On 5/15/90, the flowmeter needed replacing. It was replaced on 8/28/90.

BGO Series, Burial Grounds Perimeter Wells

BGO 29A: On 1/27/90, the flowmeter was not working properly. It was replaced on 8/26/90.

CMP Series, Chemicals, Metals, and Pesticides (CMP) Pits

CMP 10: On 3/4/90, the flowmeter needed replacing. On 8/30/90, it was replaced.

CMP 12: On 3/4/90, the flowmeter needed replacing. On 8/30/90, it was replaced.

CRP Series, C-Area Burning/Rubble Pit

CRP 1: On 5/28/90, the plumbing was leaking at three places. On 9/7/90, the sampling tee was replaced, and the plumbing was tightened.

DCB Series, D-Area Coal Pile Runoff Containment Basin and Ash Basins

DCB 2A: On 5/27/90, the plumbing leaked in two places. On 9/7/90, the washer in the flowmeter flange was replaced.

FSB Series, F-Area Seepage Basins

FSB 97A: On 4/22/90, the gate valve was cracked and spraying water. On 8/29/90, it was replaced.

FSB 104C: On 4/18/90, the plumbing leaked in two places. On 8/21/90, the plumbing was tightened.

FSB 104D: On 4/18/90, the plumbing leaked in three places. On 8/24/90, the plumbing was tightened.

FSB 110D: On 5/6/90, the gate valve was cracked and spraying water. On 8/29/90, it was replaced.

HCB Series, H-Area Coal Pile Runoff Containment Basin

HCB 2: On 11/28/89, the pump was hard to start. On 9/4/90, the pump was pulled and the wiring replaced. The cable and the clamp were also replaced.

HCB 4: On 5/1/90, the pump would not start. On 9/4/90, the pump was replaced as well as the wire, cable, and clamp.

HSB Series, H-Area Seepage Basins

HSB 68A: On 4/4/90 and 7/17/90, the flowmeter needed replacing. On 8/29/90, it was replaced.

HSB 86C: On 4/4/90, the sampling tee needed replacing. On 8/29/90, it was replaced, and the plumbing was tightened.

IDP Series, Interim Waste Technology Site Characterization Wells, Site P

IDP 8: On 12/1/89, the liquid level pipe cap, coupling, and sample nipple were missing; also, there was no well identification sign. On 9/7/90, the liquid level pipe cap, coupling, sample nipple, and sample nipple cap were replaced.

IDP 9: On 12/2/89, the water discharge hose and the hose clamp were missing. On 7/7/90, they were replaced.

IDQ Series, Interim Waste Technology Site Characterization Wells, Site Q

IDQ 3A: On 12/3/89, the water discharge hose and the hose clamp were missing. On 9/7/90, they were replaced.

IDQ 3B: On 12/3/89, the water discharge hose and the hose clamp were missing. On 9/7/90, they were replaced.

IDQ 3C: On 12/3/89, the water discharge hose and the hose clamp were missing. On 9/7/90, they were replaced.

IDQ 4: On 12/3/89, the water discharge hose and the hose clamp were missing. On 9/7/90, they were replaced.

IDQ 5: On 12/3/89, the water discharge hose and the hose clamp were missing. On 9/7/90, they were replaced.

IDQ 8: On 12/3/89, the water discharge hose and the hose clamp were missing and the flowmeter was on backwards. On 9/7/90, the water discharge hose and the hose clamp were replaced.

IDQ 9: On 12/3/89, the water discharge hose and the hose clamp were missing. On 9/7/90, they were replaced.

IDQ 10: On 12/3/89, the water discharge hose and the hose clamp were missing. On 9/7/90, they were replaced.

KCB Series, K-Area Coal Pile Runofff Containment Basin

KCB 4: On 5/23/90, the flowmeter needed replacing. On 9/7/90, it was replaced.

LSB Series, L-Area Reactor Seepage Basin

LSB 1: On 3/6/90, the flowmeter needed replacing. On 9/6/90, it was replaced.

LFW Series, Sanitary Landfill

LFW 6: On 3/13/90 and 8/24/90, the flowmeter needed replacing. On 8/29/90, it was replaced.

LFW 8: On 3/13/90, the flowmeter needed replacing. On 8/29/90, it was replaced.

LFW 10A: On 6/15/90 and 8/24/90, the flowmeter was not working properly. On 8/29/90, it was replaced.

LFW 18: On 6/15/90, the flowmeter was on backwards and the water discharge hose leaked. On 8/24/90, the flowmeter was still on backwards. On 8/26/90, the flowmeter was put on properly.

LFW 20: On 6/15/90 and 8/27/90, the flowmeter needed replacing. On 8/29/90, it was replaced.

MSB Series, M-Area Hazardous Waste Management Facility (HWMF) and Plume Definition Wells

MSB 8A: On 9/27/89, the pump was not working properly. On 8/31/90, the pump was pulled and the wire, pump, cable, and clamp were replaced.

MSB 11A: On 4/8/90, the flowmeter was not working properly. On 9/7/90, it was replaced.

MSB 35TA: On 4/15/90, the flowmeter was not working properly. On 8/28/90, it was replaced.

MSB 45A: On 4/15/90, the plumbing was leaking in one place. On 8/28/90, the plumbing was tightened.

MSB 85B: On 6/10/90, the plumbing was leaking in one place and spraying in another. On 8/28/90, a new washer was put in where the spraying was occurring, and the plumbing was tightened.

PCB Series, P-Area Coal Pile Runoff Containment Basin

PCB 1A: On 8/24/90, a nipple needed replacing. On 8/28/90, the nipple and the riser pipe elbow were replaced.

SRW Series, Silverton Road Waste Site

SRW 2A: On 5/19/90, the flowmeter was not working properly. On 8/28/90, the flowmeter was replaced and the plumbing was tightened.

SRW 5: On 5/19/90, the flowmeter was not working, and the plumbing leaked in one place. On 8/28/90, the flowmeter was replaced.

SRW 15B: On 5/20/90, the plumbing was leaking in two places. On 8/28/90, the plumbing was tightened.

SRW 16A: On 5/20/90, the bushing needed replacing. On 8/28/90, it was replaced.

XSB Series, Old TNX Seepage Basin

XSB 5A: On 3/6/90, the liquid level pipe cap was missing, and the gate valve was on the wrong side of the sampling tee. On 9/7/90, a 1.5 in. plug was put in the water-level pipe.

YSC Series, Y-Area Waste Solidification and Disposal Facility

YSC 1A: On 6/17/90, the water discharge hose was missing, and there was no well identification sign. On 8/29/90, a water discharge hose was installed.

YSB Series, New TNX Seepage Basin

YSB 2A: On 3/11/90, the flowmeter needed replacing. On 9/6/90, it was replaced.

ZBG Series, Z-Area Background Wells

ZBG 1: On 3/6/90, the hose clamp was missing, the flowmeter needed replacing, and the water discharge hose needed to be repaired. The hose clamp, flowmeter, and water discharge hose were replaced.

NOTES

WELL CONSTRUCTION

The primary source of data for this section is the SRS Monitoring Well Installation Report (DPSOP 254). Secondary sources include the following:

- SCDHEC Water Well Record
- Monitoring Well Construction Diagram (Figure 2)
- SRS Monitoring Well Installation Report
- Field Geologic Log
- Daily Activities Report
- SRP Well Development Report

CH_2M Hill of Atlanta, GA, and Sirrine Environmental Consultants (SEC) of Greenville, SC, (the oversight groups) maintained these reports. GEGS conducted drilling activities.

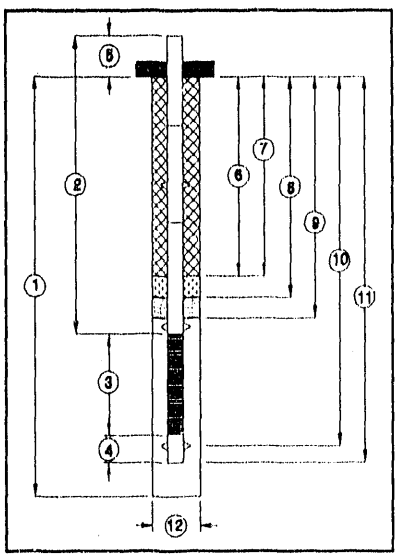


Figure 2. Well Construction Diagram

Although the **Well Construction** section gathers data from these sources, it does not attempt to replace the original records from which more detailed information can be obtained. The original records can be found in the EPD/EMS Groundwater Monitoring Library.

Geologic characteristics were logged as noted for some wells. Lithologic and geophysical logging is not available for some wells because logging is usually done only for the deepest well in a cluster. Wireline coring is the most prevalent coring method at SRS used to determine lithologic and hydrologic characteristics of subsurface sediments. For most boreholes sampled this way, the drillers set a temporary surface casing as a guide for the core barrel used in wireline coring. In these cases, the drillers use the mud rotary method to drill the first stage of the borehole. Then they set the temporary casing and begin wireline coring. Consequently, wireline coring begins below ground surface for these wells.

All depths and measurements given under Placement in this section are from ground level. Casings were cut off at 2.5 ft above ground level after installation, except as noted. However, because of construction activities, the final distances between top of casing and ground level

vary. The actual distances between top of casing and ground level will be reported in the **Surveying** section as surveying data are received. The length of the sump includes the sump cap. All pump placements are measured from ground level to the top of the pump. (C.S. stands for carbon steel; S.S. stands for stainless steel; and PVC stands for polyvinyl chloride.)

MHT Series
Savannah River Laboratory (SRL) Monitoring Wells for the Horizontal Well Characterization Study in M Area

The drilling and sampling methods for wells in the **MHT Series** are noted under each well. Geophysical logging was conducted and lithologies were logged for wells MHT 1C, MHT 2C, MHT 3C, MHT 4C, MHT 6C, MHT 7C, MHT 8C, MHT 9C, and MHT 10C. All of these wells were accepted by Westinghouse on 11/12/90.

MHT 1C

The borehole was drilled by the auger method from 0 to 120.0 ft and by the mud rotary method from 120.0 to 198.0 ft. Continuous split-spoon sampling was conducted from 0 to 120.0 ft, and continuous wireline coring was taken from 120.0 to 198.0 ft. The borehole was backfilled from 190.0 to 159.0 ft and reamed from a depth of 0 to 162.0 ft. Drilling began 1/9/90; grouting was completed 6/7/90; the pump was installed 7/5/90. The total depth of the borehole is 198.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	155.5	0–153.0
Screen	4" 0.010"-slot wirewrap PVC	5.0	153.0–158.0
Sump	4" PVC	2.9	158.0–160.9
Pump	Grundfos 10S05-9	–	156.0

MHT 1D

The borehole was drilled by the mud rotary method from 0 to 146.0 ft. Drilling began on 6/7/90; grouting was completed on 6/11/90. No pump was installed in this well. The total depth of the borehole is 146.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	127.0	0–124.5
Screen	4" 0.015"-slot PVC	20.0	124.5–144.5
Sump	4" PVC	1.4	144.5–145.9

MHT 2C

The borehole was drilled by the auger method from 0 to 144.0 ft and by the mud rotary method from 144.0 to 191.0 ft. Continuous split-spoon sampling was conducted from 0 to 146.0 ft, and continuous wireline coring was taken from 146.0 to 191.0 ft. The borehole was backfilled from 189.0 to 162.0 ft and reamed from a depth of 0 to 162.0 ft. Drilling began 1/31/90; grouting was completed 4/6/90; the pump was installed 6/5/90. The total depth of the borehole is 191.0 ft below ground level.

MHT 2C (cont.)

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	154.5	0–152.0
Screen	4" 0.010"-slot PVC	5.0	152.0–157.0
Sump	4" PVC	2.9	157.0–159.9
Pump	Grundfos 10S05-9	–	153.5

MHT 2D

The borehole was drilled by the mud rotary method from 0 to 145.3 ft. Drilling began 4/3/90; grouting was completed 4/10/90; the pump was installed 6/8/90. The total depth of the borehole was 145.3 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	126.3	0–123.8
Screen	4" 0.010"-slot PVC	19.6	123.8–143.4
Sump	4" PVC	1.9	143.4–145.3
Pump	Grundfos 10S05-9	–	142.0

MHT 3C

The borehole was drilled by the auger method from 0 to 120.0 ft and by the mud rotary method from 120.0 to 190.0 ft. Continuous split-spoon sampling was conducted from 0 to 120.0 ft, and continuous wireline coring was taken from 120.0 to 190.0 ft. The borehole was backfilled from 190.0 to 145.6 ft and reamed from a depth of 0 to 162.0 ft. Drilling began 1/12/90; grouting was completed 4/23/90; the pump was installed 6/5/90. The total depth of the borehole is 190.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	155.5	0–153.0
Screen	4" 0.010"-slot PVC	5.0	153.0–158.0
Sump	4" PVC	2.9	158.0–160.9
Pump	Grundfos 10S05-9	–	154.5

MHT 3D

The borehole was drilled by the mud rotary method from 0 to 146.0 ft. Drilling began 4/13/90; the grouting was completed 4/16/90; the pump was installed 6/8/90. The total depth of the borehole is 148.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	127.5	0–125.0
Screen	4" 0.010"-slot PVC	20.0	125.0–145.0
Sump	4" PVC	1.4	145.0–146.4
Pump	Grundfos 10S05-9	–	143.0

WELL CONSTRUCTION

MHT 4C

The borehole was drilled by the auger method from 0 to 146.0 ft and by the mud rotary method from 146.0 to 191.0 ft. Continuous split-spoon sampling was conducted from 0 to 146.0 ft, and continuous wireline coring was taken from 146.0 to 191.0 ft. The borehole was backfilled from 191.0 to 164.0 ft and reamed from a depth of 0 to 164.0 ft. Drilling began 2/5/90; grouting was completed 4/6/90; the pump was installed 6/5/90. The total depth of the borehole is 191.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	156.5	0–154.0
Screen	4" 0.010"-slot PVC	5.0	154.0–159.0
Sump	4" PVC	2.9	159.0–161.9
Pump	Grundfos 10S05-9	–	153.5

MHT 4D

The borehole was drilled by the mud rotary method from 0 to 147.0 ft. Drilling began 5/16/90; grouting was completed 5/21/90. No pump was installed because there was not enough water. The total depth of the borehole is 147.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	127.5	0–125.0
Screen	4" 0.010"-slot PVC	20.0	125.0–145.0
Sump	4" PVC	1.4	145.0–146.4

MHT 5C

The borehole was drilled by the auger method from 0 to 120.0 ft and by the mud rotary method from 120.0 to 190.0 ft. Continuous split-spoon sampling was conducted from 0 to 190.0 ft, and continuous wireline coring was taken from 120.0 to 190.0 ft in January. In May, due to hard, consolidated fill in the borehole, the well was redrilled to 170.0 ft. The borehole was backfilled from 170.0 to 163.2 ft and reamed from a depth of 0 to 162.5 ft. Drilling began 1/16/90; grouting was completed 5/29/90; the pump was installed 6/11/90. The total depth of the borehole is 190.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	156.5	0–154.0
Screen	4" 0.010"-slot PVC	5.0	154.0–159.0
Sump	4" PVC	2.9	159.0–161.9
Pump	Grundfos 10S05-9	–	157.5

MHT 5D

The borehole was drilled by the mud rotary method from 0 to 145.0 ft. Drilling began 5/24/90; grouting was completed 5/29/90; the pump was installed 6/11/90. The total depth of the borehole is 145.0 ft below ground level.

MHT 5D (cont.)

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	126.0	0–123.5
Screen	4" 0.010"-slot PVC	20.1	123.5–143.6
Sump	4" PVC	1.3	143.6–144.9
Pump	Grundfos 10S05-9	–	141.5

MHT 6C

The borehole was drilled by the auger method from 0 to 146.0 ft and by the mud rotary method from 146.0 to 190.0 ft. Continuous split-spoon sampling was conducted from 0 to 146.0 ft, and continuous wireline coring was taken from 146.0 to 190.0 ft. The borehole was backfilled from 190.0 to 168.0 ft and reamed from a depth of 0 to 168.0 ft. Drilling began 2/8/90; grouting was completed 4/26/90; the pump was installed 6/6/90. The total depth of the borehole is 190.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	159.5	0–157.0
Screen	4" 0.010"-slot PVC	5.0	157.0–162.0
Sump	4" PVC	2.9	162.0–164.9
Pump	Grundfos 10S05-9	–	160.0

MHT 6D

The borehole was drilled by the mud rotary method from 0 to 147.0 ft and reamed from a depth of 0 to 146.4 ft. Drilling began 5/14/90; grouting was completed 5/18/90. No pump was installed because there was not enough water. The total depth of the borehole is 147.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	127.5	0–125.0
Screen	4" 0.010"-slot PVC	20.0	125.0–145.0
Sump	4" PVC	1.4	145.0–146.4

MHT 7C

The borehole was drilled by the auger method from 0 to 120.0 ft and by the mud rotary method from 120.0 to 190.0 ft. Continuous split-spoon sampling was conducted from 0 to 120.0 ft and from 190.0 to 192.0 ft, and continuous wireline coring was taken from 120.0 to 190.0 ft. The borehole was backfilled from 190.0 to 167.3 ft and reamed from a depth of 0 to 167.0 ft. Drilling began 1/18/90; grouting was completed 6/21/90; the pump was installed 5/24/90. The total depth of the borehole is 192.0 ft below ground level.

MHT 7C (cont.)

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	158.5	0–156.0
Screen	4" 0.010"-slot PVC	5.0	156.0–161.0
Sump	4" PVC	2.9	161.0–163.9
Pump	Grundfos 10S05-9	–	159.0

MHT 7D

The borehole was drilled by the mud rotary method from 0 to 148.0 ft. Drilling began 6/22/90; grouting was completed 6/26/90. The total depth of the borehole is 148.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	130.5	0–128.0
Screen	4" 0.015"-slot PVC	20.0	128.0–148.0
Sump	4" PVC	1.4	148.0–149.4

MHT 8C

The borehole was drilled by the auger method from 0 to 120.0 ft and by the mud rotary method from 120.0 to 190.0 ft. Continuous split-spoon sampling was conducted from 0 to 120.0 ft, and continuous wireline coring was taken from 120.0 to 190.0 ft. The borehole was backfilled from 190.0 to 167.8 ft and reamed from a depth of 0 to 167.0 ft. Drilling began 1/29/90; grouting was completed 6/5/90; the pump was installed 6/29/90. The total depth of the borehole is 190.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	159.5	0–157.0
Screen	4" 0.015"-slot PVC	5.0	157.0–162.0
Sump	4" PVC	2.9	162.0–164.9
Pump	Grundfos 10S05-9	–	160.0

MHT 8D

The borehole was drilled by the mud rotary method from 0 to 150.0 ft. Drilling began 6/1/90; grouting was completed 6/5/90; no pump was installed. The total depth of the borehole is 150.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	131.5	0–129.0
Screen	4" 0.015"-slot PVC	20.0	129.0–149.0
Sump	4" PVC	1.4	149.0–150.4

MHT 9C

This well was originally drilled and sampled to 190.0 ft during first quarter 1990. Geophysical logging was also conducted. Continuous split-spoon sampling was conducted from 0 to 120.0 ft, and continuous wireline coring was taken from 120.0 ft to 190.0 ft. Due to a deviation in the borehole of nearly 5°, the original borehole was filled with cement, and a replacement well was constructed. The new borehole was drilled by the the mud rotary method from 0 to 161.5 ft. Drilling began 6/12/90; grouting was completed 6/13/90; the pump was installed 6/29/90.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	155.5	0–153.0
Screen	4" 0.010"-slot PVC	5.0	153.0–158.0
Sump	4" PVC	2.9	158.0–160.9
Pump	Grundfos 10S05-9	–	156.0

MHT 9D

The borehole was drilled by the mud rotary method from 0 to 146.4 ft. Drilling began 3/27/90; grouting was completed 3/29/90; the pump was installed 7/5/90. The total depth of the borehole is 146.4 ft below ground surface.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	127.5	0–125.0
Screen	4" 0.010"-slot PVC	20.0	125.0–145.0
Sump	4" PVC	1.4	145.0–146.4
Pump	Grundfos 10S05-9	–	143.0

MHT 10C

The borehole was drilled by the auger method from 0 to 120.0 ft and by the mud rotary method from 120.0 to 190.0 ft. Continuous split-spoon sampling was conducted from 0 to 120.0 ft, and continuous wireline coring was taken from 120.0 to 190.0 ft. The borehole was backfilled from 188.0 to 165.0 ft and reamed from a depth of 0 to 165.0 ft. Drilling began 1/25/90; grouting was completed 6/15/90; the pump was installed 7/5/90. The total depth of the borehole is 190.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	159.5	0–157.0
Screen	4" 0.010"-slot PVC	5.0	157.0–162.0
Sump	4" PVC	2.9	162.0–164.9
Pump	Grundfos 10S05-9	–	160.0

MHT 10D

The borehole was drilled by the mud rotary method from 0 to 151.0 ft. Drilling began 6/18/90; grouting was completed 6/20/90; no pump was installed in this well. The total depth of the borehole is 151.0 ft below ground level.

MHT 10D (cont.)

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	131.5	0–129.0
Screen	4" .015"-slot PVC	20.1	129.0–149.1
Sump	4" PVC	1.3	149.1–150.4

MHV Series
Vapor Probe Wells for the Horizontal Well Characterization Study for M Area

All of the wells in the **MHV Series** were drilled by the auger method. Geophysical logging was not conducted on any of the wells; lithologies were logged for MHV 1A, MHV 2A, MHV 3A, MHV 4A, and MHV 5A. All of these wells were accepted by Westinghouse on 11/12/90. These are vapor probe wells; therefore, pumps were not installed in any of the wells. These wells were drilled in clusters of three; each cluster was placed in the same borehole, and each well in the cluster has a different length of casing. Therefore, the information on the borehole is included only under the first well of each cluster.

MHV 1A

Continuous split-spoon sampling was conducted from 0 to 130.0 ft. The borehole was backfilled from 130.0 to 102.0 ft. Drilling began 5/3/90; grouting for this well was completed 5/9/90. The total depth of the borehole is 130.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	97.5	0–95.0
Screen	1" 0.010"-slot PVC	5.0	95.0–100.0
Sump cap	1" PVC	0.2	100.0–100.2

MHV 1B

Grouting was completed 5/10/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	72.5	0–70.0
Screen	1" 0.010"-slot PVC	5.0	70.0–75.0
Sump cap	1" PVC	0.2	75.0–75.2

MHV 1C

Grouting was completed 5/11/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	46.5	0–44.0
Screen	1" 0.010"-slot PVC	6.0	44.0–50.0
Sump cap	1" PVC	0.2	50.0–50.2

MHV 2A

Continuous split-spoon sampling was conducted from 0 to 120.0 ft. The borehole was backfilled from 120.0 to 103.9 ft. Drilling began 5/16/90; grouting was completed 5/29/90. The total depth of the borehole is 120.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	97.5	0–95.0
Screen	1" 0.010"-slot PVC	5.0	95.0–100.0
Sump cap	1" PVC	0.2	100.0–100.2

MHV 2B

Grouting was completed 5/30/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	72.5	0–70.0
Screen	1" 0.010"-slot PVC	5.0	70.0–75.0
Sump cap	1" PVC	0.2	75.0–75.2

MHV 2C

Grouting was completed 5/31/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	46.5	0–44.0
Screen	1" 0.010"-slot PVC	5.0	44.0–49.0
Sump	1" PVC	0.2	49.0–49.2

MHV 3A

Continuous split-spoon sampling was conducted from 0 to 130.0 ft. Drilling began 2/15/90; grouting of this well was completed 5/14/90. The total depth of the borehole is 130.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	97.5	0–95.0
Screen	1" 0.010"-slot PVC	5.0	95.0–100.0
Sump cap	1" PVC	0.2	100.0–100.2

WELL CONSTRUCTION

MHV 3B

Grouting was completed 5/15/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	71.9	0–69.4
Screen	1" 0.010"-slot PVC	5.0	69.4–74.4
Sump cap	1" PVC	0.2	74.4–74.6

MHV 3C

Grouting was completed 5/16/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	47.5	0–45.0
Screen	1" 0.010"-slot PVC	5.0	45.0–50.0
Sump cap	1" PVC	0.2	50.0–50.2

MHV 4A

Continuous split-spoon sampling was conducted from 0 to 130.0 ft. The borehole was backfilled from 130.0 to 100.4 ft. Drilling began 6/8/90; grouting for this well was completed 6/13/90. The total depth of the borehole is 130.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	96.5	0–94.0
Screen	1" 0.010"-slot PVC	5.0	94.0–99.0
Sump cap	1" PVC	0.2	99.0–99.2

MHV 4B

Grouting was completed 6/15/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	72.5	0–70.0
Screen	1" 0.010"-slot PVC	5.0	70.0–75.0
Sump cap	PVC	0.2	75.0–75.2

MHV 4C

Grouting was completed 6/18/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	45.0	0–42.5
Screen	1" 0.010"-slot PVC	5.0	42.5–47.5
Sump cap	PVC	0.2	47.5–47.7

MHV 5A

Continuous split-spoon sampling was conducted from 0 to 130.0 ft. The borehole was backfilled from 128.0 to 93.1 ft. Drilling began 6/1/90; grouting for this well was completed 6/6/90. The total depth of the borehole is 128.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	87.5	0–85.0
Screen	1" 0.010"-slot PVC	5.0	85.0–90.0
Sump cap	PVC	0.2	90.0–90.2

MHV 5B

Grouting was completed 6/7/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	70.5	0–68.0
Screen	1" 0.010"-slot PVC	5.0	68.0–73.0
Sump cap	PVC	0.2	73.0–73.2

MHV 5C

Grouting was completed 6/8/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	47.5	0–45.0
Screen	1" 0.010"-slot PVC	5.0	45.0–50.0
Sump cap	PVC	0.2	50.0–50.2

MSB Series

M-Area Hazardous Waste Management Facility: Plume Definition Wells

The drilling and sampling methods for wells in the **MSB Series** are noted under each well. Geophysical logging was conducted, and lithologies were logged for wells MSB 77TA and MSB 82TA. Acceptance dates were not given for any of these wells.

MSB 70D

The borehole was drilled by the auger method from 0 to 140.0 ft and reamed from a depth of 0 to 157.5 ft. Drilling began 5/31/90; grouting was completed 7/11/90; the pump was installed 8/29/90. The total depth of the borehole is 157.5 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	134.5	0–132.0
Screen	4" 0.015"-slot PVC	20.1	132.0–152.1
Sump	4" PVC	2.9	152.1–155.0
Pump	Grundfos 10S05-9	–	147.5

WELL CONSTRUCTION

MSB 77B

The borehole was drilled by the mud rotary method from 0 to 221.0 ft. Drilling began 6/25/90; grouting was completed 7/10/90; the pump was installed 8/28/90. The total depth of the borehole is 221.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	212.5	0–210.0
Screen	4" 0.016"-slot PVC	4.7	210.0–214.7
Sump	4" PVC	2.9	214.7–217.6
Pump	Grundfos 10S05-9	–	207.5

MSB 77C

The borehole was drilled by the mud rotary method from 0 to 193.0 ft. Drilling began 6/29/90; grouting was completed 7/10/90; the pump was installed 8/28/90. The total depth of the borehole is 193.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	184.5	0–182.0
Screen	4" 0.016"-slot wirewrap PVC	4.7	182.0–186.7
Sump	4" PVC	2.9	186.7–189.6
Pump	Grundfos 10S05-9	–	179.5

MSB 77D

The borehole was drilled by the mud rotary method from 0 to 145.0 ft. Drilling began 6/5/90; grouting was completed 7/12/90; the pump was installed 8/28/90. The total depth of the borehole is 145.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	121.5	0–119.0
Screen	4" 0.016"-slot PVC	20.0	119.0–139.0
Sump	4" PVC	2.9	139.0–141.9
Pump	Grundfos 10S05-9	–	135.5

MSB 77TA

The borehole was drilled by the mud rotary method from 0 to 10.0 ft and by wireline coring from 10.0 to 283.0 ft. The borehole was sampled by continuous wireline coring from 10.0 to 283.0 ft. The borehole was backfilled with bentonite from 283.0 to 227.0 ft and reamed from a depth of 0 to 240.0 ft. The surface casing was set, and borehole was reamed again from the bottom of the surface casing to 283.0 ft. Drilling began 6/6/90; grouting was completed 7/3/90; the pump was installed 8/28/90. The total depth of the borehole is 285.0 ft below ground level.

MSB 77TA (cont.)

Item	Type	Length (ft)	Placement (ft)
Surface casing	12" C.S.	236.0	0–236.0
Casing	4" C.S.	274.5	0–272.0
Screen	4" 0.016"-slot wirewrap S.S.	5.3	272.0–277.3
Sump	4" C.S.	5.4	277.3–282.7
Pump	Grundfos 10S05-9	–	217.5

MSB 82A

The borehole was drilled by the mud rotary method from 0 to 257.0 ft. The borehole was backfilled from 257.0 to 255.0 ft. Drilling began 8/6/90; grouting was completed 8/14/90; the pump was installed 8/30/90. The total depth of the borehole is 257.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	248.5	0–246.0
Screen	4" 0.016"-slot PVC	4.7	246.0–250.7
Sump	4" PVC	2.9	250.7–253.6
Pump	Grundfos 10S05-9	–	197.5

MSB 82B

The borehole was drilled by the mud rotary method from 0 to 235.0 ft. Drilling began 8/10/90; grouting was completed 8/14/90; the pump was installed 9/4/90. The total depth of the borehole is 235.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	226.5	0–224.0
Screen	4" 0.016"-slot PVC	4.7	224.0–228.7
Sump	4" PVC	2.9	228.7–231.6
Pump	Grundfos 10S05-9	–	217.5

MSB 82D

The borehole was drilled by the auger method from 0 to 140.0 ft and by the mud rotary method from 140.0 to 161.0 ft. The borehole was reamed from 0 to 140.0 ft. Drilling began 6/1/90; grouting was completed 8/6/90; the pump was installed 8/30/90. The total depth of the borehole is 161.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	137.0	0–134.5
Screen	4" 0.016"-slot PVC	20.1	134.5–154.6
Sump	4" PVC	2.8	154.6–157.4
Pump	Grundfos 10S05-9	–	147.5

WELL CONSTRUCTION

MSB 82TA

The borehole was drilled by the mud rotary method from 0 to 200.0 ft and by wireline coring from 200.0 to 300.0 ft. The borehole was sampled by continuous wireline coring from 200.0 to 300.0 ft. The borehole was backfilled with sand and bentonite from 300.0 to 228.0 ft and reamed from 0 to 254.0 ft. The surface casing was set, and the borehole was reamed again from the bottom of the surface casing to 290.0 ft. Drilling began 7/11/90; grouting was completed 8/6/90; the pump was installed 8/4/90. The total depth of the borehole is 300.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Surface casing	12" C.S.	253.7	0–253.7
Casing	4" C.S.	280.5	0–278.0
Screen	4" 0.016"-slot wirewrap S.S.	5.4	278.0–283.4
Sump	4" C.S.	2.8	283.4–286.2
Pump	Grundfos 10S05-9	–	217.5

MSB 85D

The borehole was drilled by the auger method from 0 to 160.0 ft and by the mud rotary method from 0 to 168.0 ft. The borehole was reamed from 0 to 168.0 ft. Drilling began 6/4/90; grouting was completed 8/23/90; the pump was installed 8/30/90. The total depth of the borehole is 168.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	145.0	0–142.5
Screen	4" 0.015"-slot PVC	20.1	142.5–162.6
Sump	4" PVC	2.9	162.6–165.5
Pump	Grundfos 10S05-9	–	157.5

MSB Series

M-Area Hazardous Waste Management Facility: Point-of-Compliance Wells

The drilling and sampling methods for wells in the **MSB Series** are noted under each well. Geophysical logging was conducted and lithologies were logged for wells MSB 2B, MSB 5B, MSB 6B, and MSB 63B. Acceptance dates were not given for any of these wells.

MSB 2B

The borehole was drilled by the mud rotary method from 0 to 10.0 ft and by wireline coring from 10.0 to 300.0 ft. Sampling was done by continuous wireline coring from 10.0 to 300.0 ft. The borehole was backfilled from 300.0 to 213.0 ft and reamed from a depth of 0 to 213.0 ft. Drilling began 8/16/90; grouting was completed 8/30/90; the pump was installed 9/28/90. The total depth of the borehole is 300.0 ft below ground level.

MSB 2B (cont.)

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	204.5	0–202.0
Screen	4" 0.016"-slot wirewrap PVC	4.7	202.0–206.7
Sump	4" PVC	2.9	206.7–209.6
Pump	Grundfos 10S05-9	–	197.5

MSB 2C

The borehole was drilled by the mud rotary method from 0 to 169.0 ft. Drilling began 8/23/90; grouting was completed 8/30/90; the pump was installed 9/28/90. The total depth of the borehole is 169.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	160.5	0–158.0
Screen	4" 0.016"-slot wirewrap PVC	4.7	158.0–162.7
Sump	4" PVC	2.9	162.7–165.6
Pump	Grundfos 10S05-9	–	155.5

MSB 5B

The borehole was drilled by the mud rotary method from 0 to 100.0 ft and by wireline coring from 100.0 to 225.0 ft. The borehole was sampled by continuous wireline coring from 100.0 to 225.0 ft. The borehole was reamed from 0 to 218.0 ft and backfilled from 225.0 to 218.0 ft. Drilling began 5/11/90; grouting was completed 5/25/90; the pump was installed 7/13/90. The total depth of the borehole is 225.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	209.5	0–207.0
Screen	4" 0.016"-slot wirewrap PVC	4.7	207.0–211.7
Sump	4" PVC	2.9	211.7–214.6
Pump	Grundfos 10S05-9	–	205.0

MSB 5C

The borehole was drilled by the mud rotary method from 0 to 166.0 ft. Drilling began 5/22/90; grouting was completed 5/25/90; the pump was installed 7/13/90. The total depth of the borehole is 166.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	157.5	0–155.0
Screen	4" 0.016"-slot wirewrap PVC	4.7	155.0–159.7
Sump	4" PVC	2.9	159.7–162.6
Pump	Grundfos 10S05-9	–	154.0

WELL CONSTRUCTION

MSB 6B

The borehole was drilled by the mud rotary method from 0 to 100.0 ft and from 216.0 to 230.0 ft, and by wireline coring from 100.0 to 216.0 ft. The borehole was sampled by continuous wireline coring from 100.0 to 216.0 ft, and wash cuttings were taken from 0 to 100.0 ft. The borehole was reamed from 0 to 223.0 ft and backfilled from 230.0 to 188.2 ft. Drilling began 4/19/90; grouting was completed 5/9/90; and the pump was installed 7/13/90. The total depth of the borehole is 230.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	214.5	0–212.0
Screen	4" 0.016"-slot wirewrap PVC	4.7	212.0–216.7
Sump	4" PVC	2.9	216.7–219.6
Pump	Grundfos 10S05-9	–	213.5

MSB 6C

The borehole was drilled by the mud rotary method from 0 to 159.0 ft. Drilling began 5/7/90; grouting was completed 5/10/90; the pump was installed 7/3/90. The total depth of the borehole is 159.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	150.5	0–148.0
Screen	4" 0.016"-slot wirewrap PVC	4.7	148.0–152.7
Sump	4" PVC	2.9	152.7–155.6
Pump	Grundfos 10S05-9	–	148.5

MSB 63B

The borehole was drilled from 0 to 10.0 ft and sampled by wireline coring from 0 to 228.0 ft. The borehole was backfilled from 228.0 to 217.0 ft and reamed from a depth of 0 to 217.0 ft. Drilling began 3/13/90; grouting was completed 3/21/90; the pump was installed 5/23/90. The total depth of the borehole is 228.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	206.5	0–204.0
Screen	4" 0.016"-slot wirewrap PVC	4.7	204.0–208.7
Sump	4' PVC	5.5	208.7–214.2
Pump	Grundfos 10S05-9	–	202.0

MSB 63D

The borehole was drilled by the auger method from 0 to 130.0 ft and reamed from a depth of 0 to 137.5 ft. Drilling began 5/29/90; grouting was completed 7/11/90; the pump was installed 8/29/90. The total depth of the borehole is 137.5 ft below ground level.

MSB 63D (cont.)

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	114.5	0–112.0
Screen	4" 0.015"-slot PVC	20.0	112.0–132.0
Sump	4" PVC	3.0	132.0–135.0
Pump	Grundfos 10S05-9	–	127.5

MSB 64D

The borehole was drilled by the auger method from 0 to 130.0 ft and by the mud rotary method from 0 to 142.0 ft. The borehole was reamed from 0 to 142.0 ft. Drilling began 5/30/90; grouting was completed 7/23/90; the pump was installed 8/29/90. The total depth of the borehole is 142.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	4" PVC	119.0	0–116.5
Screen	4" 0.015"-slot PVC	20.0	116.5–136.5
Sump	4" PVC	3.1	136.5–139.6
Pump	Grundfos 10S05-9	–	132.5

MVC Series
M-Area Vadose Zone Vapor Probes

All of the wells in the **MVC Series** were drilled by the hollow-stem auger method. Geophysical logging was not conducted on any of the wells; lithologies were logged for each borehole. All of these wells were accepted by Westinghouse on 1/11/91. These wells were drilled in clusters of three; each cluster was placed in the same borehole, and each well in the cluster has a different length of casing. Therefore, the information on the borehole will be included only for the first well of a cluster. Since these are vapor probes, pumps were not installed in any of these wells.

MVC 2A

Split-spoon sampling was conducted at 5-ft intervals from 5.0 to 120.0 ft, and Shelby-tube samples were taken at three depths – 15.0 ft, 65.0 ft, and 105.0 ft. There was no beginning date for drilling in the well construction records; grouting for this well was completed 9/13/90. The total depth of the borehole is 120.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	104.5	0–102.0
Screen	0.75–1" 0.010"-slot S.S.	5.0	102.0–107.0

WELL CONSTRUCTION

MVC 2B

This well was not grouted because the bentonite seal was too close to MVC 2C.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	70.3	0–67.8
Screen	0.75–1" 0.010"-slot S.S.	5.0	67.8–72.8

MVC 2C

Grouting was completed 9/17/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	46.5	0–44.5
Screen	0.75–1" 0.010"-slot S.S.	5.0	44.5–49.5

MVC 3A

Split-spoon sampling was conducted at 5-ft intervals from 5.0 to 110.0 ft, and Shelby-tube samples were taken at three depths – 15.0 ft, 80.0 ft, and 105.0 ft. There was no beginning date given for drilling; grouting for this well was completed 9/2/90. The total depth of the borehole is 110.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	104.5	0–102.0
Screen	0.75–1" 0.010"-slot S.S.	5.0	102.0–107.0

MVC 3B

This well was not grouted; additional bentonite was used to seal the zone instead of grouting.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	67.5	0–65.0
Screen	0.75–1" 0.010"-slot S.S.	5.0	65.0–70.0

MVC 3C

Grouting was completed 9/24/90.

Item	Type	Length (ft)	Placement (ft)
Casing	1" PVC	50.5	0–48.0
Screen	0.75–1" 0.010"-slot S.S.	5.0	48.0–53.0

MVE Series
M-Area Vadose Zone Vapor Extraction Wells

Geophysical logging was not conducted on this well, but lithologies were logged. Since this is a vapor extraction well, no pump was installed. This well was accepted by Westinghouse on 1/11/91.

MVE 4

The borehole was drilled by the hollow-stem auger method from 0 to 125.0 ft. Split-spoon sampling was conducted at 5-ft intervals from 5.0 to 125.0 ft, and Shelby-tube samples were taken at three depths—25.0 ft, 70.0 ft, and 100.0 ft. The borehole was reamed from a depth of 0 to 50.0 ft. There was no beginning date given for drilling; grouting was completed 9/19/90.

Item	Type	Length (ft)	Placement (ft)
Casing	4" C.S.	58.2	0–53.6
Screen	4" S.S.	61.4	53.6–115

RWM Series
M-Area Recovery Wells

The drilling and sampling methods for the wells in the **RWM Series** are noted under each well. Lithologies were logged, and geophysical logging was conducted for RWM 12 and RWM 16. RWM 16PA and RWM 16PB are piezometers that were installed as observation wells for the pump test for RWM 16. RWM 12 and 16 will have pumps installed at a later date.

RWM 12

The borehole was drilled and sampled by continuous wireline coring from 0 to 221.0 ft. The borehole was backfilled from 221.0 to 201.0 ft and reamed from a depth of 0 to 211.0 ft. Drilling began 11/28/89, and grouting was completed 1/16/90. The total depth of the borehole is 221.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	6" C.S.	145.5	0–143.5
	6" S.S.	5.1	143.5–148.6
	6" S.S.	10.1	169.1–179.2
Screen	6" 0.018"-slot wirewrap S.S.	20.5	148.6–169.1
	6" 0.018"-slot wirewrap S.S.	20.5	179.3–199.8
Sump	6" S.S.	5.2	199.8–205.0

RWM 16

The borehole was drilled by the mud rotary method from 0 to 10.0 ft and by continuous wireline coring from 10.0 to 224.0 ft. Continuous wireline coring was taken from 10.0 to 224.0 ft. The borehole was backfilled from 224.0 to 182.0 ft and reamed from a depth of 0 to 180.0 ft. Drilling began 3/1/90, and grouting was completed 5/1/90. The total depth of the borehole is 224.0 ft below ground level.

RWM 16 (cont.)

Item	Type	Length (ft)	Placement (ft)
Casing	6" C.S.	132.5	0–130.0
	6" S.S.	5.4	150.4–155.8
Screen	6" 0.018"-slot wirewrap S.S.	20.4	130.0–150.4
	6" 0.018"-slot wirewrap S.S.	15.4	155.8–171.2
Sump	6" S.S.	5.2	171.2–176.4

RWM 16PA

The borehole was drilled by the mud rotary method from 0 to 182.0 ft. Drilling began 7/12/90, and grouting was completed 7/26/90. The total depth of the borehole is 182.0 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	2" PVC	141.5	0–139.0
Screen	2" 0.018"-slot PVC	40.1	139.0–179.1
Sump cap	2" PVC	0.4	179.1–179.5

RWM 16PB

The borehole was drilled by the mud rotary method from 0 to 171.5 ft. Drilling began 7/16/90, and grouting was completed 7/26/90. The total depth of the borehole is 171.5 ft below ground level.

Item	Type	Length (ft)	Placement (ft)
Casing	2" PVC	131.0	0–128.5
Screen	2" 0.018"-slot PVC	40.1	128.5–168.6
Sump cap	2" PVC	0.5	168.6–169.1

WELL STABILIZATION

No well stabilizations were reported for third quarter 1990.

NOTES

ENVIRONMENTAL SOIL BORINGS

The sources of data for this section are SRS Soil Boring Installation Reports and SRP Daily Activities Reports. SEC, the oversight group, kept these records during second and third quarters 1990. GEGS performed the drilling. The completion date given for each boring is the date drilling was completed, unless otherwise noted.

M-Area Horizontal Well Characterization

The borings in Table 9 were drilled by the mud-rotary method and sampled by hydropunch sampling. These borings were installed as part of the Horizontal Well Characterization Program. The MHP-7 boring was drilled by the auger method from 0–145 ft and by mud rotary from 145–195 ft. No boring samples were collected at MHP-1 and MHP-1B, and the boring samples collected at MHP-10 could not be used.

Table 9. M-Area Horizontal Well Characterization Environmental Soil Borings

Boring ID	Completion	Depth (ft)
MHP-1	06/29/90	145.0
MHP-1B	03/19/90	124.0
MHP-2	03/16/90	175.0
MHP-2B	03/26/90	196.5
MHP-3	03/19/90	193.0
MHP-4	04/11/90	192.0
MHP-5	03/30/90	192.0
MHP-6	04/27/90	193.0
MHP-7	03/14/90	195.0
MHP-8	03/07/90	184.0
MHP-9	03/02/90	165.0
MHP-9B	03/09/90	190.0
MHP-10	02/23/90	182.0

NOTES

SURVEYING

The source of data for Table 10 is a database maintained by Surveying and Mapping Consultants (SMC) of Tigerville, SC. SMC conducted the following surveying between 7/1/90 and 9/30/90. Elevations are in feet above mean sea level.

Table 10. Survey Information

Well	SRS Coordinates North	SRS Coordinates East	Top of Casing Elevation	Ground Elevation	Final Height of Casing Above Ground
CSD 1D	63,255.84	50,170.54	315.35	313.4	1.95
CSD 2D	63,126.17	50,143.96	310.84	308.8	2.04
CSD 4D	63,143.81	50,058.93	308.48	306.5	1.98
CSD 8D	63,195.00	49,903.13	303.88	301.8	2.08
CSD 9D	63,080.90	49,838.79	298.19	296.2	1.99
CSD 10D	63,094.07	49,806.54	296.63	294.5	2.13
CSD 11D	63,956.32	49,763.85	293.04	290.9	2.14
CSD 12D	63,004.70	49,937.28	301.57	299.5	2.07
CSD 13D	62,897.83	49,665.50	289.46	287.4	2.06
MSB 5B	101,971.14	46,983.64	345.45	343.5	1.95
MSB 5C	101,970.43	46,968.62	345.66	343.5	2.16
MSB 6B	101,148.54	46,321.55	345.30	342.3	3.00
MSB 6C	101,169.07	46,324.09	344.21	342.5	1.71
MSB 64D	101,854.81	46,598.49	348.97	347.0	1.97
MSB 77B	107,065.82	54,217.35	357.74	355.6	2.14
MSB 77C	107,078.25	54,225.91	357.65	355.7	1.95
MSB 77D	107,090.66	54,233.40	357.84	355.7	2.14
MSB 77TA	107,053.75	54,208.87	357.39	355.4	1.99
MSB 82A	107,529.49	51,978.39	374.45	372.3	2.15
MSB 82B	107,533.40	51,993.25	374.41	372.4	2.01
MSB 82D	107,518.05	51,934.64	373.74	371.6	2.14
MSB 82TA	107,525.70	51,964.18	373.84	372.0	1.84
MSB 85D	107,822.78	53,108.77	381.36	379.3	2.06
MSB 86C	108,500.39	53,560.51	357.41	355.2	2.21
SCA 3	73,959.32	64,571.23	287.31	285.3	2.01
SCA 3A	73,965.00	64,571.15	287.28	285.3	1.98
SCA 4	73,856.48	64,563.54	286.16	283.9	2.26
SCA 4A	73,855.18	64,567.16	286.11	283.9	2.21
SCA 5	74,092.85	64,630.77	288.13	286.1	2.03
SCA 6	73,706.22	64,637.46	285.81	283.8	2.01

NOTES

SAMPLE SCHEDULING

Routine comprehensive analyses, flagging criteria, indicator parameters, regulatory requirements, and special custodian requests are used to generate the *The Savannah River Site's Groundwater Monitoring Program 1990 Sampling Schedule.* The scope of the groundwater sampling program for third quarter 1990 is demonstrated in Figure 3.

EPD/EMS personnel also schedule certain wells for routine radioactive analyses and the A/M-Areas wells by special custodian request. Some of these wells are included in the EPD/EMS groundwater monitoring program.

ROUTINE COMPREHENSIVE ANALYSES

Four quarters of comprehensive analyses (silver, arsenic, barium, cadmium, chromium, mercury, lead, selenium, fluoride, nitrate, total radium, gross alpha, nonvolatile beta, chloride, iron, manganese, phenols, sodium, sulfate, pH, specific conductance, total organic carbon, total organic halogens, major ions, phosphate, total dissolved solids, and tritium) are scheduled for wells new to the groundwater monitoring program. Herbicide/pesticide analyses are included only in the first quarter of comprehensives.

After the first four quarters of comprehensives, comprehensive analyses are scheduled every 2 years for each well series. Wells that are exclusively sampled for radionuclide analyses are not included in these biennial comprehensive analyses. Certain wells in the A/M Areas are scheduled only for GC VOA analysis at the M-Area Laboratory and are also excluded from the biennial comprehensives.

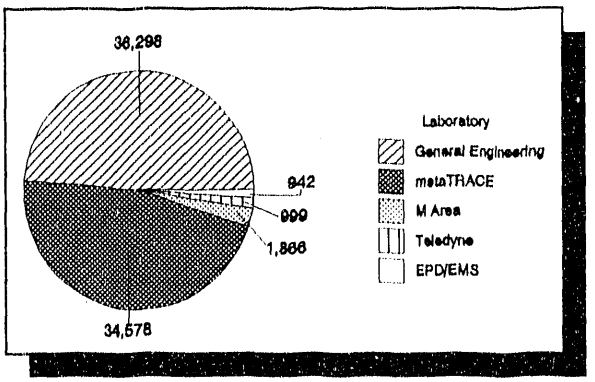


Figure 3. The Number of Analyses Performed During Third Quarter 1990

FLAGGING CRITERIA

Analytes detected above prescribed levels are assigned flagging values of either 1 or 2. In routine scheduling, analytes detected above Flag 1 are subsequently scheduled once a year (first quarter), and those above Flag 2 are scheduled 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.

Scheduling for flagged analytes from wells monitored by routine radioactive sampling follows a different scheme from those monitored by routine sampling. The EPD/EMS Laboratory at SRS analyzes gross alpha, nonvolatile beta, tritium, strontium, chemical cesium, and gamma

PHA. The laboratory also uses gamma PHA and alpha spectroscopy to analyze for other radioactive isotopes. Analytes above Flag 1 are scheduled for two analyses per year, and analytes above Flag 2 are scheduled for four analyses per year.

Another exception to the previously outlined flagging rules concerns wells in the A/M Areas that are exclusively monitored by the A/M Areas. These wells are sampled by EPD/EMS by special request from the site custodians. However, if a well that is exclusively monitored by the A/M Areas yields an analyte exceeding Flag 2, this analysis must be verified by scheduling offsite analysis.

The schedule is cleared of unnecessary flags using the following rules. If an analyte is scheduled with a Flag 2 and yields three subsequent results that do not equal or exceed Flag 2, then the Flag 2 for that analyte is changed to a Flag 1. Similarly, if an analyte 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.

INDICATOR PARAMETERS

When any one of the six herbicide/pesticide constituents 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 set of GC VOA or GCMS VOA is flagged.

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

The Appendix IX, Base/Neutral/Acid, and Organochlorine Pesticides analytical suites contain many compounds with no established drinking water standards; therefore, they do not have clearly established flagging criteria. Thus, for RCRA wells, any compound detected is scheduled as a Flag 1. Each compound is requested on a compound-specific basis, and all wells in the series are tested for that particular compound once a year according to the rules for Flag 1.

If any two consecutive results of total organic halogens (TOH) analyses are >10 μg/L, and the well has not had a GCMS VOA analysis since those two >10 μg/L results, then the well is scheduled for a GCMS VOA analysis. Only the well that yielded the two elevated results is scheduled.

REGULATORY REQUIREMENTS

The schedule also contains routine quarterly sampling requests for the RCRA wells.

SAMPLE COLLECTION

Sample collection was performed by EPD/EMS personnel and by Ge-Hy Sampling of New Ellenton, SC.

Each sampler maintained a field notebook. Field measurements were pH, temperature, specific conductance, air temperature, depth to the water prior to pumping, and volume of water pumped prior to sampling. These field books are located in the third quarter 1990 section of the EPD/EMS Groundwater Monitoring Library.

All sample collections were routine during the third quarter of 1990, except as indicated in Table 11. The samplers' observations about the water sample, well condition, and any special method of collecting also are noted in the table. All wells were pumped except as noted.

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 is given in the **Analytical Results** section for each sampling event.

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

Table 11. Comments From the Field Data

Well	Date	Comments
ABP Series		
ABP 2A	08/23/90	Trace of fine sand
ABP 3	08/23/90	Pump riser dropped; plumbing broken between sampling tee and gate valve
ABP 3C	08/27/90	Trace of sand; no well identification sign
ABP 8C	08/27/90	Dry after 1.5 gal
	08/28/90	Turbid; tan
ABP 8D	08/23/90	Pump not working properly
AC Series		
AC 1B	08/10/90	No water in standpipe
	09/05/90	No water in standpipe
AC 2F	08/10/90	No water in standpipe
	09/05/90	No water in standpipe

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
AMB Series		
AMB 4	07/19/90	Dry after 3.6 gal
AMB 5	09/03/90	No water in standpipe
AMB 6	07/19/90	Light tan
AMB 7	07/19/90	Dry after 6 gal
AOB Series		
AOB 3	07/13/90	Dry after 6.5 gal
ARP Series		
ARP 1A	08/10/90	No water in standpipe
	09/06/90	No water in standpipe
ARP 2	08/10/90	Aerated
ARP 4	08/10/90	No water in standpipe; trace of sand
	09/06/90	No water in standpipe
ASB Series		
ASB 1A	07/27/90	No water in standpipe
	09/04/90	No water in standpipe
ASB 3A	07/27/90	Aerated; oily sheen
ASB 4	07/27/90	Aerated; traces of sand
ASB 5A	07/27/90	Traces of sand
BG Series		
BG 91	08/27/90	Dry after ~8 gal
	08/28/90	Light brown; turbid
BG 92	08/27/90	Dry after ~9 gal
	08/28/90	Light brown; weakly turbid
BG 94	08/21/90	Light brown; weakly turbid
BG 95	08/28/90	Pump would not start
BG 104	08/27/90	Dry after ~5 gal
	08/28/90	No water in standpipe; light brown; weakly turbid
BG 107	08/28/90	Pump would not start
BG 109	08/28/90	No water in standpipe
BG 110	08/27/90	Dry after ~23 gal
BG 121	08/27/90	Dry after bailing ~1.5 gal
	08/28/90	Brown; turbid
BGO Series		
BGO 1D	07/24/90	Dry after 4.5 gal
BGO 3D	07/25/90	No access
BGO 4D	07/25/90	No access

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
BGO Series (cont.)		
BGO 5C	07/24/90	Dry after 15 gal
	07/25/90	Brown; turbid
BGO 5D	07/24/90	Dry after 4 gal
	07/25/90	Light brown; turbid
BGO 6D	07/24/90	Dry after 6 gal
	07/25/90	Light brown; weakly turbid
BGO 7D	07/25/90	Unable to sample due to well renovation
BGO 8A	07/25/90	Unable to sample due to well renovation
BGO 8C	07/25/90	Unable to sample due to well renovation
BGO 8D	07/25/90	Unable to sample due to well renovation
BGO 10C	07/24/90	Dry after 36 gal
	07/25/90	Light brown; weakly turbid
BGO 12A	07/24/90	Dry after 24 gal
BGO 12C	07/25/90	Unable to sample due to well renovation
BGO 12D	07/24/90	Dry after 6 gal
BGO 13D	07/24/90	Dry after ~1 gal
	07/25/90	No water in standpipe (~88 ft); aerated
BGO 14A	07/30/90	Dry after 19 gal
BGO 14C	07/30/90	Aerated
BGO 15D	07/30/90	Aerated
BGO 16A	08/16/90	Dry after ~19 gal
BGO 16D	08/16/90	Dry after ~2.5 gal
	08/17/90	Aerated; turbid
BGO 17D	08/16/90	Unable to sample due to road built on top of well
BGO 20D	08/16/90	Dry after ~6 gal
	08/17/90	Light brown; weakly turbid
BGO 21D	08/16/90	Dry after ~6 gal
	08/17/90	Light brown; turbid
BGO 24D	08/16/90	Dry after 4.8 gal
BGO 25A	07/24/90	Dry after ~18 gal
BGO 26A	07/30/90	Dry after 33 gal
BGO 26D	07/30/90	Dry after 5.8 gal
	07/31/90	Aerated; very light brown; weakly turbid
BGO 27D	07/30/90	Dry after 8.8 gal
	07/31/90	Light brown; turbid
BGO 28D	07/30/90	Dry after 5.8 gal
	07/31/90	Brown; turbid
BGO 29A	07/30/90	Dry after 30 gal
BGO 30C	07/30/90	Dry after 18.5
	07/31/90	Brown; turbid
BGO 30D	07/30/90	Dry after 8.4 gal
	07/31/90	Brown; turbid
BGO 31C	07/30/90	Dry after 27 gal
BGO 31D	07/30/90	Dry after 6 gal
	07/31/90	Light brown; turbid; aerated
BGO 32D	07/30/90	Dry after 3.8 gal
	07/31/90	Brown; turbid

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
BGO Series (cont.)		
BGO 33D	07/30/90	Dry after 7.6 gal
	07/31/90	Light brown; turbid
BGO 34D	07/30/90	Dry after 9.7 gal
	07/31/90	Light brown; turbid
BGO 35D	07/30/90	Dry after 7.1 gal
	07/31/90	Brown; turbid; aerated
BGO 36D	07/30/90	Dry after 5.8 gal
	07/31/90	Brown, turbid
BGO 37D	07/30/90	Dry after 4.7 gal
BGO 38D	07/30/90	Dry after 5.7 gal
	07/31/90	Light brown; turbid
BGO 39D	07/30/90	Dry after 4 gal
BRD Series		
BRD 5D	09/12/90	Slightly turbid; light tan
BRR Series		
BRR 1D	08/15/90	Dry after 4 gal
	08/16/90	Aerated; moderately turbid; light orange; no well identification sign
BRR 2D	08/15/90	Dry after 8 gal
	08/16/90	No well identification sign
BRR 3D	08/15/90	Dry after 10 gal
	08/16/90	No well identification sign
BRR 4D	08/15/90	Dry after 6 gal
	08/16/90	Moderately turbid; light orange; aerated; no well identification sign
BRR 5D	08/15/90	Dry after 1.5 gal
	08/16/90	No water in standpipe; aerated; lightly turbid; light tan; no well identification sign
CBR Series		
CBR 1D	08/30/90	Dry after 12 gal; aerated; no well identification sign
CBR 2D	08/30/90	No well identification sign
CBR 3D	08/30/90	No well identification sign
CCB Series		
CCB 1	08/29/90	No water in standpipe
CCB 2	08/29/90	Slightly turbid; light pink
CCB 3	08/29/90	Dry after 6 gal; slightly turbid; light pink

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
CDB Series		
CDB 1	08/28/90	Dry after 8 gal; very weakly turbid; light brown
CDB 2	08/28/90	Dry after 4.5 gal; weakly turbid; light brown
CMP Series		
CMP 11	08/14/90	Dry after 12 gal
CMP 12	08/14/90	Dry after 11 gal
CMP 13	08/14/90	Dry after ~5.4 gal
	08/15/90	Light brown; weakly turbid
CMP 15B	08/14/90	Dry after 19 gal
CRP Series		
CRP 3	08/29/90	No water in standpipe; dry after 7 gal
CSA Series		
CSA 1	08/30/90	No water in standpipe
CSB Series		
CSB 2A	08/14/90	Dry after ~2.5 gal
	08/15/90	Very weakly turbid
CSB 3A	08/14/90	Dry after ~3.5 gal
	08/15/90	Very weakly turbid
CSB 4A	08/15/90	Red brown; turbid
CSB 5A	08/14/90	Dry after ~4 gal
CSD Series		
CSD 1D	08/31/90	Dry after bailing 7.5 gal; turbid; light tan
	09/07/90	Dry after bailing 8 gal; no well identification sign
CSD 4D	08/31/90	Dry after 14 gal
	09/07/90	Dry after 13.5 gal; no well identification sign
CSD 8D	09/07/90	No well identification sign
CSD 9D	09/07/90	No well identification sign
CSD 10D	09/07/90	No well identification sign
CSD 11D	08/31/90	Dry after 10.5 gal
	09/07/90	Dry after 10.5 gal; no well identification sign
CSD 12D	09/07/90	No well identification sign
CSD 13D	09/07/90	No well identification sign
CSR Series		
CSR 1	08/30/90	Slightly turbid; light tan

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
DCB Series		
DCB 6	08/29/90	Dry after ~4 gal
	08/30/90	Very light gray; weakly turbid; no well identification sign
DCB 7	08/30/90	Brown
DCB 11	08/29/90	Dry after ~9 gal
	08/30/90	No well identification sign
DCB 13	08/29/90	Dry after ~1.6 gal
	08/30/90	No water in standpipe; very light brown; very weakly turbid
DCB 15	08/29/90	Dry after ~5.7 gal
	08/30/90	Light brown; turbid
DCB 16	08/29/90	Dry after ~4 gal
	08/30/90	Brown; turbid
DOB Series		
DOB 1	08/29/90	Aerated
FAC Series		
FAC 3	08/21/90	Dry after bailing ~0.5 gal
	08/22/90	Light brown; turbid
FAC 5	08/21/90	Dry after bailing ~8 gal
	08/22/90	Light brown; turbid
FAC 6	08/21/90	Dry after bailing 2.75 gal
	08/22/90	Weakly turbid
FAC 7	08/21/90	Dry after bailing ~3 gal
	08/22/90	Light brown; weakly turbid
FAC 8	08/21/90	Dry after bailing ~11.5 gal
	08/22/90	Light brown; turbid
FAL Series		
FAL 1	09/12/90	Dry after ~5 gal
FAL 2	09/12/90	Dry after ~0.5 gal
	09/13/90	Orange brown; turbid
FCA Series		
FCA 1N	09/10/90	Dry after bailing ~3 gal
	09/11/90	Moderately turbid; light orange
FCA 2C	09/10/90	Dry after bailing 1 gal
	09/11/90	Moderately turbid; light yellow orange; bailed dry after 100 mL; insufficient water to measure alkalinity
FCA 2D	09/10/90	Dry after bailing ~100 mL
	09/11/90	Insufficient water to measure alkalinity; turbid; dark orange
FCA 9C	09/10/90	Trash in well casing prevented access
FCA 9D	09/11/90	Dry after bailing 0.33 gal; slightly turbid; light tan

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
FCA Series (cont.)		
FCA 10A	09/10/90	Dry after bailing 1.1 gal
	09/11/90	Moderately turbid; light orange; insufficient water to complete sample collection; no well identification sign
FCA 16A	09/11/90	Dry after bailing ~5 gal; moderately turbid; light orange
FCA 16B	09/11/90	Dry after bailing 0.25 gal; turbid; light tan; strong odor like decaying organics
FCA 16D	09/10/90	Dry after bailing ~0.3 gal
	09/11/90	Moderately turbid; light orange
FCA 16T	09/11/90	Dry after bailing ~1 gal; moderately turbid; light orange
FCA 19D	09/10/90	Dry after 2.3 gal
	09/11/90	Aerated; milky; no well identification sign
FCB Series		
FCB 4	09/12/90	Dry after ~9.5 gal
	09/13/90	Light brown; turbid
FCB 5	08/06/90	Dry after ~1.5 gal
FCB 6	08/06/90	Dry after ~1 gal
FET Series		
FET 1D	08/06/90	Dry after 5.2 gal
FNB Series		
FNB 1	08/08/90	Very light brown; weakly turbid
FNB 2	08/07/90	Light brown; weakly turbid
FNB 4	08/08/90	Light brown; weakly turbid
FSB Series		
FSB 77	09/26/90	Pump would not start; brown; turbid
FSB 78C	07/12/90	Dry after 21 gal
FSB 88D	07/11/90	Dry after 5.0 gal
FSB 90C	07/11/90	Dry after 22 gal
FSB 90D	07/11/90	Dry after 3.2 gal
FSB 91C	07/11/90	Dry after 18 gal
FSB 91D	07/11/90	No water in standpipe
FSB 93D	07/11/90	Dry after 4.5 gal
FSB 94C	07/17/90	Dry after 32 gal; aerated; turbid; light tan gray
FSB 95C	07/17/90	Dry after 23 gal
FSB 96A	07/17/90	Dry after 18 gal
FSB 97C	07/17/90	Dry after 26 gal
FSB 97D	07/17/90	Dry after 1 gal
FSB 98D	07/17/90	Dry after 7 gal
	07/18/90	Aerated; turbid; light orange

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
FSB Series (cont.)		
FSB105D	07/16/90	Dry after 0.5 gal
	07/17/90	No water to surface after 24 hrs recovery
FSB108D	07/18/90	Dry after 4 gal
FSB110D	09/26/90	Aerated
FSS Series		
FSS 1D	08/06/90	Dry after 5.7 gal
	08/07/90	Brown; turbid; aerated
FSS 2D	08/06/90	Dry after 5.3 gal
	08/07/90	Brown; turbid
FSS 3D	08/06/90	Dry after 7 gal
	08/07/90	Brown; turbid
FSS 4D	08/06/90	Dry after 7.5 gal
	08/07/90	Light brown; turbid
FTF Series		
FTF 5	08/16/90	Construction in area—could not sample well
GBW Series		
GBW 1	09/11/90	Light brown; weakly turbid
HAC Series		
HAC 2	08/01/90	Dry after 2.5 gal
HAC 3	08/01/90	Dry after 4.5 gal
HCA Series		
HCA 1	08/01/90	Dry after 12 gal
HCA 2	08/01/90	Very light brown; very weakly turbid
HCA 3	08/01/90	Dry after 9 gal
HCA 4	08/01/90	Dry after 15 gal
HCB Series		
HCB 1	08/03/90	Standing water surrounding well
HCB 2	08/03/90	Brown; turbid
HCB 4	08/03/90	Flowmeter not working; estimated volume purged
HET Series		
HET 1D	09/19/90	No well identification sign
HET 2D	09/18/90	Dry after ~6 gal
	09/19/90	Light brown; weakly turbid; no well identification sign

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
HET Series (cont.)		
HET 3D	09/18/90	Dry after ~7.8 gal
	09/19/90	No well identification sign
HET 4D	09/18/90	Dry after ~11 gal
	09/19/90	Light brown; weakly turbid; no well identification sign
HR8 Series		
HR8 13	07/27/90	Very light brown; weakly turbid
HSB Series		
HSB 68A	07/17/90	Flowmeter not working, estimated volume purged
HSB 68C	07/17/90	Dry after 14 gal
HSB 70C	07/10/90	Dry after 25 gal
	07/11/90	Aerated
HSB 71C	07/17/90	Dry after 18 gal
HSB 84C	07/10/90	Dry after 13 gal
HSB 85B	07/12/90	Dry after 45 gal
HSB 86D	07/10/90	Very light brown; very weakly turbid
HSB101C	07/19/90	Slightly aerated
HSB102D	07/23/90	Dry after ~4 gal
HSB108D	07/19/90	Light brown; weakly turbid
HSB109D	07/19/90	No water in standpipe
HSB111E	07/23/90	Light brown; weakly turbid
HSB112E	07/23/90	Dry after ~1 gal
	07/24/90	Brown; turbid
HSB114D	07/10/90	No water in standpipe (~42 ft)
HSB115D	07/10/90	Dry after 5 gal
	07/11/90	Red brown; turbid
HSB117D	07/18/90	Very light gray; turbid
HSB124A	07/12/90	Dry after 40 gal
HSB126D	07/17/90	Dry after ~5 gal
	07/18/90	Aerated
HSB129D	07/17/90	Slightly aerated
HSB130D	07/06/90	Flowmeter not working properly, estimated volume purged
HSB131D	09/27/90	No water in standpipe
HSB132D	07/12/90	Flowmeter not working properly, estimated volume purged
HSB133D	07/20/90	Very light brown; very weakly turbid
HSB135C	07/17/90	Weakly turbid
HSB135D	07/17/90	Very light brown; very weakly turbid
HSB139C	07/17/90	Dry after ~25 gal
HSS Series		
HSS 1D	08/07/90	Dry after 19 gal
HSS 3D	08/07/90	Dry after 12 gal; red brown; turbid

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
HTF Series		
HTF 3	07/27/90	Could not sample well–construction in area
HWS Series		
HWS 1A	08/31/90	Dry after 2 gal
IDB Series		
IDB 1A	09/18/90	Dry after 12 gal
IDB 1B	09/18/90	Dry after 6.5 gal
IDB 5	09/18/90	Dry after 1.8 gal
IDB 8	09/18/90	Dry after 6.5 gal
IDP Series		
IDP 3C	09/13/90	Dry after 10 gal
IDQ Series		
IDQ 1	09/17/90	No pump in well; no cap or protective casing
IDQ 2	09/17/90	Dry after 3 gal
	09/18/90	No water in standpipe
IDQ 3C	09/17/90	Dry after 7.5 gal
IDQ 6	09/17/90	Dry after 3.5 gal
IDQ 7	09/17/90	Dry after 6.5 gal
	09/18/90	No water in standpipe
KAB Series		
KAB 1	08/09/90	Dry after ~8 gal
KAB 2	08/09/90	Dry after 2 gal; red brown; turbid
KAB 3	08/09/90	Very light brown; very weakly turbid
KAB 4	08/09/90	Very light brown
KAC Series		
KAC 1	08/02/90	Very light brown; weakly turbid
KAC 6	08/02/90	Dry after 4.5 gal
	08/03/90	Light brown; turbid
KAC 7	08/02/90	Dry after 3.7 gal
	08/03/90	Light brown; turbid
KCB Series		
KCB 1	08/09/90	Light brown; weakly turbid
KCB 2	08/09/90	Orange brown; strongly turbid; sand
KCB 4	08/09/90	Flowmeter not working; estimated volume purged

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
KDB Series		
KDB 1	08/28/90	Dry after 12.5 gal; oil-like substance on surface; weakly turbid; light brown
KDB 2	08/28/90	No well identification sign
KDB 3	08/28/90	Dry after 17 gal; weakly turbid; light brown
KDT Series		
KDT 1D	08/28/90	Dry after 9 gal; no well identification sign; weakly turbid; light brown
KRB Series		
KRB 1	08/23/90	Dry after 0.6 gal
	08/24/90	Moderately turbid; light pink
KRB 13	08/24/90	Area landscaped placing well below edge of pit; ground excavated 3 ft under one side of pad; pad and casing sprayed with tar
KRB 14	08/24/90	No well identification sign; top of casing is 8 ft above ground level
KRB 15	08/24/90	Pad elevated 3 ft above grade and broken; plumbing broken
KSB Series		
KSB 2	08/24/90	Moderately turbid; light tan
KSB 3	08/24/90	Moderately turbid; light pink
KSS Series		
KSS 2D	08/09/90	Flowmeter not working, estimated volume purged; very light brown; turbid
LCO Series		
LCO 1	08/13/90	Dry after 7.2 gal; moderately turbid; light tan
LCO 4	08/13/90	Aerated
LDB Series		
LDB 1	09/13/90	Dry after 16 gal; weakly turbid; light brown
LDB 2	09/13/90	Dry after 22 gal
LFW Series		
LFW 6	08/24/90	Flowmeter not working, estimated volume purged
LFW 7	08/24/90	Weak onion-like odor
LFW 8	08/20/90	Onion-like odor; light brown; flowmeter not working, estimated volume purged
LFW 10A	08/24/90	Flowmeter not working properly, estimated volume purged
LFW 17	08/24/90	Weak onion-like odor

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
LFW Series (cont.)		
LFW 18	08/24/90	Weak onion-like odor
LFW 20	08/27/90	Flowmeter not working, estimated volume purged
LFW 28	08/27/90	Dry after ~11 gal
	09/30/90	Dry after 11.5 gal
MCB Series		
MCB 2	08/27/90	Dry after 7 gal
MCB 4	08/27/90	Dry after 2.5 gal
MCB 5	08/27/90	Dry after 7.5 gal
MCB 5C	08/27/90	Dry after 9 gal
MCB 6	08/27/90	Dry after 1.8 gal
	08/28/90	Samples had floating particles—possible insect parts
MCB 6C	08/27/90	Moderately turbid; light tan
MCB 7C	08/27/90	Dry after 9.5 gal
	08/28/90	Strongly turbid; dark yellow orange
MSB Series		
MSB 1A	09/05/90	No water in standpipe
MSB 2A	07/02/90	No water in standpipe
	09/05/90	No water in standpipe
MSB 3A	09/05/90	No water in standpipe
MSB 4A	09/05/90	No water in standpipe
MSB 5A	07/02/90	No water in standpipe
	09/06/90	No water in standpipe
MSB 6A	07/05/90	Aerated
MSB 8A	07/02/90	Small amount of oil-like film on surface
	09/06/90	No water in standpipe
MSB 9B	07/03/90	Dry after 8 gal
MSB 9C	07/03/90	No water in standpipe
	07/27/90	No water in standpipe
	09/05/90	No water in standpipe
MSB 11F	07/03/90	No water in standpipe
	09/05/90	No water in standpipe
MSB 12D	09/06/90	No water in standpipe
MSB 13B	05/06/90	Dry after ~2 gal
	07/05/90	Aerated
	07/27/90	Dry after ~2 gal
MSB 14A	09/25/90	Strongly turbid; sand
MSB 14B	07/04/90	Slightly aerated
MSB 14C	07/04/90	Dry after 0.5 gal
	07/05/90	No water in standpipe; aerated
	07/27/90	Dry after ~0.5 gal; no water in standpipe
	09/05/90	No water in standpipe
MSB 15A	09/25/90	Weakly turbid; light brown

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
MSB Series (cont.)		
MSB 15C	07/23/90	Water level indicator box mounted ~1 ft above well
	09/25/90	Dry after bailing ~0.5 gal
	09/26/90	Brown; turbid
MSB 15D	07/23/90	Dry after 0.5 gal
	07/24/90	Aerated
MSB 18C	07/03/90	Dry after 4 gal
MSB 20A	09/25/90	Weakly turbid; brown
MSB 20C	07/03/90	Dry after 2.5 gal
	07/04/90	No water in standpipe
	09/05/90	No water in standpipe
MSB 22	09/05/90	No water in standpipe
MSB 23	09/05/90	No water in standpipe
MSB 23TA	07/30/90	Turbid; rust brown; sample collected at each of first five well volumes
	08/30/90	Turbid; brown; sample collected at each of first five well volumes
	09/28/90	Weakly turbid; sample collected at each of first five well volumes
MSB 24	07/30/90	Dry after 5.1 gal
MSB 25	09/05/90	No water in standpipe
MSB 26	07/24/90	No water in standpipe
	09/05/90	No water in standpipe
MSB 27A	09/05/90	No water in standpipe
MSB 27B	08/03/90	Flowmeter not working properly; estimated volume purged
MSB 29A	07/05/90	No water in standpipe
	09/03/90	No water in standpipe
MSB 30AA	07/05/90	Dry after 71 gal
MSB 31A	07/25/90	No water in standpipe
MSB 33	07/25/90	No water in standpipe
	09/04/90	No water in standpipe
MSB 34A	09/25/90	Weakly turbid; light brown
MSB 34C	07/29/90	No water in standpipe
	09/04/90	No water in standpipe
MSB 34TA	07/29/90	No water in standpipe
MSB 35D	09/04/90	No water in standpipe
MSB 36D	09/04/90	No water in standpipe
MSB 37A	07/29/90	Dry after 70 gal
MSB 37D	07/29/90	No water in standpipe
	09/04/90	No water in standpipe
MSB 38D	09/04/90	No water in standpipe
MSB 39A	07/06/90	Dry after 61 gal
MSB 40C	07/02/90	No water in standpipe
	09/04/90	No water in standpipe
MSB 40D	07/02/90	Dry after 0.1 gal
	07/03/90	No water in standpipe
	09/04/90	No water in standpipe
MSB 41D	09/03/90	No water in standpipe
MSB 42C	07/26/90	No water in standpipe
	09/04/90	No water in standpipe

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
MSB Series (cont.)		
MSB 42D	09/04/90	No water in standpipe
MSB 44C	08/16/90	Sounded bottom of well at 146.44 ft; very turbid; brown; some fine sand
MSB 46A	07/09/90	Dry after 45 gal
MSB 46B	07/09/90	No water in standpipe
	09/04/90	No water in standpipe
MSB 47BB	08/07/90	Turbid; light tan; no well identification sign
MSB 47TA	08/07/90	Moderately turbid; light orange
	09/17/90	Weakly turbid; brown
MSB 48A	08/06/90	No well identification sign
MSB 48B	08/06/90	No well identification sign
MSB 48C	08/06/90	No well identification sign
MSB 48D	09/04/90	No water in standpipe
MSB 48TA	08/06/90	No well identification sign
MSB 49D	08/07/90	Dry after 8.5 gal
MSB 51D	07/09/90	Dry after 6 gal; lightly turbid; light tan
MSB 52D	08/08/90	Dry after 0.6 gal
MSB 54D	07/06/90	No water in standpipe
	09/04/90	No water in standpipe
MSB 55D	08/08/90	No water in standpipe; aerated
	09/04/90	No water in standpipe
MSB 55HC	08/08/90	Dry after 3.5 gal
	08/09/90	No well identification sign
MSB 61D	08/09/90	Dry after 3.5 gal
MSB 64B	08/09/90	No well identification sign
MSB 64C	08/09/90	No well identification sign
MSB 65D	08/09/90	No well identification sign
MSB 66D	08/12/90	Hand pump in well was inoperable
MSB 69B	08/12/90	No well identification sign
MSB 69C	08/12/90	Dry after 22 gal; no well identification sign
MSB 69D	08/12/90	No well identification sign
MSB 69TA	08/12/90	No well identification sign
MSB 71B	08/14/90	Dry after 41 gal
MSB 74B	08/06/90	No well identification sign
MSB 74C	08/06/90	Dry after 14 gal
	08/07/90	No well identification sign
MSB 74D	08/06/90	Dry after 3.4 gal
	08/07/90	No well identification sign
MSB 75B	08/06/90	Light tan; moderately turbid; no well identification sign
MSB 75C	08/06/90	Dry after 1.6 gal
	08/07/90	No well identification sign
MSB 79B	08/06/90	Dry after 32 gal
	08/07/90	Turbid; tan; no well identification sign
MSB 79C	08/06/90	Dry after 2.3 gal
	08/07/90	Turbid; tan; no well identification sign
MSB 82C	08/16/90	No well identification sign
MSB 85B	08/14/90	Lightly turbid; light orange; no well identification sign

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
MSB Series (cont.)		
MSB 85C	08/14/90	Dry after 24 gal; lightly turbid; light orange
MSB 85TA	08/14/90	Dry after 32 gal; well water was light tan then became light olive and very turbid; strong scent; no well identification sign
MSB 86C	08/13/90	Moderately turbid; light orange
NBG Series		
NBG 1	09/12/90	Dry after ~9 gal
	09/13/90	Light brown; turbid
NBG 2	09/12/90	Dry after ~12 gal
	09/13/90	Weakly turbid
NBG 3	09/12/90	Dry after ~5 gal
	09/13/90	Very light brown; turbid
NBG 4	09/12/90	Dry after ~5.2 gal
NBG 5	09/12/90	Dry after ~12.5 gal
P Series		
P 26D	09/20/90	Pump would not start
PAC Series		
PAC 2	08/06/90	Very light brown; weakly turbid
PAC 4	08/06/90	Light brown; turbid
PAC 5	08/06/90	Dry after 7 gal
	08/07/90	Light brown; weakly turbid
PAC 6	08/06/90	Dry after 7 gal
	08/07/90	Brown; turbid; aerated
PCB Series		
PCB 3A	08/24/90	Dry after 10.5 gal
PRP Series		
PRP 1A	09/19/90	Very light brown; weakly turbid
PRP 2	09/19/90	Very light brown; very weakly turbid
PSB Series		
PSB 5A	08/08/90	Dry after 6 gal
PSS Series		
PSS 3D	09/19/90	Dry after ~6.4 gal; no water in standpipe; light brown; turbid

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
RAC Series		
RAC 1	09/07/90	Very light white; weakly turbid
RDB Series		
RDB 1D	09/12/90	Dry after ~12 gal; very light brown; weakly turbid
RDB 2D	09/12/90	Light brown; turbid
RDB 3D	09/12/90	Weakly turbid
RRP Series		
RRP 3	09/07/90	Red brown; weakly turbid; small amount of oil-like film on sample surface
RSE Series		
RSE 12	09/13/90	Unable to sample—puller stuck in well casing
RSE 24	09/12/90	No well identification sign
RSE 25	09/12/90	No well identification sign
RSF Series		
RSF 1	09/07/90	No well identification sign
RSF 2	09/07/90	No well identification sign
RWM Series		
RWM 1	08/09/90	Aerated
	08/13/90	Aerated
	09/12/90	Aerated
RWM 2	07/17/90	Aerated
	08/13/90	Aerated
	09/12/90	Aerated
RWM 3	08/13/90	No pump in well
RWM 7	07/17/90	Pump off—pump does not work
RWM 10	09/12/90	Pump switched off
S Series		
S 15	09/27/90	Dry after bailing ~1.65 L
	09/28/90	Turbid; brown; leaves; sounded bottom of well at 140.28 ft below top of casing
SCA Series		
SCA 1	09/24/90	No well identification sign
SCA 1A	09/24/90	No well identification sign

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
SCA Series (cont.)		
SCA 2	09/24/90	No well identification sign
SCA 2A	09/24/90	No well identification sign
SLP Series		
SLP 1	08/13/90	Dry after 4 gal; light brown; weakly turbid
SLW Series		
SLW 1	09/25/90	No well identification sign
SLW 2	09/25/90	No well identification sign
SLW 3	09/25/90	No well identification sign
SLW 4	09/25/90	No well identification sign
SLW 5	09/25/90	No well identification sign
SLW 6	09/25/90	No well identification sign
SLW 7	09/25/90	No well identification sign
SLW 8	09/25/90	No well identification sign
SRW Series		
SRW 1	09/05/90	No water in standpipe
SRW 2A	08/16/90	Flowmeter broken, estimated volume purged
SRW 4	09/05/90	No water in standpipe
SRW 5	08/17/90	Flowmeter broken, estimated volume purged; aerated; trace of sand
SRW 6	08/17/90	Aerated
SRW 7	08/17/90	Dry after 0.3 gal
SRW 9	08/17/90	Mildly turbid; light orange; trace of sand
SRW 10	08/17/90	No water in standpipe
	09/05/90	No water in standpipe
SRW 12C	08/21/90	Aerated; trace of sand
SRW 14C	08/21/90	No water in standpipe
	09/05/90	No water in standpipe
SRW 16A	08/20/90	Dry after 22 gal
SSS Series		
SSS 1	08/17/90	Strongly turbid; brown; sand
SSS 2	08/17/90	Strongly turbid; light brown; sand
SSS 3	08/17/90	Strongly turbid; brown; sand
SSS 5	08/14/90	Dry after bailing 1.7 L
	08/15/90	Strongly turbid; brown; coarse sand
SSS 7	08/14/90	No access
SSS 8	08/14/90	No access
SSS 9	08/14/90	No access
SSS 10	08/16/90	Strongly turbid; brown; sand
SSS 17	08/20/90	Strongly turbid; brown

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
SSS Series (cont.)		
SSS 20	08/14/90	Dry after bailing ~1.2 L
	08/15/90	Strongly turbid; yellow brown; sand
SSS 22	08/16/90	Moderately turbid; light brown
SSS 23	08/16/90	Strongly turbid; light brown
SSS 25	08/20/90	Weakly turbid; light brown
SSS 26	08/20/90	Strongly turbid; light pink brown
SSS 27	08/20/90	Strongly turbid; orange brown
TBG Series		
TBG 3	09/17/90	Dry after ~6.5 gal
TBG 5	09/17/90	Dry after ~5 gal
TBG 6	09/17/90	Dry after ~6 gal
	09/18/90	Aerated
TNX Series		
TNX 1D	09/20/90	No well identification sign
TNX 2D	09/19/90	No well identification sign
TNX 3D	09/21/90	Dry after 5.6 gal; aerated; no well identification sign
TNX 4D	09/20/90	Dry after 5.1 gal
	09/21/90	Aerated; no well identification sign
TNX 5D	09/21/90	Dry after 4.2 gal; aerated; no well identification sign
TNX 6D	09/21/90	Dry after 3.1 gal; no well identification sign
TNX 8D	09/20/90	No well identification sign
TNX 9D	09/20/90	No well identification sign
TNX 10D	09/20/90	No well identification sign
TNX 11D	09/20/90	Moderately turbid; orange; no well identification sign
TNX 12D	09/20/90	No well identification sign
XSB Series		
XSB 1B	09/20/90	No well identification sign
XSB 2D	09/17/90	Dry after ~6 gal
	09/18/90	Weakly turbid
XSB 3A	09/18/90	No water in standpipe
YSB Series		
YSB 4A	09/20/90	Very light brown; weakly turbid
YSC Series		
YSC 1A	09/21/90	Pump would not start; no well identification sign
YSC 1C	09/20/90	Dry after ~4.6 gal
	09/21/90	No well identification sign
YSC 2A	09/21/90	No well identification sign

Table 11. Comments From the Field Data (cont.)

Well	Date	Comments
YSC Series (cont.)		
YSC 2D	09/20/90	Dry after ~7 gal
	09/21/90	Brown; turbid; no well identification sign
YSC 4C	09/20/90	Dry after ~14.5 gal
	09/21/90	Light brown; turbid; no well identification sign
YSC 5A	09/21/90	No well identification sign
241-H Series		
241-H	07/27/90	Construction in area—could not sample

NOTES

SAMPLE ANALYSIS

The following SCDHEC-certified laboratories performed the sample analyses for EPD/EMS. All analyses were conducted by EPA-approved methods except as noted below.

General Engineering (GE) of Charleston, SC, and metaTRACE (MT) of St. Louis, MO, the primary subcontracting laboratories for sample analysis, performed all routine analyses, with the following exceptions:

- Teledyne Isotopes of Westwood, NJ, performed routine radioisotope analyses.
- The EPD/EMS Laboratory 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.
- The M-Area Laboratory 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.

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

- Several well names and sample dates were incorrect in the analytical and field data.
- Several laboratory sample identifications were given wrong well names.
- Several analytical units, analytical methods, run dates, and detection limits were entered incorrectly.
- Several analytical results appeared different from historical data collected over the last two years. A review of the laboratory records revealed problems with 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.

SAMPLE ANALYSIS

Review of the General Engineering Analytical Data

Samples from the following 16 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 96	CSD 4D	CSD 10D	CSD 13D	KSS 1D
BG 92	BG 101	CSD 8D	CSD 11D	FSS 2D	SSS 17
BG 94	CSD 1D	CSD 9D	CSD 12D		

Samples from the following 111 wells were analyzed past the 48-hour holding time for total phosphate as phosphorus because the laboratory received the samples after the holding time expired.

ABP 3	ASB 8A	FBP 1A	MSB 15A	MSB 39B
ABP 8C	ASB 8B	FBP 2A	MSB 15AA	MSB 39C
ACB 4A	ASB 8C	FBP 3A	MSB 15D	MSB 39D
AMB 4	ASB 8TA	FBP 4	MSB 17BB	MSB 39TA
AMB 5	ASB 9	HWS 1A	MSB 17D	MSB 53B
AMB 6	ASB 9B	HWS 2	MSB 18A	MSB 55HC
AMB 7	ASB 9C	KAC 6	MSB 18B	MSB 64B
AMB 8D	BG 91	KAC 7	MSB 19A	MSB 66TA
AMB 9D	BG 92	KDT 1D	MSB 19B	MSB 69B
AMB 10D	BG 94	MSB 6A	MSB 20A	MSB 69D
AMB 10DD	BG 96	MSB 9A	MSB 21B	MSB 69TA
AMB 12D	BG 101	MSB 9C	MSB 26B	MSB 70C
AOB 1	BGO 35C	MSB 11A	MSB 29A	MSB 71B
AOB 2	CBR 2D	MSB 11B	MSB 29TA	MSB 72B
AOB 3	CSD 1D	MSB 11C	MSB 31CC	MSB 73B
ASB 1A	CSD 4D	MSB 11D	MSB 36A	MSB 76C
ASB 2A	CSD 8D	MSB 11F	MSB 36B	MSB 83C
ASB 3A	CSD 9D	MSB 12A	MSB 36C	MSB 85B
ASB 4	CSD 10D	MSB 12B	MSB 36TA	MSB 85TA
ASB 5A	CSD 11D	MSB 12C	MSB 38B	MSB 86C
ASB 6A	CSD 12D	MSB 13A	MSB 38C	ZDT 1
ASB 6AA	CSD 13D	MSB 14B	MSB 39A	ZDT 2
ASB 8				

Samples from MSB 15AA, MSB 15D, and MSB 26B were analyzed past the 7-day holding time for total organic halogens and total dissolved solids because the laboratory received the samples after the holding time expired.

Samples from MSB 15D and MSB 26B were analyzed past the 7-day extraction time for herbicides/pesticides because the laboratory received the samples after the holding time expired.

Samples from HSB107D were analyzed past the 7-day extraction time for tributyl phosphate because the laboratory received the samples after the holding time expired.

Samples from the following 35 wells were analyzed after the 48-hour holding time for total phosphate as phosphorus, although the laboratory received the samples before the holding time expired.

ABP 3C	FAC 5	IDB 7	IDQ 3C	MSB 68C
ABP 4	FAC 6	IDB 8	IDQ 4	PAC 1
CRP 1	FAC 7	IDP 2	MCB 6C	PAC 2
CRP 2	IDB 1A	IDP 5	MSB 67B	PAC 3
CRP 3	IDB 1B	IDP 7	MSB 67C	PAC 4
CRP 4	IDB 1C	IDP 8	MSB 67D	TBG 5A
FAC 4	IDB 6	IDQ 3A	MSB 68B	YSB 1A

Samples from the following 11 wells were analyzed past the 48-hour holding time for nitrate as nitrogen, although the laboratory received them before the holding time expired.

IDP 2	IDP 8	IDQ 3A	IDQ 3C	ZBG 1
IDP 5	IDQ 2	IDQ 3B	IDQ 4	ZBG 2
IDP 7				

Samples from ASB 6AA, MSB 21B, and MSB 31CC were analyzed past the 7-day holding time for total organic halogens, although the laboratory received the samples before the holding time expired.

Samples from the following 14 wells were analyzed past the 7-day extraction time for base/neutral/acids, although the laboratory received the samples before the holding time expired.

BGO 35C	FCB 2	FSB110D	MSB 2A	STR222O
BGO 35D	FSB 79C	HSB112D	MSB 5A	STR312I
BRD 5D	FSB 97C	HSB119A	MSB 8A	

Samples from MSB 5A and MSB 8A were analyzed past the 7-day extraction time for dioxins/furans, although the laboratory received them before the holding time expired.

Samples from the following 82 wells were analyzed after the 7-day extraction time for herbicides/pesticides, although the laboratory received them before the holding time expired.

ABP 1A	FAC 5	MSB 5A	MSB 55C	MSB 76C
ABP 3C	FAC 7	MSB 7A	MSB 55HC	MSB 79B
ABP 4	FAC 8	MSB 8A	MSB 55TA	MSB 79C
ASB 6AA	HAC 1	MSB 17BB	MSB 64B	MSB 82C
ASB 8	HAC 2	MSB 17D	MSB 69B	MSB 83C
ASB 8A	HAC 3	MSB 21B	MSB 69D	MSB 85B
ASB 8B	HAC 4	MSB 31CC	MSB 69TA	MSB 85TA
ASB 8C	KAC 1	MSB 38B	MSB 70C	MSB 86C
ASB 8TA	KAC 4	MSB 38C	MSB 71B	PAC 1
ASB 9	KAC 5	MSB 47BB	MSB 72B	PAC 2
ASB 9B	KAC 6	MSB 48A	MSB 73B	PAC 3
ASB 9C	KAC 7	MSB 48B	MSB 74B	PAC 4
BGO 35C	HSB119A	MSB 48TA	MSB 74C	PAC 5
CCB 4	LFW 19	MSB 49A	MSB 74D	PAC 6
DCB 1A	LFW 30	MSB 53B	MSB 75B	STR222O
DOB 1	MCB 6C	MSB 55B	MSB 75C	STR312I
FAC 4	MSB 2A			

SAMPLE ANALYSIS

Samples from the following 48 wells were analyzed past the 7-day holding time for total dissolved solids, although the laboratory received them before the holding time expired.

CSD 1D	HAC 3	IDB 7	IDQ 4	P 26A
CSD 4D	HAC 4	IDB 8	IDQ 6	P 26B
CSD 8D	IDB 1A	IDP 2	MSB 17BB	PSS 1D
CSD 9D	IDB 1B	IDP 5	MSB 17D	PSS 2D
CSD 10D	IDB 1C	IDP 7	MSB 21B	PSS 3D
CSD 11D	IDB 2A	IDP 8	MSB 31CC	SCA 1
CSD 12D	IDB 2B	IDQ 2	MSB 38B	SCA 2
CSD 13D	IDB 2C	IDQ 3A	MSB 38C	TBG 5A
HAC 1	IDB 4	IDQ 3B	MSB 76C	TNX 9D
HAC 2	IDB 5	IDQ 3C		

Samples from the following 16 wells were analyzed past the 14-day holding time for GC VOA, although the laboratory received the samples before the holding time expired.

ABP 8C	MSB 16A	MSB 31CC	MSB 37A
FNB 2	MSB 21B	MSB 34A	PRP 3
LFW 19	MSB 25A	MSB 34B	PRP 4
MSB 15D	MSB 26B	MSB 34C	XSB 4D

The sample for MSB 15C was analyzed past the 28-day holding time for arsenic, although the laboratory received it before the holding time expired.

The sample for TNX 9D was analyzed past the 28-day holding time for fluoride, although the laboratory received it before the holding time expired.

General Engineering found no errors upon review of the records of the EPD/EMS blind blanks that showed elevated results. Table 12 lists the samples that accompanied the blind blanks in their respective analytical batches.

Table 12. General Engineering EPD/EMS Blind Blanks With Elevated Results

Analyte	Run Date	Result	Well Samples Accompanying Blind Blanks
Aluminum	08/27/90	53 µg/L	KRP 2, KRP 3, KRP 4
Alkalinity	09/20/90	5,000 µg/L	IDP 1, IDP 3A, IDP 3B, IDP 3C, IDP 6, IDP 9
	09/27/90	2,000 µg/L	IDB 2A, IDB 2B, IDB 2C, IDB 4, IDP 2, IDP 5,
		3,000 µg/L	IDP 7, IDP 8, IDQ 2, IDQ 3A, IDQ 3B,
			IDQ 3C, IDQ 4, IDQ 6, IDQ 7
Calcium	09/29/90	16 µg/L	IDB 2A, IDB 2B
Chloride	08/29/90	1,400 µg/L	DCB 1A
Iron	09/24/90	82 µg/L	BRD 4, BRD 5D, IDP 1
Lead	07/27/90	14 µg/L	AMB 8D, AMB 10D, AMB 11D
		18 µg/L	
Oil & grease	08/17/90	7,000 µg/L	KSS 2D
Silica	09/12/90	1,100 µg/L	ABP 8C, BG 92, BG 96, BG 101, KDT 1D
Sodium	09/14/90	800 µg/L	ASB 8C, SSS 25
Total dissolved solids	09/26/90	26,000 µg/L	IDB 2A, IDB 2B, IDB 2C, IDB 4, IDB 5, IDP 2, IDP 5, IDP 7, IDP 8, IDQ 2, IDQ 3A, IDQ 3B, IDQ 3C, IDQ 4, IDQ 6, IDQ 7, TBG 5A

Table 12. General Engineering EPD/EMS Blind Blanks With Elevated Results (cont.)

Analyte	Run Date	Result	Well Samples Accompanying Blind Blanks
Total silica	09/12/90	1,100 µg/L	ABP 8C, BG 92, BG 96, BG 101, KDT 1D
Uranium	07/12/90	17 mg/L	MSB 39A, MSB 39B

The laboratory blanks in Table 13 showed elevated results. These results were confirmed by General Engineering after reviewing the laboratory's records. The table also lists the samples that accompanied the laboratory blanks in their respective analytical batches.

Table 13. General Engineering Laboratory Blanks With Elevated Results

Analyte	Run Date	Result	Wells
Dichloromethane (Methylene chloride)	07/11/90	7 µg/L	MSB 9A, MSB 9B, MSB 9C, MSB 10A, MSB 10B, MSB 10C, MSB 11A, MSB 11B, MSB 11C, MSB 11D, MSB 11F, MSB 12A
Lead	09/07/90	6 µg/L	SRW 14C
Manganese	08/21/90	14 µg/L	HCA 2, HCA 3, HCA 4, KAC 6
Sodium	07/18/90	150 µg/L	MSB 39A, MSB 39B, MSB 39C, MSB 39D, MSB 39TA
	07/31/90	130 µg/L	AMB 4, AMB 5, AMB 6
Uranium	07/12/90	5.7 mg/L	MSB 40A, MSB 40B, MSB 40C, MSB 40TA
Zinc	07/19/90	35 µg/L	MSB 9A

A technical review of the quarter's analytical data identified the analyses in Table 14 as high in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 14. General Engineering Samples With High Analytical Results as Compared to Historical Data

Analyte	Wells
Aluminum	BG 104, CMP 13B, FSB 76B, IDB 2A
Arsenic	FAC 8
Barium	AMB 7, CSD 11D, FAC 6, MCB 7C
Bis(2-ethylhexyl) phthalate	MSB 8A
Calcium	BG 110, PSS 2D
Carbon tetrachloride	MSB 17B
Chloride	MSB 31A
Chloroethene (Vinyl chloride)	MSB 14C
Chromium	BGO 9D
Copper	BG 91, BG 93, BG 96, BG 108, BG 109, IDB 2B, IDB 8, MSB 8A
Di-n-butyl phthlate	MSB 5A
Dichloromethane (Methylene chloride)	MSB 40D
Iron	BG 91, BG 101, BG 104, BG 109, BG 110, CBR 2D, DBP 4, FAC 5, FCA 1N, FSS 3D, HXB 1, IDQ 6, KSS 3D, MSB 8A, P 26B, PCB 1A, RRP 1, RRP 3, SRW 7, SRW 9A, SRW 10

Table 14. General Engineering Samples With High Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Lead	BG 94, FAC 5, FCA 19D, IDB 5, LRP 4, MCB 6C, MSB 8A, MSB 10A, MSB 11B, MSB 11C, MSB 12C, MSB 18A, MSB 19A, YSB 1A
Magnesium	FAC 6, IDQ 6
Manganese	CSA 1, FCA 1N, FSB 76B, IDQ 6, MCB 6C
Mercury	FAC 3, FAC 5, FAC 6, FAC 8, YSB 1A
Nickel	BG 91, BG 92, BG 93, MSB 8A, MSB 21A, MSB 40D
Nitrate as nitrogen	ABP 1A, AMB 4, BG 121, CBR 2D, IDQ 3A, KAC 2, KSS 2D, MSB 39A, PAC 3, PSS 3D, RDB 2D
Sodium	FSB 76B
Specific conductance	MCB 7C
Sulfate	ASB 8, CBR 2D, DCB 1A, MSB 31C, RDB 3D
Tetrachloroethylene	ASB 2A, CRP 3, LAC 4, LRP 3, MSB 10B, MSB 17BB, MSB 45A, ZBG 1, ZBG 2
Total carbon	BG 93
Total dissolved solids	BRD 4, IDB 1C, MCB 7C, PAC 5, PSS 2D, SSS 17
Total inorganic carbon	BG 93, BG 121
Total organic carbon	IDQ 3B, IDQ 3C, MCB 7C, MSB 40A
Total organic halogens	BGO 9D, MSB 9C, MSB 13A, TNX 9D
Total phosphates (as P)	BG 96, CSD 9D, MSB 2A, MSB 5A, MSB 17A, MSB 40A, MSB 40B, MSB 40TA, PAC 4
Trichloroethylene	AMB 4, ARP 1A, CRP 2, KRP 4, MSB 5A, MSB 10B, MSB 17B, MSB 21B, TNX 9D
Turbidity	FAC 5, FAC 6, HAC 1, KAC 6, PAC 1, PAC 4
Zinc	BG 93, BG 121, IDB 1A, IDB 1C, IDB 2B, IDB 2C, IDB 6, IDB 7, IDB 8, MSB 13B, MSB 40D
1,1-Dichloroethylene	MSB 17A
2,4-Dichlorophenoxyacetic acid	AOB 2
Gross alpha	BG 55, BG 67, FCA 1N, H 16, MGC 32, MSB 17A, SSS 27
Nonvolatile beta	BG 55, BG 67, H 16, HAC 2, MGC 32, MSB 19A, PAC 3
Total radium	ACB 4A, ASB 8, ASB 8B, KAB 2, MSB 7A, MSB 13A, MSB 14A, MSB 15A, MSB 17A, MSB 39B, PAC 2, RAC 1, SSS 5, SSS 26, SSS 27, TNX 9D
Tritium	H 16, HAP 2, IDB 2C, IDB 5, IDB 8, IDQ 3B, IDQ 3C, IDQ 4, IDQ 6, KDT 1D, TNX 9D

A technical review of the quarter's analytical data identified the analyses in Table 15 as low in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 15. General Engineering Samples With Low Analytical Results as Compared to Historical Data

Analyte	Wells
Antimony	IDB 1B
Calcium	FSB 76B
Chloride	MCB 5C, MCB 7C

Table 15. General Engineering Samples With Low Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Chromium	BG 110
Copper	BGO 9D
Iron	ASB 8, ASB 8A, ASB 9, BGO 35C, CMP 10, CMP 10B, CMP 14C, CSA 2, DCB 1A, FAC 8, HAC 1, HAC 4, KRP 4, KSS 1D, LFW 30, LRP 1, LRP 2, LRP 3, LRP 4, MSB 6A, MSB 9A, MSB 10B, MSB 10C, MSB 12A, MSB 14A, MSB 18B, MSB 19A, MSB 19B, MSB 19C, MSB 21A, MSB 29B, MSB 29D, MSB 36A, MSB 36B, MSB 36C, MSB 39B, MSB 39C, MSB 40B, MSB 40D, MSB 43A, PAC 6, PRP 4, SRW 2, SRW 14B, SRW 15B, SRW 15C, XSB 4D
Lead	KDT 1D, LRP 2, LRP 3, SBG 3, SBG 6, SRW 5
Magnesium	SCA 2
Manganese	AMB 8D, BG 92, BG 96, BG 108, FCA 19D, KAC 6, KSS 1D, MSB 39B, PAC 1, PAC 6
Nickel	ABP 4, PCB 1A
Phenols	MCB 5C
Potassium	IDP 1
Sodium	XSB 4D
Specific conductance	MCB 6C
Sulfate	MSB 10B, PAC 6, PCB 1A
Tetrachloroethylene	MSB 34B
Total dissolved solids	BG 121, IDB 1A, IDB 1B
Total inorganic carbon	IDQ 3C
Total organic halogens	ABP 3, HAP 1, HET 4D, KAB 1, KDT 1D
Total phosphates (as P)	ABP 3C, BG 93, BG 101, BG 103, BG 104, CSD 4D, IDB 1A, IDB 1B, IDP 1, IDP 2, KDT 1D, P 26B, RDB 1D, RDB 2D, RDB 3D, SCA 1, SCA 2, TNX 9D
Trichloroethylene	MSB 15A, MSB 37TA, MSB 44A, MSB 47TA, MSB 67D, MSB 68C, SBG 4, XSB 4D
Turbidity	KAC 2, PAC 3
Zinc	FSB 79B, IDP 1, IDQ 2, IDQ 3C
1,1-Dichloroethylene	MSB 39B
Gross alpha	IDB 2A, IDP 6
Nonvolatile beta	MCB 6C, MSB 12TA
Total radium	CSD 1D, FBP 2A, KSS 2D, MCB 6C, SBG 2
Tritium	DCB 1A

Table 16 lists the reasons General Engineering did not perform certain analyses.

Table 16. Analyses Not Performed by General Engineering

Wells	Analytes	Reason
ABP 1A, ABP 2A, ABP 3, ABP 4, BRD 1, BRD 2, BRD 4, BRD 5D, MCB 4, MCB 5, MCB 5C, MCB 6, MCB 6C, MCB 7C, MSB 5A, MSB 6A, MSB 7A, MSB 8A, MSB 13A, MSB 13B, MSB 13C, MSB 22	Aluminum, sodium	Omitted from the chain of custody
ABP 8C	Base/neutral/acid, dioxins/furans, gross alpha, herbicides/pesticides, nonvolatile beta, sulfide, total radium	Insufficient water for complete sample collection
BG 107	All scheduled analyses for third quarter	Pump would not start
FAC 3	Chloride, fluoride, gross alpha, herbicides/pesticides, nitrate as nitrogen, nonvolatile beta, pH, phenols, specific conductance, sulfate, total dissolved solids, total phosphates (as P), total radium, turbidity, tritium	Insufficient water for complete sample collection
FAC 6	Gross alpha, herbicides/pesticides, nonvolatile beta, total radium	Insufficient water for complete sample collection
FAC 7	Pesticides	Insufficient water
FCA 2C, FCA 2D, FCA 9D	All scheduled analyses for third quarter	Insufficient water
FCA 9C	All scheduled analyses for third quarter	Well casing obstructed with trash, preventing sample collection
HCA 4	Total organic halogens	Not received by the laboratory
MCB 6	Appendix IX: base/neutral/acids, dioxins/furans, herbicides/ pesticides, PCBs, sulfide; chloride, fluoride, gross alpha, nonvolatile beta, pH, specific conductance, sulfate, total dissolved solids, total phosphates (as P), total radium, tritium	Insufficient water for complete sample collection

Table 16. Analyses Not Performed by General Engineering (cont.)

Wells	Analytes	Reason
MSB 13B	Appendix IX: base/neutral/acids, dioxins/furans, herbicides/ pesticides, PCBs, sulfide; gross alpha, total radium	Insufficient water for complete sample collection
MSB 14C	Gross alpha, metals, nitrate as nitrogen, nonvolatile beta, total radium, phenols, chloride, sulfate, specific conductance, total phosphates (as P), pH, cyanide	Insufficient water for complete sample collection
MSB 15C	Chloride, specific conductance, total phosphates (as P), sulfate, pH, gross alpha, nonvolatile beta, total radium	Insufficient water for complete sample collection
MSB 20C, MSB 40D	Chloride, cyanide, gross alpha, nonvolatile beta, pH, specific conductance, sulfate, total phosphates (as P), total radium	Insufficient water for complete sample collection
MSB 66D	All scheduled analyses for third quarter	Pump would not start
SRW 15A	Total organic halogens	Bottle broken when removed from refrigerator
YSC 1A	All scheduled analyses for third quarter	Well damaged by lightning

Review of metaTRACE 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 6C	BGO 18D	BGO 24D	BGO 31C	BGO 35C	HSB 65B
BGO 6D	BGO 19D	BGO 27C	BGO 31D	BGO 35D	HSB 65C
BGO 14C	BGO 20D	BGO 27D	BGO 32D	BGO 37C	HSB 85A
BGO 15D	BGO 21D	BGO 28D	BGO 33C	HAC 4	HSB 85B
BGO 16A	BGO 22D	BGO 30C	BGO 33D	HSB 65	HSB 85C
BGO 16D	BGO 23D	BGO 30D	BGO 35B	HSB 65A	KAC 1
BGO 18A					

Samples from the following 43 wells were analyzed after the 7-day holding time for total dissolved solids because the laboratory received them after the holding time expired.

BGO 6C	FSB 79	FSB 93D	FSB 98D	FSB110D	HSB 83D
BGO 6D	FSB 79C	FSB 97C	FSB103C	HSB 68C	HSB101D
FSB 78	FSB 88D	FSB 97D	FSB104C	HSB 71	HSB102C
FSB 78C	FSB 91C	FSB 98C	FSB107D	HSB 71C	HSB102D

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HSB107D	HSB111C	HSB112C	HSB117C	HSB126D	HSB134D
HSB108D	HSB111D	HSB112D	HSB117D	HSB127C	HSB138D
HSB109D	HSB111E	HSB112E	HSB126C	HSB131C	HSB139C
HSB110D					

Samples from the following 55 wells were analyzed after the 7-day holding time for total organic halogens because the laboratory received them after the holding time expired.

BGO 6C	BGO 35D	FSB 88D	FSB103C	HSB102D	HSB126D
BGO 6D	BGO 37C	FSB 91C	FSB104C	HSB107D	HSB127C
BGO 27D	CSB 3A	FSB 93D	FSB104D	HSB110D	HSB127D
BGO 28D	CSB 4A	FSB 94C	FSB110D	HSB111C	HSB129C
BGO 30C	CSB 5A	FSB 95C	FNB 1	HSB111D	HSB129D
BGO 30D	FSB 78	FSB 97C	HSB 69	HSB111E	HSB131C
BGO 31C	FSB 78C	FSB 97D	HSB 71C	HSB112C	HSB134D
BGO 31D	FSB 79	FSB 98C	HSB 83D	HSB112D	HSB135D
BGO 32D	FSB 79C	FSB 98D	HSB102C	HSB117C	HSB139C
BGO 33D					

Samples from the following 7 wells were analyzed after the 7-day holding time for bis(2-ethylhexyl) phthalate because the laboratory received them after the holding time expired: FSB 78, FSB 78C, FSB 79C, FSB 88D, FSB 91C, FSB 93D, and HSB107D.

Samples from the following 43 wells were analyzed after the 7-day holding time for base/neutral/acids because the laboratory received them after the holding time expired.

BGO 6C	BGO 32D	HSB 69	HSB109D	HSB112E	HSB129C
BGO 6D	BGO 33D	HSB 71	HSB110D	HSB117C	HSB129D
BGO 27D	BGO 35D	HSB 71C	HSB111C	HSB117D	HSB131C
BGO 28D	BGO 37C	HSB 83D	HSB111D	HSB126C	HSB134D
BGO 30C	FSB 94C	HSB101D	HSB111E	HSB126D	HSB135D
BGO 30D	FSB 95C	HSB102C	HSB112C	HSB127C	HSB138D
BGO 31C	HSB 68C	HSB102D	HSB112D	HSB127D	HSB139C
BGO 31D					

Samples from the following 39 wells were analyzed after the 7-day holding time for herbicides/pesticides because the laboratory received them after the holding time expired.

BGO 6C	BGO 31D	HSB 71	HSB111D	HSB117D	HSB129D
BGO 6D	BGO 32D	HSB 71C	HSB111E	HSB126C	HSB131C
BGO 27D	BGO 33D	HSB 83D	HSB112C	HSB126D	HSB134D
BGO 28D	BGO 35D	HSB102C	HSB112D	HSB127C	HSB135D
BGO 30C	BGO 37C	HSB102D	HSB112E	HSB127D	HSB138D
BGO 30D	HSB 68C	HSB110D	HSB117C	HSB129C	HSB139C
BGO 31C	HSB 69	HSB111C			

Samples from the following 8 wells were analyzed past the 7-day holding time for bis(2-ethylhexyl) phthalate although the laboratory received them before the holding time expired: FSB 89D, FSB 90C, FSB 93C, HSB 84A, HSB 84C, HSB 84D, HSB107C, and HSB123A.

Samples from the following 5 wells were analyzed after the 7-day extraction time for dioxins/furans because the first analyses were contaminated by a blank, which caused the re-extraction after the holding time: HSB 65, HSB 65A, HSB 65B, HSB 65C, and MSB 6A.

The sample for sulfide for BRD 4 was analyzed after the 7-day holding time, although the laboratory received it before the holding time expired.

Samples from the following 5 wells were analyzed after the 7-day holding time for base/neutral/acids, although the laboratory received them before the holding time expired: BGO 16D, FCB 3, HSB 70, HSB103C, and HSB113C.

Samples from the following 19 wells were analyzed after the 7-day holding time for herbicides/pesticides, although the laboratory received them before the holding time expired.

BGO 16D	HSB 84A	HSB103C	HSB116C	LFW 8	LFW 29
BGO 33C	HSB 84C	HSB113C	HSB116D	LFW 26	LFW 30
HSB 70	HSB 84D	HSB115D	KAC 1	LFW 28	LFW 31
HSB 70C					

Samples from the following 131 wells were analyzed past the 7-day holding time for total dissolved solids, although the laboratory received them before the holding time expired.

AMB 8D	FSB 76A	FSB 99D	HSB 84C	HSB113D	HSB135C
BGO 1D	FSB 76B	FSB100A	HSB 84D	HSB114C	HSB135D
BGO 2D	FSB 76C	FSB101A	HSB 85A	HSB114D	HSB136C
BGO 5C	FSB 77	FSB102C	HSB 85B	HSB115C	HSB136D
BGO 5D	FSB 78B	FSB104D	HSB 85C	HSB115D	HSB137C
BGO 6A	FSB 87A	FSB105C	HSB 86A	HSB116C	HSB137D
BGO 8D	FSB 87B	FSB106C	HSB 86B	HSB116D	HSB139A
BGO 9B	FSB 87C	FSB107C	HSB 86C	HSB117A	HSB139D
BGO 9D	FSB 89C	FSB110C	HSB 86D	HSB119A	IDP 5
BGO 10A	FSB 89D	HAC 4	HSB100D	HSB120A	IDQ 3A
BGO 10C	FSB 90C	HSB 67	HSB103C	HSB121A	KAC 1
BGO 11D	FSB 90D	HSB 68A	HSB103D	HSB122A	PAC 2
BGO 12A	FSB 91D	HSB 68B	HSB104C	HSB123A	RDB 2D
BGO 12D	FSB 92D	HSB 69	HSB104D	HSB124A	TBG 1
BGO 13D	FSB 93C	HSB 69A	HSB105C	HSB125D	TBG 3
BGO 25A	FSB 94C	HSB 70	HSB105D	HSB127D	TBG 4
BRD 4	FSB 95C	HSB 70C	HSB106C	HSB129C	TBG 5
CBR 1D	FSB 96A	HSB 83A	HSB106D	HSB129D	TBG 5A
CBR 2D	FSB 97A	HSB 83B	HSB107C	HSB131D	TBG 6
CBR 3D	FSB 98A	HSB 83C	HSB108C	HSB133C	TBG 7
CSD 12D	FSB 99A	HSB 84A	HSB110C	HSB133D	XSB 1A
FSB 76	FSB 99C	HSB 84B	HSB113C	HSB134C	

Samples from the following 102 wells were analyzed past the 7-day holding time for total organic halogens, although the laboratory received them before the holding time expired.

ASB 8B	BGO 16D	BGO 20D	BGO 24D	BGO 35C	CCB 3
BGO 14C	BGO 18A	BGO 21D	BGO 27C	BRD 4	CCB 4
BGO 15D	BGO 18D	BGO 22D	BGO 33C	CCB 1	CSB 2A
BGO 16A	BGO 19D	BGO 23D	BGO 35B	CCB 2	DCB 1A

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DOB 1	KSB 4A	LFW 30	PCB 3A	TNX 3D	XSB 2D
DOB 2	LCO 1	LFW 31	PCB 4A	TNX 4D	XSB 3A
DOB 3	LFW 7	LFW 32	RDB 2D	TNX 5D	XSB 4D
DOB 4	LFW 8	LFW 33	TBG 1	TNX 6D	XSB 5A
FSB102C	LFW 10A	LFW 34	TBG 3	TNX 7D	YSB 1A
HCB 1	LFW 17	LFW 35	TBG 4	TNX 8D	YSB 2A
HCB 2	LFW 18	LFW 36	TBG 5	TNX 9D	YSB 3A
HCB 3	LFW 19	LFW 37	TBG 5A	TNX 10D	YSB 4A
HCB 4	LFW 20	LFW 38	TBG 5B	TNX 11D	YSC 1C
KDB 3	LFW 26	NBG 1	TBG 6	TNX 12D	YSC 2A
KSB 1	LFW 27	NBG 2	TBG 7	XSB 1A	YSC 2D
KSB 2	LFW 28	PCB 1A	TNX 1D	XSB 1B	YSC 4C
KSB 3	LFW 29	PCB 2A	TNX 2D	XSB 1D	YSC 5A

The sample for cyanide from BGO 6C was analyzed past the 14-day holding time, although the laboratory received it before the holding time expired.

Samples for IDP 5, IDQ 3A, and NBG 5 were analyzed past the 14-day holding time for alkalinity, although the laboratory received them before the holding time expired.

The sample for total organic carbon for PAC 2 was analyzed past the 28-day holding time because of an error in the laboratory's LIMS tracking system.

Samples for the following 4 wells were analyzed past the 28-day holding time for phenols because of a backlog in the LIMS system at the laboratory: FNB 1, FNB 2, FNB 3, and FNB 4.

The sample for dissolved organic carbon for CSD 12D was analyzed past the 28-day holding time because of a backlog in the LIMS system at the laboratory.

Samples for BRR 4D and LFW 8 were analyzed past the 28-day holding time for chloride because reanalysis using dilution was necessary to get an accurate result.

The sample for fluoride for FNB 4 was analyzed past the 28-day holding time, although the laboratory received it before the holding time expired.

Samples for BGO 6C, HTF 17, and KRB 8 were analyzed past the 28-day holding time for nitrate, although the laboratory received them before the holding time expired.

Samples for the following 5 wells were analyzed past the 28-day holding time for sulfate, although the laboratory received them before the holding time expired: DCB 12, PCB 1A, PCB 2A, PCB 3A, and PCB 4A.

Samples IDB 6, IDP 5, and IDQ 3A were analyzed past the 28-day holding time for total carbon, total inorganic carbon, and dissolved organic carbon, although the laboratory received them before the holding time expired.

Samples for the following 18 wells were analyzed past the 28-day holding time for total phosphate (as P), although the laboratory received them before the holding time expired.

AMB 8D	BGO 33C	CBR 3D	HSB 83B	HSB 86B	HSB133C
BG 109	CBR 1D	CSD 12D	HSB 83C	HSB105C	HSB133D
BGO 6C	CBR 2D	HSB 83A	HSB 86A	HSB131D	HSB134C

Samples for well BGO 6C were analyzed past the 28-day holding time for phenols and total organic carbon, although the laboratory received them before the holding time expired.

Samples for the following 7 wells were analyzed past the 28-day holding time for total organic carbon, although the laboratory received them before the holding time expired: TBG 1, TBG 3, TBG 4, TBG 5, TBG 6, XSB 2D, XSB 3A.

The following internal laboratory blanks showed elevated results. These results were confirmed by metaTRACE after review of the laboratory's records. The samples that accompanied the laboratory blanks in their respective analytical batches are listed in Table 17.

Table 17. metaTRACE Laboratory Blanks With Elevated Results

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Acetone	09/21/90	17 µg/L	BRD 4
Beryllium	09/04/90	0.6 µg/L	ABP 1A, FAC 1, FAC 4, LFW 16, LFW 21, LFW 22, LFW 23, LFW 24, LFW 25, LFW 39, LFW 40, LFW 41, LFW 42
Bis(2-ethylhexyl) phthalate	07/27/90	49 µg/L	FSB 88D, FSB 96A, FSB100A, HSB107C, HSB107D, HSB135C
Calcium	07/24/90	47 µg/L	HSB 84B, HSB104D, HSB106D
Sodium	07/24/90	182 µg/L	HSB 84B, HSB104D, HSB106D
Tin	09/04/90	221 µg/L	ABP 1A, FAC 1, FAC 4, LFW 16, LFW 21, LFW 22, LFW 23, LFW 24, LFW 25, LFW 39, LFW 40, LFW 41, LFW 42
Uranium	09/04/90	51.7 µg/L	ABP 1A, FAC 1, FAC 4, LFW 16, LFW 21, LFW 22, LFW 23, LFW 24, LFW 25, LFW 39, LFW 40, LFW 41, LFW 42
2,4-Dichlorophenoxy-acetic acid	08/27/90	0.11 µg/L	BGO 16A, BGO 18A, BGO 19D, BGO 20D, BGO 21D, BGO 22D, BGO 23D, BGO 24D

After reviewing records, metaTRACE did not find anything wrong with the following EPD/EMS blind blanks, which showed elevated results. Table 18 contains a list of the samples that accompanied the blind blanks in their respective analytical batches.

Table 18. metaTRACE EPD/EMS Blind Blanks With Elevated Results

Analyte	Run Date	Result	Well Samples Accompanying Blind Blanks
Alkalinity	10/03/90	2,580 µg/L	IDB 6, IDP 5, IDQ 3A, NBG 2
Aluminum	09/07/90	55.3 µg/L	FNB 2, FNB 4, PSB 5A
		189 µg/L	CSB 2A, FNB 1, KSS 1D, LCO 1, PSB 1A, PSB 2A, PSB 3A, PSB 4A, PSB 6A, PSB 7A
	09/15/90	86.8 µg/L	BG 109, CDB 1, KDB 3, KRB 8, LFW 20, LFW 26, LFW 27, LFW 28, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 35

Table 18. metaTRACE EPD/EMS Blind Blanks With Elevated Results (cont.)

Analyte	Run Date	Result	Well Samples Accompanying Blind Blanks
	10/12/90	53.4 µg/L	IDP 5, IDQ 3
	10/15/90	83.7 µg/L	TNX 7D, TNX 8D, TNX 9D, TNX 10D, TNX 11D, TNX 12D, XSB 1B, XSB 5A, YSB 1A, YSB 2A, YSB 3A, YSB 4A
Calcium	09/07/90	266 µg/L	FNB 2, FNB 4, PSB 5A
Magnesium	09/07/90	24 µg/L	FNB 2, FNB 4, PSB 5A
Methoxychlor	10/13/90	0.07 µg/L	YSB 1A, YSB 2A, YSB 3A, YSB 4A
Nitrate	08/23/90	190 µg/L	ASB 8B, BGO 6C, BGO 14C, BGO 27C, BGO 35C
pH	09/24/90	5.11	YSB 1A, YSB 2A, YSB 3A, YSB 4A
Phenols	09/06/90	11.9 µg/L	ABP 1A, BG 109, BGO 16D, BRR 4D, BRR 5D, FAC 4
	09/27/90	6.91 µg/L 11.6 µg/L	BRD 4, IDB 6, IDQ 3A, TBG 1, TBG 3, TBG 4, TBG 5, TBG 6, TNX 2D, XSB 1A, XSB 2D, XSB 3A, XSB 4D
Silica	09/04/90	9,320 µg/L	ABP 1A, FAC 4, LFW 16, LFW 21, LFW 22, LFW 23, LFW 24, LFW 25, LFW 39, LFW 40, LFW 41, LFW 42
Sodium	08/26/90	164 µg/L	FSB 98A, FSB102C, FSB108D, FSB109D, FSB111C, FSB111D, HSB100C, HSB101C, HSB109C, HSB117A, HSB139A, HSB139D
	09/04/90	279 µg/L	ABP 1A, FAC 4, LFW 16, LFW 21, LFW 22, LFW 23, LFW 24, LFW 25, LFW 39, LFW 40, LFW 41, LFW 42
	09/07/90	240 µg/L	CSB 2A, FNB 1, KSS 1D, LCO 1, PSB 1A, PSB 2A, PSB 3A, PSB 4A, PSB 6A, PSB 7A
	09/15/90	221 µg/L	BG 109, CDB 1, KDB 3, KRB 8, LFW 20, LFW 26, LFW 27, LFW 28, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 35
Sulfide	07/10/90	2,940 µg/L 2,980 µg/L	MSB 6A
Total carbon	09/13/90	3,980 µg/L	BG 109
Total dissolved solids	07/26/90	30,000 µg/L	FSB 78B, FSB 96A, FSB 99D, FSB102C, HSB135C, HSB139A
	08/14/90	24,000 µg/L	BGO 1D, BGO 2D, BGO 5C, BGO 5D, BGO 6A, BGO 9D, BGO 10C, BGO 12A, BGO 12D, BGO 13D, BGO 25A, HAC 4
	09/24/90	56,000 µg/L	IDB 6, TNX 2D, PSS 2D
	09/25/90	277,000 µg/L	TNX 1D, TNX 3D, TNX 4D, TNX 5D, TNX 6D, TNX 7D, TNX 8D, TNX 9D, TNX 10D, TNX 11D, TNX 12D, XSB 1B, XSB 5A, YSB 1A, YSB 2A, YSB 3A, YSB 4A, YSC 1C, YSC 2A, YSC 2D, YSC 4C, YSC 5A
	10/04/90	54,000 µg/L	IDP 5, IDQ 3A, TBG 1, TBG 3, TBG 4, TBG 5, TBG 5A, TBG 6, TBG 7, XSB 1A

Table 18. metaTRACE EPD/EMS Blind Blanks With Elevated Results (cont.)

Analyte	Run Date	Result	Well Samples Accompanying Blind Blanks
Total inorganic carbon	09/13/90	3,980 µg/L	BG 109
Total phosphate (as P)	08/24/90	26.1 µg/L	ASB 8B, BGO 6C, BGO 6D, BGO 14A, BGO 14C, BGO 15D, BGO 26A, BGO 26D, BGO 27C, BGO 28D, BGO 29A, BGO 34D, BGO 35C, BGO 36D, BGO 37D, BGO 38D, BGO 39D, HAC 4
	08/28/90	30.3 µg/L	BRR 1D, BRR 2D, BRR 3D, BRR 4D, BRR 5D, LSB 1, LSB 2, LSB 3, LSB 4
	10/03/90	239 µg/L	BG 109, BRD 4, CBR 1D, CBR 2D, CBR 3D, CSD 12D, IDP 5, RDB 2D
Turbidity	08/02/90	1.28 NTU	ASB 8B, BGO 6C, BGO 6D, BGO 14A, BGO 14C, BGO 15D, BGO 26A, BGO 26D, BGO 27C, BGO 29A, BGO 34D, BGO 35C, BGO 36D, BGO 37D, BGO 38D, BGO 39D
2,4-Dichlorophenoxy-acetic acid	08/27/90	0.09 µg/L	BGO 16A, BGO 18A, BGO 18D, BGO 19D, BGO 20D, BGO 21D, BGO 22D, BGO 23D, BGO 24D
	10/10/90	0.088 µg/L	YSB 1A, YSB 2A, YSB 3A, YSB 4A
2,4,5-TP (Silvex)	10/10/90	0.004 µg/L	YSB 1A, YSB 2A, YSB 3A, YSB 4A
Americium-241	10/19/90	1.9 ±0.6 pCi/L	BGO 19D, BGO 22D, FAL 1, FAL 2, NBG 1
Nonvolatile beta	08/10/90	51 ±6.0 pCi/L	BGO 6C, BGO 10A, BGO 14A, BGO 15D, BGO 26A, BGO 26D, BGO 29A, BGO 33D, BGO 34D, BGO 36D, BGO 37D, BGO 38D, BGO 39D, HAC 4, HTF 22
	09/24/90	86 ±9.0 pCi/L	IDP 5, IDQ 3A, NBG 1, TBG 5, TBG 5A, TBG 7, XSB 1A, XSB 1D, XSB 2D, XSB 3A, XSB 4D
Radium-226	10/08/90	9 ±1.0 pCi/L	BGO 19D, BGO 22D, FAL 1, FAL 2, FCA 1N, FCA 16A, FCA 19D, NBG 1, NBG 3, NBG 4, NBG 5, P 26A, P 26B
Thorium-232	10/08/90	5.2 ±1.6 pCi/L	BGO 19D, BGO 22D, FAL 1, FAL 2, FCA 1N, FCA 16A, FCA 19D, NBG 1, NBG 3, NBG 4, NBG 5, P 26A, P 26B

A technical review of the quarter's analytical data identified the analyses in Table 19 as high in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 19. metaTRACE Samples With High Analytical Results as Compared to Historical Data

Analyte	Wells
Aluminum	BGO 1D, BGO 9D, BGO 10C, BGO 11D, BGO 15D, DCB 3A, DCB 11, FSB103C, HSB 83D, HSB102C, HSB112E, HSB115D, HSB117D, HSB125C, HSB127D, HSB133C, HSB139D, IDB 6
Antimony	BGO 25A, FSB 95C
Arsenic	FSB 97C

Table 19. metaTRACE Samples With High Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Barium	AMB 8D, HSB109D, LFW 22, LFW 39, LFW 40
Benzene	BGO 16D
Beryllium	DCB 4A
Bis(2-ethylhexyl) phthalate	FSB 90C, FSB 93C, FSB 96A, HSB102C, HSB110D, HSB111D, HSB111E, HSB112D, HSB115D, HSB121A, HSB122A, HSB123A, HSB124A
Cadmium	FSB 77, FSB 94C, FSB104D
Calcium	FSB 77, FSB100A
Chloride	LFW 10A, LFW 22
Chlorobenzene	LFW 7
Chromium	DCB 11, FSB 95C, HTF 9, HTF 11, HTF 13, HTF 15, HTF 16, HTF 17, HTF 18, HTF 19, HTF 20, HTF 21, HTF 22, HTF 23, HTF 24, HTF 26, HTF 28, HTF 29, LFW 42
Cobalt	FSB 77, FSB 94C, FSB 97C, FSB 98D, HSB105D, HSB112E, HSB115D
Copper	BGO 14C, DCB 11, FNB 1, FSB 78C, FSB 90D, FSB 97D, HSB 71, HSB114D, HSB117D, HSB131D, PCB 1A
Cyanide	FSB 78, HSB 68B
Dichloromethane (Methylene chloride)	BGO 16D, FSB108D, FSB111C, FSB111D, HSB 66, HSB 86A, HSB 86B, HSB103C, HSB105C, HSB113C, HSB114D, HSB119A, HSB134C, HSB137C, HSB139D, LFW 10A, LFW 21, LFW 22, LFW 34, LFW 38, LFW 39, XSB 4D
Ethylbenzene	LFW 22, XSB 2D
Fluoride	FSB 90C, HSB 85A, HSB 85B, HSB115D, HSB123A, HSB124A
Iron	BGO 6A, BGO 26D, BGO 34D, BGO 37D, BGO 38D, DCB 3A, DCB 4A, DCB 13, FNB 1, FNB 2, FSB 88D, FSB 90D, FSB 92D, FSB 94C, FSB 97D, HSB 68C, HSB105D, LFW 21, LFW 22, LFW 27, LFW 42, XSB 1A, YSC 1C, YSC 4C
Lead	BGO 26D, BGO 33D, CDB 1, CSB 2A, CSB 4A, FSB 97D, HSB109D, HSB112E, HSB133D, HTF 1, HTF 2, HTF 11, HTF 12, HTF 13, HTF 15, HTF 16, HTF 17, HTF 19, HTF 20, HTF 21, HTF 23, HTF 24, HTF 25, HTF 28, HTF 29, HTF 31, KRB 8
Magnesium	BGO 14C, BGO 26A, FSB 77, FSB 94C, FSB 98A, FSB100A, HSB101D, HSB108D, HSB115C, YSC 5A
Manganese	DCB 11, DCB 13, FSB 77, FSB 94C, HCB 1, HSB 83D, HSB101D, HSB115C, HSB127D, KCB 2, LFW 21, LFW 22, YSC 1C, YSC 2D
Mercury	FSB 88D, HSB104D, HSB108D, HSB126D, HSB127D, HTF 9, HTF 13, HTF 22, HTF 23, HTF 26, HTF 28, HTF 29
Nickel	BGO 25A, DCB 4A, DCB 11, FSB 94C, FSB108D, HSB 85B
Nitrate as nitrogen	ABP 1A, BGO 16A, BGO 27D, CBR 2D, FAC 4, FSB 94C, FTF 26, HSB 65B, HSB 67, HSB 86B, HSB118A, HSB125C, HSB130C, LFW 10A, LFW 25, LFW 39, TNX 2D
Nitrite as nitrogen	KSS 1D
pH	DCB 7
Phenols	BGO 33D, BGO 34D, BGO 37D, CSD 12D, FNB 2, FSB 79C, FSB 87A, FSB 88D, HSB 83C, HSB 84D, HSB121A, HSB123A
Potassium	BGO 10A, BGO 10C, IDB 6, YSC 4C

Table 19. metaTRACE Samples With High Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Selenium	DCB 6
Silver	CBR 3D, TBG 5
Specific conductance	ABP 1A, FAC 4, HSB 67, HSB 85C, LFW 22, LFW 23, LFW 25, LFW 39, LFW 40, LFW 41, LFW 42
Sulfate	BGO 5D, LFW 22, LFW 42
Tin	BGO 22D
Toluene	BGO 16D, BGO 30D, DCB 9, DCB 16, FSB 89D, LFW 22
Total dissolved solids	BRD 4, CBR 1D, CBR 2D, CSD 12D, HAC 4, PSS 2D
Total organic carbon	BG 109, BGO 39D, LFW 22, LFW 27
Total organic halogens	BGO 15D, BGO 30D, HSB114D, KDB 3, KSB 1, KSB 4A, LFW 10A, LFW 22, RDB 2D, TBG 6
Total phosphates (as P)	BGO 6D, BGO 14C, BGO 16A, BGO 18A, BGO 18D, BGO 20D, BGO 21D, BGO 24D, BGO 25A, BGO 31C, BGO 33D, BGO 35D, BGO 37D, FSB 76, FSB 94C, FSB 97C, FSB 98D, FSB109D, HAC 4, HSB 67, HSB 70, HSB 84A, HSB 86D, HSB111E, HSB115C, HSB135C, IDQ 3A, LSB 1, LSB 2, LSB 3, TBG 5A, TBG 5B, TBG 7, TNX 6D, XSB 1A, XSB 1B, YSB 1A
trans-1,2-Dichloroethene	BGO 15D, BGO 30D, BGO 33C, BGO 37C, DCB 7, LFW 18, LFW 21, LFW 38, LFW 39, TBG 4, TBG 5, TNX 3D, TNX 10D
Trichloroethylene	BGO 15D, BGO 28D, BGO 37C, KDB 3, LFW 10A, LFW 16, LFW 22, LFW 39, TBG 6
Trichlorofluoromethane	LFW 16, LFW 21, LFW 36, LFW 37, LFW 38, LFW 41
Turbidity	BGO 5D, BGO 6C, BGO 10C, BGO 14A, BGO 15D, BGO 25A
Xylenes	LFW 22
Zinc	DCB 4A, DCB 8, DCB 11, FSB 94C, FSB108D, HSB 86C, HSB117D, HSB131C
1,1-Dichloroethane	BGO 28D, LFW 10A, LFW 16, LFW 22
1,1-Dichloroethylene	BGO 30D, LFW 22
1,1,1-Trichloroethane	DCB 12, LFW 10A, LFW 22, LFW 38
2,4-Dichlorophenoxyacetic acid	HSB116C
Americium-241	BGO 19D, P 26A, P 26B
Gross alpha	ACB 3A, ACB 4A, BG 55, BG 67, BGO 30C, FSB 94C, FSB 98D, FTF 17, FTF 24A, FTF 25A, FTF 27, H 16, RSE 2, TBG 5
Nonvolatile beta	ACB 3A, ACB 4A, BG 55, BG 67, BGO 12D, BGO 30C, CBR 2D, DCB 12, DCB 15, FTF 21, FTF 24A, FTF 27, H 16, HSB 83B, HSB133D, HTF 31, LCO 1, LFW 22, MGC 32, RSE 2, TBG 5, TNX 2D
Radium-228	BGO 22D
Strontium-90	BGO 22D, P 26A
Thorium-228	P 26B
Thorium-230	BGO 19D
Thorium-232	BGO 19D, BGO 22D, P 26A, P 26B

Table 19. metaTRACE Samples With High Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Total radium	ACB 4A, CBR 2D, DCB 4A, FSB 94C, FTF 19, FTF 27, HSB109D
Tritium	BGO 31D, CSB 2A, H 16, HSB 71, IDB 6, KSB 1, KSB 3, KSB 4A, TNX 2D, TNX 7D
Uranium-234	P 26B

A technical review of the quarter's analytical data identified the analyses in Table 20 as low in comparison to historical data. A review of the laboratory records did not reveal a problem with the analyses.

Table 20. metaTRACE Samples With Low Analytical Results as Compared to Historical Data

Analyte	Wells
Aluminum	BGO 18D, DCB 6, DCB 8, IDP 5
Arsenic	DCB 7
Barium	FSB 98A, HSB 83B, LFW 36
Beryllium	DCB 6
Calcium	BGO 1D, BGO 14C, BGO 30D, BGO 36D, BGO 38D, BGO 39D, FSB 90D, FSB 98A
Chloride	LFW 6, LFW 36, MSB 6A
Chromium	DCB 1A, DCB 6, DCB 7, XSB 2D
Copper	DCB 6, PCB 2A
delta-Benzene hexachloride	BGO 21D
Fluoride	DCB 7, DCB 9, DCB 10, FSB 98C, FSB105C
gamma-Benzene hexachloride (Lindane)	HSB137C
Heptachlorodibenzo-p-dioxin isomers	BGO 18D
Iron	ABP 1A, BGO 6D, BGO 18D, BGO 19D, BGO 22D, BGO 24D, CBR 1D, DCB 5A, DCB 11, DOB 4, FAC 4, KDB 2, KDB 3, LFW 6, LFW 31, LFW 40, LFW 41, NBG 3, PCB 3A, TBG 3, TBG 5, TBG 6, TNX 3D, XSB 2D, XSB 4D
Lead	DCB 1A, DCB 4A, DCB 9, FSB 93D, FSB 98D, PDB 3
Magnesium	BGO 14A, FSB 95C
Manganese	BGO 1D, DCB 6, HR8 11, HR8 12, LFW 36, PCB 4A
Nickel	DCB 6, PCB 1A, PCB 4A
Nitrate as nitrogen	FTF 4, HSB 70, HSB133D, HSB134C, YSC 1C
Octachlorodibenzo-p-dioxin isomers	BGO 9D, BGO 18D, BGO 22D
Potassium	BGO 24D, FSB 90D, FSB 94C, FSB 98A, FSB 98D, FSB100A
Sodium	BGO 30C, FSB 98A, FSB100A
Specific conductance	BGO 14A, BGO 14C, BGO 26A, FSB 78, FSB 79, FSB 93D, FSB 97C, FSB 98A, FSB 98C, FSB 98D, FSB110D, HSB 85B, LFW 6, LFW 36, RDB 2D
Sulfate	BGO 10C, BGO 30C, DCB 3A, KCB 3, PCB 1A, PCB 3A, PCB 4A

Table 20. metaTRACE Samples With Low Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Tetrachlorodibenzo-p-dioxin isomers	BGO 9D
Tetrachloroethylene	LFW 21
Total dissolved solids	FSB 98A, HSB132C, HSB132D, KAC 1, TNX 8D
Total organic carbon	LFW 36, YSC 5A
Total organic halogens	CSB 3A, CSB 4A, CSB 5A, DCB 5A, DOB 2, KDB 2, LFW 6, LFW 36
Total phosphates (as P)	HSB 84B, HSB 85B
trans-1,2-Dichloroethene	LFW 36
Trichloroethylene	ASB 8, CSB 4A, CSB 5A, DOB 2, KDB 2
Turbidity	BGO 18D
Vanadium	BGO 22D
Zinc	DCB 6, DCB 15
1,1-Dichloroethane	LFW 18, LFW 36
Gross alpha	CSD 12D, HTF 22, HSB110D, IDP 5
Nonvolatile beta	FSB 92D, FSB 98A, FSB100A, HSB109D, HSB112E
Thorium-230	P 26B
Total radium	DCB 1A, FSB 98A, LFW 39, YSC 2D
Tritium	BGO 27D, BGO 32D, F 15, HSB 69, HSB 83D, HSB 84A, HSB 86D, KRB 1, LFW 6, LFW 36

Table 21 lists the reasons metaTRACE did not perform certain analyses.

Table 21. Analyses Not Performed by metaTRACE

Wells	Analytes	Reasons
BGO 3D, BGO 4D, BGO 20D	All scheduled analyses for third quarter	No access to wells
BGO 6C	Pesticides	Sample was lost during preparation of concentration by the laboratory
BGO 7D, BGO 8A, BGO 8C, BGO 8D, BGO 12C	All scheduled analyses for third quarter	Wells being renovated
BGO 13D	Base/neutral/acids, dioxins/furans, gross alpha, herbicides/pesticides, nonvolatile beta, total radium, tritium	Insufficient water for complete sample collection
BGO 17D	All scheduled analyses for third quarter	Road constructed over well
BGO 33C	Naphthalene	Laboratory accident

Table 21. Analyses Not Performed by metaTRACE (cont.)

Wells	Analytes	Reasons
BGO 35D	Herbicides	Mislabeling in receiving; sample consumed before error was realized
BRD 4	Nitrate as nitrogen, total organic carbon, total organic halogens, total phosphates (as P)	Container broke upon receipt
BRR 3D	Nitrate as nitrogen, phenols, total organic carbon, total organic halogens, total phosphates (as P)	Container broke during lab preparation
DCB 10	Arsenic	Unable to analyze because of matrix interference in the analysis
FSB 97D	Bis(2-ethylhexyl) phthalate, gross alpha, nonvolatile beta, total radium, tritium	Insufficient water for complete sample collection
HAC 4	Total phosphates (as P)	Insufficient sample for complete analysis
HSB112E	Nitrate, phenols, total organic carbon, total organic halogens, total phosphates (as P)	Container broken during laboratory accident
MSB 9A, MSB 14A, MSB 34A, MSB 37TA, MSB 45A	GC VOA	Sent twice to General Engineering Laboratory by mistake
TNX 5D, TNX 6D	Tritium	Insufficient water for complete sample collection
YSC 1A	All scheduled analyses for third quarter	Well damaged by lightning

Review of the M-Area Laboratory Analytical Data

A technical review of the quarter's analytical data identified the analyses in Table 22 as high in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 22. M-Area Samples With High Analytical Results as Compared to Historical Data

Analyte	Wells
Tetrachloroethylene	MSB 37A
Trichloroethylene	AMB 4, MSB 23TA, MSB 67B

A technical review of the quarter's analytical data identified the analyses in Table 23 as low in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 23. M-Area Samples With Low Analytical Results as Compared to Historical Data

Analyte	Wells
Tetrachloroethylene	MSB 66B, RWM 11
1,1-Dichloroethylene	RWM 8
1,1,1-Trichloroethane	RWM 8

Review of the Teledyne Analytical Data

A technical review of the quarter's analytical data identified the analyses in Table 24 as high in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 24. Teledyne Samples With High Analytical Results as Compared to Historical Data

Analyte	Wells
Americium-241	ASB 6A
Plutonium-238	BGO 11D

A technical review of the quarter's analytical data identified the analyses in Table 25 as low in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 25. Teledyne Samples With Low Analytical Results as Compared to Historical Data

Analyte	Wells
Thorium-230	HSB 85A
Thorium-232	BGO 11D, HSB 85B
Uranium-234	BGO 6A, HSB 85B, HSB 85C
Uranium-238	BGO 6A, HSB 85B

Table 26 lists the reason Teledyne did not perform certain analyses.

Table 26. Analyses Not Performed by Teledyne

Wells	Analytes	Reason
ASB 8, ASB 8A, ASB 8B, ASB 8C	Plutonium isotopes	Contract terminated
All BG, IDB, IDP, IDQ wells	Gamma PHA	Contract terminated
BGO 6C, BGO 15D, BGO 27C, BGO 33C	Plutonium and thorium isotopes	Contract terminated
BGO 26A, BGO 26D, BGO 27D, BGO 28D, BGO 29A, BGO 30C, BGO 30D, BGO 31C, BGO 31D, BGO 32D, BGO 33D, BGO 34D, BGO 35C, BGO 35D, BGO 36D, BGO 37C, BGO 37D, BGO 38D, BGO 39D	Gamma PHA	Contract terminated
All TBG, TNX, XSB wells	Gamma PHA; americium, curium, plutonium, radium and uranium isotopes	Contract terminated
ZBG 1, ZBG 1D, ZBG 2	Gamma PHA, technetium-99	Contract terminated

Review of the EPD/EMS Laboratory Drinking Water Analytical Data

A technical review of the quarter's drinking water results identified the analyses in Table 27 as high in comparison to historical data. A review of the EPD/EMS Laboratory records did not reveal any problems with the analyses.

Table 27. EPD/EMS Drinking Water Sites With High Analytical Results as Compared to Historic Results

Analyte	Sites
Gross alpha	A Area, 704-F Building, 704-H Building
Nonvolatile beta	105-K Building
Tritium	Allendale Gate

A technical review of the quarter's drinking water results identified nonvolatile beta as low in comparison to historical data in Central Shops and the Emergency Operations Center. A review of the EPD/EMS Laboratory records did not reveal any problems with the analyses.

Review of the EPD/EMS Laboratory Radioactive Analytical Data

A technical review of the quarter's radioactive results identified the analyses in Table 28 as high in comparison to historical data. A review of the EPD/EMS Laboratory records did not reveal any problems with the analyses.

Table 28. Samples With EPD/EMS Radioactive Analytical Results High as Compared to Historic Results

Analyte	Wells
Cerium-144	FCA 10A
Gross alpha	CSB 4A, HTF 11, Z 9
Nonvolatile beta	CSB 4A, F 17, FTF 24A, FTF 26
Tritium	BG 52, F 17, H 16, KSB 3, KSB 4A

A technical review of the quarter's radioactive results identified tritium as low in comparison to historical data in CSB 6A, BG 54, and PSB 7A. A review of the EPD/EMS Laboratory records did not reveal any problems with the analyses.

Table 29 lists the reasons the EPD/EMS Laboratory did not perform certain analyses.

Table 29. Analyses Not Performed by the EPD/EMS Laboratory

Wells	Analytes	Reason
FCA 9C	All scheduled analyses for third quarter	Well casing obstructed with trash, preventing sample collection
FCA 9D	Strontium-89/90	Insufficient water for complete sample collection

ANALYTICAL METHODS

Laboratories performed analyses using the EPA methods listed in Table 30, 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 do not correspond to the EPA methods for these determinations but 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 Chromatograph) and 624 (Gas Chromatograph/Mass Spectrometer).

- Methods that are not EPA methods are designated with an asterisk (*) in Table 30.

SAMPLE ANALYSIS

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 is the method that was used for at least half of the analyses.

The method code 200.7 means that the inductively coupled plasma method of analysis was used.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE

	GE		MT	
Analyte	Method	Detection Limit	Method	Detection Limit
a,a-Dimethylphenethylamine	8270	10 µg/L	8270	10 µg/L
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	1 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
Acrolein	8240	20 µg/L	8240	100 µg/L
Acrylonitrile	8240	20 µg/L	8240	5 µg/L
Aldrin	8080	0.1 µg/L	8080	0.05 µg/L
	8270	10 µg/L	608	0.05 µg/L
Alkalinity	310.1	1 µg/L	310.1	–
Allyl chloride	8240	50 µg/L	8240	100 µg/L
alpha-Benzene hexachloride	8080	0.1 µg/L	608	0.05 µg/L
	8270	10 µg/L	8080	0.05 µg/L
alpha-Endosulfan	8270	10 µg/L	–	–
Aluminum	6010	20 µg/L	200.7	44 µg/L
Aniline	8270	10 µg/L	8270	10 µg/L
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	3 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
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

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
Benzo[*a*]pyrene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Benzo[*b*]fluoranthene	8270	10 µg/L	–	–
Benzo bifluoranthene	–	–	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
Benzoic acid	8270	50 µg/L	625	50 µg/L
			8270	50 µg/L
Benzo[*k*]fluoranthene	8270	10 µg/L	625	10 µg/L
			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	1 µg/L
beta-Benzene hexachloride	8080	0.1 µg/L	8080	0.05 µg/L
	8270	10 µg/L	608	0.05 µg/L
beta-Endosulfan	8270	10 µg/L	–	–
Bis(chloromethyl)ether	8270	10 µg/L	–	–
Bis(chloromethyl-ethyl)ether	8240	1 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
	8080	10 µg/L	8270	10 µg/L
Boron	–	–	200.7	7.5 µg/L
Bromide	300.0	1 mg/L	300.0	0.25 mg/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
Bromomethane (Methyl bromide)	8240	1 µg/L	624	10 µg/L
			8240	5 µg/L
Butylbenzyl phthalate	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Cadmium	6010	2 µg/L	200.7	4 µg/L
Calcium	6010	10 µg/L	200.7	5 µg/L
Carbon disulfide	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Carbon tetrachloride	8010	1 µg/L	624	5 µg/L
	8240	1 µg/L	601	1 µg/L
			8240	5 µg/L

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
Carbon 12-Labeled 2,3,7,8-TCDD	8280	0.45 ng/L	–	–
Carbon 12-Labeled TCDF	8280	0.4 ng/L	–	–
Carbon 13-Labeled 2,3,7,8-TCDD	8280	0.45 ng/L	8280	–
Carbon 13-Labeled TCDF	8280	0.4 ng/L	8280	–
Chlordane	8080	0.1 µg/L	8080	1 µg/L
	8270	10 µg/L	608	1 µg/L
Chloride	300.0	0.25 mg/L	300.0	0.25 mg/L
Chlorobenzene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Chlorobenzilate	8270	10 µg/L	8270	10 µg/L
Chloroethane	8240	1 µg/L	624	10 µg/L
			8240	10 µg/L
Chloroethene (Vinyl chloride)	8240	1 µg/L	8240	5 µg/L
Chloroform	8010	1 µg/L	624	5 µg/L
	8240	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
Chloroprene	8240	200 µg/L	8240	5 µg/L
Chromium	6010	4 µg/L	200.7	5 µg/L
Chrysene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
cis-1,2-Dichloroethene	8240	1 µg/L	–	–
cis-1,3-Dichloropropene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Cobalt	6010	4 µg/L	200.7	13 µg/L
Copper	6010	4 µg/L	200.7	14 µg/L
Cyanide	9012	5 µg/L	335.2	5 µg/L
delta-Benzene hexachloride	8080	0.1 µg/L	608	0.05 µg/L
	8270	10 µg/L	8080	0.05 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
Dibromochloropropane	8240	50 µg/L	–	–
Dibromomethane (Methylene bromide)	8240	10 µg/L	8240	10 µg/L
Dichlorodifluoromethane	8240	1 µg/L	8240	5 µg/L
Dichloromethane (Methylene chloride)	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
Dieldrin	8080	0.1 µg/L	8080	0.1 µg/L
	8270	10 µg/L	608	0.1 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
Dimethyl phthalate	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Di-n-butyl phthalate	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
Diphenylamine	8270	10 µg/L	8270	10 µg/L
Dissolved organic carbon	9060	1 mg/L	415.2	1 mg/L
Disulfoton	8270	10 µg/L	8270	10 µg/L
Endosulfan I	8080	0.1 µg/L	8080	0.05 µg/L
			608	0.05 µg/L
Endosulfan II	8080	0.1 µg/L	8080	0.1 µg/L
			608	0.1 µg/L
Endosulfan sulfate	8080	0.1 µg/L	8080	0.1 µg/L
	8270	10 µg/L	608	0.1 µg/L
Endrin	8080	0.0012 µg/L	608	0.006 µg/L
	8270	10 µg/L	8080	0.1 µg/L
Endrin aldehyde	8080	0.1 µg/L	8080	0.2 µg/L
	8270	10 µg/L	608	0.2 µg/L
Ethylbenzene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Ethyl methacrylate	8270	10 µg/L	8240	5 µg/L
			8270	10 µg/L
Ethyl methanesulfonate	8270	10 µg/L	8270	10 µg/L
Famphur	8270	10 µg/L	8270	10 µg/L
Fluoranthene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Fluorene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Fluoride	340.1	0.1 mg/L	300.0	0.25 mg/L
gamma-Benzene hexachloride	8080	0.001 µg/L	608	0.005 µg/L
(Lindane)	8270	10 µg/L	8080	0.05 µg/L
Heptachlor	8080	0.1 µg/L	8080	–
	8270	10 µg/L		
Heptachlor epoxide	8080	0.1 µg/L	8080	0.05 µg/L
	8270	10 µg/L	608	0.05 µg/L
Heptachlorodibenzo-p-dioxin isomers	8280	0.65 ng/L	8280	1.43 ng/L

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
Heptachlorodibenzo-p-furan isomers	8280	0.45 ng/L	8280	1.81 ng/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	0.45 ng/L	8280	1.46 ng/L
Hexachlorodibenzo-p-furan isomers	8280	0.4 ng/L	8280	1.44 ng/L
Hexachloroethane	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Hexachlorophene	8270	100 µg/L	8270	10 µg/L
Hexachloropropene	8270	10 µg/L	8270	10 µg/L
Indeno[1,2,3-*c,d*]pyrene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Iodine	415	0.1 mg/L	300.0	0.1 mg/L
Iodomethane (Methyl iodide)	8240	15 µg/L	8240	5 µg/L
Iron	6010	4 µg/L	200.7	21 µg/L
Isobutyl alcohol	8240	100 µg/L	–	–
Isodrin	8270	10 µg/L	8270	10 µg/L
			8080	0.01 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	1 µg/L
Lead	7421	3 µg/L	7421	3 µg/L
Lithium	6010	5 µg/L	200.7	20 µg/L
m-Cresol (3-Methylphenol)	8270	10 µg/L	8270	10 µg/L
Magnesium	6010	2 µg/L	200.7	1 µg/L
Manganese	6010	2 µg/L	200.7	2 µg/L
Mercury	7470	0.2 µg/L	245.1	0.2 µg/L
Methacrylonitrile	8240	50 µg/L	8240	5 µg/L
Methapyrilene	8270	10 µg/L	8270	10 µg/L
Methoxychlor	8080	0.1 µg/L	608	0.5 µg/L
			8080	0.05 µg/L
Methyl ethyl ketone	8240	1 µg/L	8240	10 µg/L
Methyl isobutyl ketone	8240	1 µg/L	–	–
Methyl methacrylate	8270	10 µg/L	8240	5 µg/L
Methyl methanesulfonate	8270	10 µg/L	8270	10 µg/L
Molybdenum	–	–	200.7	2 µg/L

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
Naphthalene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Nickel	6010	4 µg/L	200.7	3.4 µg/L
Nitrate as nitrogen	353.3	0.05 mg/L	352.1	0.06 mg/L
	300.0	0.05 mg/L		
Nitrite as nitrogen	300.0	0.01 mg/L	300.0	0.08 mg/L
Nitrobenzene	8270	10 µg/L	625	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-Nitrosodi-n-butylamine	8270	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
o-Cresol (2-Methylphenol)	8270	10 µg/L	8270	10 µg/L
Octachlorodibenzo-p-dioxin isomers	8280	1 ng/L	8280	1.98 ng/L
Octachlorodibenzo-p-furan isomers	8280	1 ng/L	8280	3.31 ng/L
Oil and grease	413.1	1 mg/L	–	–
O,O,O-Triethyl phosphorothioate	8270	10 µg/L	8270	10 µg/L
o-Toluidine	8270	10 µg/L	8270	10 µg/L
para-Chloro-meta-cresol	8270	10 µg/L	–	–
Parathion	8080	0.1 µg/L	8270	10 µg/L
			8080	0.25 µg/L
Parathion methyl	8080	0.1 µg/L	8270	10 µg/L
PCB 1016	8270	150 µg/L	8080	0.5 µg/L
	8080	0.1 µg/L	608	0.5 µg/L
PCB 1221	8270	150 µg/L	8080	0.5 µg/L
	8080	0.1 µg/L	608	0.5 µg/L
PCB 1232	8270	150 µg/L	8080	0.5 µg/L
	8080	0.1 µg/L	608	0.5 µg/L
PCB 1242	8270	150 µg/L	8080	0.5 µg/L
	8080	0.1 µg/L	608	0.5 µg/L
PCB 1248	8270	150 µg/L	8080	0.5 µg/L
	8080	0.1 µg/L	608	0.5 µg/L
PCB 1254	8270	150 µg/L	8080	1 µg/L
	8080	0.1 µg/L	608	1 µg/L

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
PCB 1260	8270	150 µg/L	8080	1 µg/L
	8080	0.1 µg/L	608	1 µg/L
PCB 1262	8080	0.1 µg/L	–	–
p-Cresol (4-Methylphenol)	8270	10 µg/L	8270	10 µg/L
p-Dimethylaminoazobenzene	8270	10 µg/L	8270	10 µg/L
Pentachlorobenzene	8270	10 µg/L	8270	10 µg/L
Pentachlorodibenzo-p-dioxin isomers	8280	0.55 ng/L	8280	4.21 ng/L
Pentachlorodibenzo-p-furan isomers	8280	0.55 ng/L	8280	1.52 ng/L
Pentachloroethane	8270	10 µg/L	8240	5 µg/L
			8270	10 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
Phenols	420.1	5 µg/L	420.1	5 µg/L
	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Phorate	8080	0.1 µg/L	8270	10 µg/L
Potassium	6010	500 µg/L	200.7	500 µg/L
p,p'-DDD	8080	0.1 µg/L	608	0.1 µg/L
	8270	10 µg/L	8080	0.1 µg/L
p,p'-DDE	8080	0.1 µg/L	8080	0.1 µg/L
	8270	10 µg/L	608	0.1 µg/L
p,p'-DDT	8080	0.1 µg/L	8080	0.1 µg/L
	8270	10 µg/L	608	0.1 µg/L
p-Phenylenediamine	8270	10 µg/L	8270	10 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	205 µg/L
Silver	6010	2 µg/L	200.7	2.5 µg/L
Sodium	6010	10 µg/L	200.7	29 µg/L
Specific conductance	120.1	–	120.1	–
Styrene	8240	1 µg/L	8240	5 µg/L
Sulfate	300.0	1 mg/L	300.0	1 mg/L

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
Sulfide	9030	1 mg/L	376.1	1 mg/L
Sulfotepp	8270	10 µg/L	–	–
Tetrachlorodibenzo-p-dioxin isomers	8280	0.45 ng/L	8280	2.45 ng/L
Tetrachlorodibenzo-p-furan isomers	8280	0.4 ng/L	8280	2.06 ng/L
Tetrachloroethylene	8010	1 µg/L	624	5 µg/L
	8240	1 µg/L	601	0.4 µg/L
			8240	10 µg/L
Tetraethyl dithiopyrophosphate	–	–	8270	10 µg/L
Thallium	7481	2 µg/L	7481	3 µg/L
Thionazin	8270	10 µg/L	8270	10 µg/L
Tin	282.2	2 µg/L	200.7	972 µg/L
Toluene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Total carbon	9060	1 mg/L	415.2	1 mg/L
Total dissolved solids	160.1	1 mg/L	160.2	5 mg/L
Total hardness	–	–	130.2	–
Total hydrocarbons	418.1	1 mg/L	–	–
Total inorganic carbon	9060	1 mg/L	415.2	1 mg/L
Total organic carbon	9060	1 mg/L	415.1	1 mg/L
Total organic halogens	9020	5 µg/L	450.1	5 µg/L
Total petroleum hydrocarbons	–	–	418.1	2 mg/L
Total phosphates (as P)	365.2	0.05 mg/L	365.1	10 µg/L
Total silica	6010	100 µg/L	–	–
Toxaphene	8080	0.048 µg/L	608	0.24 µg/L
	8270	10 µg/L	8080	1 µg/L
trans-1,2-Dichloroethene	8240	1 µg/L	624	5 µg/L
trans-1,3-Dichloropropene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
trans-1,4-Dichloro-2-butene	8240	30 µg/L	8240	10 µg/L
Tributyl phosphate	8270	10 µg/L	–	–
Trichloroethylene	8010	1 µg/L	624	5 µg/L
	8240	1 µg/L	601	0.4 µg/L
			8240	10 µg/L
Trichlorofluoromethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Turbidity	180.1	–	180.1	–
Uranium	6010	1 mg/L	200.7	72 µg/L
	908.0	1 pCi/L		
Vanadium	6010	10 µg/L	200.7	3 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

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
Zinc	6010	2 µg/L	200.7	4 µg/L
1-Naphthylamine	8270	10 µg/L	8270	10 µg/L
1,1-Dichloroethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
1,1-Dichloroethylene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
1,1,1-Trichloroethane	8010	1 µg/L	624	5 µg/L
	8240	1 µg/L	601	0.4 µg/L
			8240	5 µg/L
1,1,1,2-Tetrachloroethane	8240	1 µg/L	8240	5 µg/L
1,1,2-Trichloroethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
1,1,2,2-Tetrachloroethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
1,2-Dibromoethane	8240	20 µg/L	8240	5 µg/L
1,2-Dibromo-3-chloropropane	–	–	8240	10 µg/L
1,2-Dichlorobenzene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,2-Dichloroethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
1,2-Dichloroethylene	–	–	8240	5 µg/L
1,2-Dichloropropane	8240	1 µg/L	624	5 µg/L
			3240	5 µg/L
1,2-Diphenylhydrazine	8270	10 µg/L	–	–
1,2,3-Trichloropropane	8240	20 µg/L	8240	5 µg/L
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8280	0.65 ng/L	–	–
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	8280	0.45 ng/L	–	–
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8280	0.45 ng/L	–	–
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	8280	0.4 ng/L	–	–
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	8280	0.55 ng/L	–	–
1,2,3,7,8-Pentachlorodibenzo-p-furan	8280	0.55 ng/L	–	–
1,2,4-Trichlorobenzene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,2,4,5-Tetrachlorobenzene	8270	10 µg/L	8270	10 µg/L
1,3-Dichlorobenzene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,3-Dinitrobenzene	8270	10 µg/L	8270	10 µg/L
1,3,5-Trinitrobenzene	8270	10 µg/L	8270	10 µg/L

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
1,4-Benzoquinone	–	–	8270	10 µg/L
1,4-Dichlorobenzene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,4-Dioxane	8270	10 µg/L	8240	10 µg/L
1,4-Naphthoquinone	8270	10 µg/L	8270	10 µg/L
2-Acetylaminofluorene	8270	10 µg/L	8270	10 µg/L
2-Chloroethyl vinyl ether	8240	1 µg/L	624	5 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
2-Hexanone	8240	1 µg/L	8240	10 µg/L
2-Methyl-4,6-dinitrophenol	8270	50 µg/L	8270	50 µg/L
2-Methylnaphthalene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2-Naphthylamine	8270	10 µg/L	8270	10 µg/L
2-Nitroaniline	8270	10 µg/L	8270	50 µg/L
2-Nitrophenol	8270	10 µg/L	625	10 µg/L
2-Picoline	8270	10 µg/L	8270	10 µg/L
2-Sec-butyl-4,6-dinitrophenol	8270	50 µg/L	8270	10 µg/L
2,3,4,6-Tetrachlorophenol	8270	10 µg/L	8270	10 µg/L
2,4-Dichlorophenol	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2,4-Dichlorophenoxyacetic acid	8150	0.3 µg/L	509B	0.46 µg/L
			8150	0.46 µg/L
2,4-Dimethyl phenol	8270	10 µg/L	625	10 µg/L
			8270	10 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
2,4,5-TP (Silvex)	8150	0.09 µg/L	509B	0.07 µg/L
			8150	0.07 µg/L
2,4,5-Trichlorophenol	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2,4,5-Trichlorophenoxyacetic acid	8150	0.5 µg/L	8150	0.07 µg/L
2,4,6-Trichlorophenol	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2,6-Dichlorophenol	8270	10 µg/L	8270	10 µg/L
2,6-Dinitrotoluene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
3-Methylcholanthrene	8270	10 µg/L	8270	10 µg/L
3-Nitroaniline	8270	10 µg/L	8270	50 µg/L

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
3,3'-Dichlorobenzidine	8270	10 µg/L	625	20 µg/L
			8270	20 µg/L
3,3'-Dimethylbenzidine	8270	10 µg/L	8270	10 µg/L
4-Aminobiphenyl	8270	10 µg/L	8270	10 µg/L
4-Bromophenyl phenyl ether	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
4-Chloroaniline	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
4-Chloro-3-methylphenol	–	–	625	10 µg/L
			8270	10 µg/L
4-Chlorophenyl phenyl ether	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
4-Methyl-2-pentanone	–	–	8240	10 µg/L
4-Nitroaniline	8270	10 µg/L	8270	50 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
4,6-Dinitro-ortho-cresol	–	–	8270	50 µg/L
5-Nitro-o-toluidine	8270	10 µg/L	8270	10 µg/L
7,12-Dimethylbenz[a]anthracene	8270	10 µg/L	8270	10 µg/L
Americium-241	–	–	EERFAM01	1 pCi/L
Antimony-125	–	–	900.0	32 pCi/L
Cerium-141	–	–	900.0	6 pCi/L
Cerium-144	–	–	900.0	200 pCi/L
Cesium-134	–	–	900.0	23 pCi/L
Cesium-137	–	–	900.0	4.4 pCi/L
Cobalt-58	–	–	900.0	4.4 pCi/L
Cobalt-60	–	–	900.0	5.9 pCi/L
Gross alpha	900.0	2 pCi/L	900.0	4 pCi/L
Iodine-129	–	–	900.0	44 pCi/L
Manganese-54	–	–	900.0	4.2 pCi/L
Niobium-95	–	–	900.0	4.4 pCi/L
Nonvolatile beta	900.0	2 pCi/L	900.0	6 pCi/L
Plutonium-238	–	–	EERFPU01	1 pCi/L
Plutonium-239	–	–	EERFPU01	1 pCi/L
Radium-226	–	–	903.1	1 pCi/L
			900.0	13 pCi/L
Radium-228	–	–	900.0	75 pCi/L
			904.1	2.1 pCi/L
Ruthenium-103	–	–	900.0	3.9 pCi/L
Ruthenium-106	–	–	900.0	36 pCi/L
Sodium-22	–	–	900.0	5.7 pCi/L
Strontium-89	–	–	905.0	1.5 pCi/L
Strontium-90	–	–	905.0	1.4 pCi/L

– Not analyzed or no detection limit.

Table 30. Methods and Detection Limits Used by General Engineering and metaTRACE (cont.)

Analyte	GE Method	GE Detection Limit	MT Method	MT Detection Limit
Technetium-99	–	–	RC-011*	7 pCi/L
Thorium-228	–	–	EERF0.07	1 pCi/L
Thorium-230	–	–	EERF0.07	1 pCi/L
Thorium-232	–	–	EERF0.07	1 pCi/L
Total radium	900.1	1 pCi/L	903.0	1 pCi/L
Tritium	906.0	0.7 pCi/mL	9763M†	1 pCi/mL
Uranium-234	–	–	EERF0.07	3.3 pCi/L
Uranium-235	–	–	EERF0.07	1.2 pCi/L
			900.0	27 pCi/L
Uranium-238	–	–	900.0	95 pCi/L
			EERF0.07	1.8 pCi/L
Zinc-65	–	–	900.0	10 pCi/L
Zirconium-95	–	–	900.0	9.2 pCi/L

– Not analyzed or no detection limit.
* St. Louis Procedure developed by metaTRACE, based on Martin Marietta Procedure R-46, 6-15-89, Rev.
† An in-house method from the Los Alamos National Laboratory (1983).

Teledyne Isotopes conducted all analyses of radioisotopes using the in-house methods in Table 31, which are based on applicable EPA methods, during third quarter 1990.

Table 31. Methods and Detection Limits Used by Teledyne for Radioisotopes

Analyte	Method	Detection Limit	Analyte	Method	Detection Limit
Gross alpha	032-1	3 pCi/L	Potassium-40	042-5	100 pCi/L
Americium-241	052-32	0.4 pCi/L	Manganese-54	042-5	5 pCi/L
Americium-243	052-32	0.4 pCi/L	Nickel-59	032-79	100 pCi/L
Barium-140	042-5	40 pCi/L	Nickel-63	032-37	9 pCi/L
Beryllium-7	042-5	60 pCi/L	Neptunium-237	042-5	10 pCi/L
Cerium-141	042-5	10 pCi/L	Nonvolatile beta	032-1	3 pCi/L
Cerium-144	042-5	40 pCi/L	Plutonium-238	052-32	0.5 pCi/L
Curium-242	052-32	0.4 pCi/L	Plutonium-239/240	052-32	0.2 pCi/L
Curium-243/244	052-32	1 pCi/L	Plutonium-242	052-32	0.2 pCi/L
Curium-246	052-32	0.4 pCi/L	Radium-226	042-5	100 pCi/L
Cobalt-58	042-5	6 pCi/L		022-65	1 pCi/L
Cobalt-60	042-5	6 pCi/L	Radium-228	032-67	2 pCi/L
Cesium-134	042-5	6 pCi/L	Ruthenium-103	042-5	7 pCi/L
Cesium-137	042-5	5 pCi/L	Ruthenium-106	042-5	50 pCi/L
Carbon-14	032-82	10 pCi/L	Strontium-89	032-16	7 pCi/L
Iron-55	032-62	50 pCi/L	Strontium-90	032-16	1 pCi/L
Iron-59	042-5	10 pCi/L	Technetium-99	032-78	10 pCi/L
Iodine-129	032-90	3 pCi/L	Thorium-228	042-5	10 pCi/L
Iodine-131	042-5	100 pCi/L		052-32	1 pCi/L

Table 31. Methods and Detection Limits Used by Teledyne for Radioisotopes (cont.)

Analyte	Method	Detection Limit
Thorium-230	052-32	0.4 pCi/L
Thorium-232	052-32	0.3 pCi/L
Tritium	052-2	2 pCi/mL
Uranium-234	052-32	0.3 pCi/L
Uranium-235	052-32	0.1 pCi/L
Uranium-238	052-32	0.3 pCi/L
Zinc-65	042-5	10 pCi/L
Zirconium-95	042-5	7 pCi/L

QUALITY CONTROL SAMPLES

REPLICATE AND DUPLICATE ANALYSES OF SAMPLES

Blind replicate samples and duplicates are analyzed by the primary laboratories, General Engineering (GE) and metaTRACE (MT), 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 for approximately 5% of the total samples to both laboratories for analysis. The results of the blind replicate analyses are used for intralaborary and interlaboratory comparisons. All of these results are included in the **Analytical Results** section of this report.

The replicate and duplicate analytical results are used to generate the Mean Relative Difference (MRD) index for comparison. The MRD is used along with *t*-test results (Steel and Torrie, 1980) to evaluate the laboratories' performance. Consult the tables in the **Analytical Results** section for blind replicate data from the samples listed in Table 32.

Table 32. Wells Providing Blind Replicate Samples

Well	Sample Date	Well	Sample Date	Well	Sample Date
ABP 1A	08/23/90	DOB 1	08/29/90	MSB 6A	07/05/90
ACB 4A	07/13/90	FAC 4	08/22/90	MSB 15A	09/25/90
ADB 1	07/13/90	FCB 2	08/07/90	MSB 27	08/03/90
AMB 8	07/20/90	FNB 2	08/07/90	MSB 28A	07/24/90
ASB 8A	07/30/90	FSB 76B	07/10/90	MSB 44A	07/31/90
ASB 8B	07/30/90	FSB 79B	07/12/90	MSB 66B	08/12/90
ASB 8D	09/17/90	HAC 4	08/01/90	PAC 2	08/06/90
BG 109	08/28/90	HSB 66	07/12/90	PCB 1A	08/24/90
BGO 6C	07/25/90	HSB132C	07/12/90	PSS 2D	09/19/90
BGO 9D	07/25/90	IDB 2A	09/18/90	RDB 2D	09/12/90
BGO 33C	07/30/90	IDB 6	09/19/90	SRW 13C	08/20/90
BGO 35C	07/30/90	IDP 3A	09/13/90	TBG 5A	09/17/90
BRD 4	09/12/90	IDP 5	09/17/90	TBG 7	09/17/90
CBR 2D	08/30/90	IDQ 3A	09/17/90	TNX 9D	09/20/90
CCB 4	08/29/90	KAC 1	08/02/90	XSB 3A	09/18/90
CSD 12D	08/31/90	KSS 1D	08/10/90	XSB 4D	09/17/90
	09/07/90	LFW 19	08/24/90	YSB 1A	09/20/90
DCB 1A	08/29/90	LFW 30	08/27/90	ZBG 1	08/13/90

Certain analytes did not show measurable concentrations above the detection limits at either laboratory. These analytes, listed in Table 33, are not considered in further evaluation of the replicate and duplicate program.

Table 33. Analytes Not Showing Measurable Concentrations Above Detection Limits

Analyte	GE Detection Limit	GE Number of Analyses	MT Detection Limit	MT Number of Analyses
a,a-Dimethylphenethylamine	10 µg/L	9	10 µg/L	6
Acenaphthene	10 µg/L	27	10 µg/L	17
Acenaphthylene	10 µg/L	27	10 µg/L	17
Acetonitrile (Methyl cyanide)	100 µg/L	9	100 µg/L	6
Acetophenone	10 µg/L	14	10 µg/L	6
Acrolein	20 µg/L	9	100 µg/L	6
Acrylonitrile	20 µg/L	9	5 µg/L	6
Aldrin	10 µg/L	31	0.05 µg/L	6
Allyl chloride	50 µg/L	9	100 µg/L	6
alpha-Benzene hexachloride	10 µg/L	33	0.05 µg/L	8
alpha-Endosulfan	10 µg/L	18	–	–
Aniline	10 µg/L	9	10 µg/L	6
Anthracene	10 µg/L	27	10 µg/L	17
Aramite	10 µg/L	9	10 µg/L	6
Azobenzene	–	–	10 µg/L	16
Benzene	1 µg/L	63	5 µg/L	36
Benzidine	50 µg/L	18	50 µg/L	17
Benzo[*a*]anthracene	10 µg/L	27	10 µg/L	17
Benzo[*a*]pyrene	10 µg/L	27	10 µg/L	17
Benzo[*b*]fluoranthene	10 µg/L	27	–	–
Benzo bifluoranthene	–	–	10 µg/L	16
Benzo[*g,h,i*]perylene	10 µg/L	27	10 µg/L	17
Benzoic acid	50 µg/L	3	50 µg/L	18
Benzo[*k*]fluoranthene	10 µg/L	27	10 µg/L	17
Benzyl alcohol	20 µg/L	9	10 µg/L	16
beta-Benzene hexachloride	10 µg/L	31	0.05 µg/L	6
beta-Endosulfan	10 µg/L	18	–	–
Bis(chloromethyl) ether	10 µg/L	18	–	–
Bis(chloromethyl-ethyl) ether	1 µg/L	9	10 µg/L	6
Bis(2-chloroethoxy) methane	10 µg/L	27	10 µg/L	17
Bis(2-chloroethyl) ether	10 µg/L	27	10 µg/L	17
Bis(2-chloroisopropyl) ether	10 µg/L	18	10 µg/L	17
Bromide	1,000 µg/L	11	250 µg/L	10
Bromodichloromethane	1 µg/L	63	5 µg/L	36
Bromoform	1 µg/L	63	5 µg/L	36
Bromomethane (Methyl bromide)	1 µg/L	63	10 µg/L	36
Butylbenzyl phthalate	10 µg/L	35	10 µg/L	23
Carbon disulfide	1 µg/L	9	5 µg/L	2
Chlordane	10 µg/L	31	1 µg/L	6
Chlorobenzene	1 µg/L	63	5 µg/L	36
Chlorobenzilate	10 µg/L	9	10 µg/L	6
Chloroethane	1 µg/L	63	10 µg/L	36
Chloroethene (Vinyl chloride)	1 µg/L	63	5 µg/L	6
Chloroprene	200 µg/L	9	5 µg/L	6

– No analyses conducted as part of the Replicate Program.

Table 33. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	GE Detection Limit	GE Number of Analyses	MT Detection Limit	MT Number of Analyses
Chrysene	10 µg/L	27	10 µg/L	17
cis-1,3-Dichloropropene	1 µg/L	63	5 µg/L	36
Cyanide	5 µg/L	44	5 µg/L	35
delta-Benzene hexachloride	10 µg/L	34	0.05 µg/L	12
Diallate	10 µg/L	9	10 µg/L	6
Dibenz[*a,h*]anthracene	10 µg/L	27	10 µg/L	17
Dibenzofuran	10 µg/L	9	10 µg/L	16
Dibromochloromethane	1 µg/L	63	5 µg/L	36
Dibromomethane (Methylene bromide)	10 µg/L	9	10 µg/L	6
Dibromochloropropane	50 µg/L	9	–	–
Dichlorodifluoromethane	1 µg/L	9	5 µg/L	6
Dieldrin	10 µg/L	31	0.1 µg/L	6
Diethyl phthalate	10 µg/L	30	10 µg/L	19
Dimethoate	10 µg/L	9	10 µg/L	6
Dimethyl phthalate	10 µg/L	27	10 µg/L	17
Di-n-octyl phthalate	10 µg/L	37	10 µg/L	25
Diphenylamine	10 µg/L	9	10 µg/L	6
Disulfoton	10 µg/L	9	10 µg/L	6
Endosulfan I	0.5 µg/L	11	0.05 µg/L	6
Endosulfan II	0.5 µg/L	11	0.1 µg/L	6
Endosulfan sulfate	10 µg/L	31	0.1 µg/L	6
Endrin	10 µg/L	93	0.1 µg/L	31
Endrin aldehyde	10 µg/L	31	0.2 µg/L	6
Ethyl methacrylate	10 µg/L	9	10 µg/L	12
Ethyl methanesulfonate	10 µg/L	9	10 µg/L	6
Famphur	10 µg/L	9	10 µg/L	6
Fluoranthene	10 µg/L	27	10 µg/L	17
Fluorene	10 µg/L	27	10 µg/L	17
gamma-Benzene hexachloride (Lindane)	10 µg/L	93	0.05 µg/L	31
Heptachlor	10 µg/L	31	–	–
Heptachlor epoxide	10 µg/L	31	0.05 µg/L	6
Heptachlorodibenzo-p-dioxin isomers	0.65 ng/L	12	1.11 ng/L	10
Heptachlorodibenzo-p-furan isomers	0.45 ng/L	12	1.68 ng/L	10
Hexachlorobenzene	10 µg/L	27	10 µg/L	17
Hexachlorobutadiene	10 µg/L	27	10 µg/L	17
Hexachlorocyclopentadiene	10 µg/L	27	10 µg/L	17
Hexachlorodibenzo-p-dioxin isomers	0.45 ng/L	12	1.11 ng/L	10
Hexachlorodibenzo-p-furan isomers	0.4 ng/L	12	1.13 ng/L	10
Hexachloroethane	10 µg/L	27	10 µg/L	17
Hexachlorophene	100 µg/L	9	10 µg/L	6
Hexachloropropene	10 µg/L	9	10 µg/L	6

– No analyses conducted as part of the Replicate Program.

Table 33. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	GE Detection Limit	GE Number of Analyses	MT Detection Limit	MT Number of Analyses
Indeno[1,2,3-*c,d*]pyrene	10 µg/L	27	10 µg/L	17
Iodine	100 µg/L	18	100 µg/L	8
Iodomethane (Methyl iodide)	15 µg/L	9	5 µg/L	6
Isobutyl alcohol	100 µg/L	9	–	–
Isodrin	10 µg/L	9	10 µg/L	6
Isophorone	10 µg/L	27	10 µg/L	17
Isosafrole	10 µg/L	9	10 µg/L	6
Kepone	10 µg/L	9	10 µg/L	6
m-Cresol (3-Methylphenol)	10 µg/L	9	10 µg/L	6
Methacrylonitrile	50 µg/L	9	5 µg/L	6
Methapyrilene	10 µg/L	9	10 µg/L	6
Methyl ethyl ketone	1 µg/L	9	10 µg/L	6
Methyl isobutyl ketone	1 µg/L	9	–	–
Methyl methacrylate	10 µg/L	9	5 µg/L	6
Methyl methanesulfonate	10 µg/L	9	10 µg/L	6
Naphthalene	10 µg/L	32	10 µg/L	21
Nitrobenzene	10 µg/L	27	10 µg/L	17
N-Nitrosodiethylamine	10 µg/L	9	10 µg/L	6
N-Nitrosodimethylamine	10 µg/L	27	10 µg/L	17
N-Nitrosodi-n-butylamine	10 µg/L	9	10 µg/L	6
N-Nitrosodiphenylamine	10 µg/L	29	10 µg/L	19
N-Nitrosodi-propylamine	10 µg/L	27	10 µg/L	17
N-Nitrosomethylethylamine	10 µg/L	9	10 µg/L	6
N-Nitrosomorpholine	10 µg/L	9	10 µg/L	6
N-Nitrosopiperidine	10 µg/L	9	10 µg/L	6
N-Nitrosopyrrolidine	10 µg/L	9	10 µg/L	6
o-Cresol (2-Methylphenol)	10 µg/L	9	10 µg/L	6
Octachlorodibenzo-p-dioxin isomers	1 ng/L	12	1.63 ng/L	10
Octachlorodibenzo-p-furan isomers	1 ng/L	12	2.24 ng/L	10
O,O,O-Triethyl phosphorothioate	10 µg/L	9	10 µg/L	6
o-Toluidine	10 µg/L	9	10 µg/L	6
Parathion	0.5 µg/L	9	10 µg/L	6
Parathion methyl	0.5 µg/L	9	10 µg/L	6
PCB 1016	150 µg/L	27	0.5 µg/L	6
PCB 1221	150 µg/L	27	0.5 µg/L	6
PCB 1232	150 µg/L	27	0.5 µg/L	6
PCB 1242	150 µg/L	27	0.5 µg/L	6
PCB 1248	150 µg/L	27	0.5 µg/L	6
PCB 1254	150 µg/L	27	1 µg/L	6
PCB 1260	150 µg/L	27	1 µg/L	6
PCB 1262	0.5 µg/L	9	–	–
p-Cresol (4-Methylphenol)	10 µg/L	9	10 µg/L	6
p-Dimethylaminoethylbenzene	10 µg/L	9	10 µg/L	6

– No analyses conducted as part of the Replicate Program.

Table 33. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	GE Detection Limit	GE Number of Analyses	MT Detection Limit	MT Number of Analyses
Pentachlorobenzene	10 µg/L	9	10 µg/L	6
Pentachlorodibenzo-p-dioxin isomers	0.55 ng/L	12	4.23 ng/L	10
Pentachlorodibenzo-p-furan isomers	0.55 ng/L	12	1.09 ng/L	10
Pentachloroethane	10 µg/L	9	10 µg/L	12
Pentachloronitrobenzene	10 µg/L	9	10 µg/L	6
Pentachlorophenol	10 µg/L	27	50 µg/L	17
Phenacetin	10 µg/L	9	10 µg/L	6
Phenanthrene	10 µg/L	27	10 µg/L	17
Phorate	0.5 µg/L	9	10 µg/L	6
p,p'-DDD	10 µg/L	34	0.1 µg/L	6
p,p'-DDE	10 µg/L	31	0.1 µg/L	6
p,p'-DDT	10 µg/L	31	0.1 µg/L	6
p-Phenylenediamine	10 µg/L	9	10 µg/L	6
Pronamid	10 µg/L	9	10 µg/L	6
Propionitrile	200 µg/L	9	5 µg/L	6
Pyrene	10 µg/L	27	10 µg/L	17
Pyridine	10 µg/L	9	10 µg/L	6
Safrole	10 µg/L	9	10 µg/L	6
Sulfotepp	10 µg/L	9	–	–
Styrene	1 µg/L	9	5 µg/L	6
Tetrachlorodibenzo-p-dioxin isomers	0.45 ng/L	12	1.52 ng/L	10
Tetrachlorodibenzo-p-furan isomers	0.4 ng/L	12	2.26 ng/L	10
Tetraethyl dithiopyrophosphate	–	–	10 µg/L	6
Thionazin	10 µg/L	2	10 µg/L	6
Tin	2 µg/L	24	972 µg/L	43
Total petroleum hydrocarbons	–	–	1,000 µg/L	2
Toxaphene	10 µg/L	93	1 µg/L	31
trans-1,3-Dichloropropene	1 µg/L	63	5 µg/L	36
trans-1,4-Dichloro-2-butene	30 µg/L	9	10 µg/L	6
Vinyl acetate	1 µg/L	9	5 µg/L	6
1-Naphthylamine	10 µg/L	9	10 µg/L	6
1,1-Dichloroethane	1 µg/L	63	5 µg/L	36
1,1-Dichloroethylene	1 µg/L	63	5 µg/L	36
1,1,1,2-Tetrachloroethane	1 µg/L	9	5 µg/L	6
1,1,2,2-Tetrachloroethane	1 µg/L	63	5 µg/L	36
1,2-Dibromoethane	20 µg/L	9	5 µg/L	6
1,2-Dibromo-3-chloropropane	–	–	10 µg/L	6
1,2-Dichlorobenzene	10 µg/L	9	10 µg/L	16
1,2-Dichloroethane	1 µg/L	63	5 µg/L	36
1,2-Dichloroethylene	–	–	5 µg/L	6
1,2-Diphenylhydrazine	10 µg/L	18	–	–
1,2-Dichloropropane	1 µg/L	63	5 µg/L	36
1,2,3-Trichloropropane	20 µg/L	9	5 µg/L	6

– No analyses conducted as part of the Replicate Program.

Table 33. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	GE Detection Limit	GE Number of Analyses	MT Detection Limit	MT Number of Analyses
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.65 ng/L	12	–	–
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	0.45 ng/L	12	–	–
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.45 ng/L	12	–	–
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	0.4 ng/L	12	–	–
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.55 ng/L	12	–	–
1,2,3,7,8-Pentachlorodibenzo-p-furan	0.55 ng/L	12	–	–
1,2,4-Trichlorobenzene	10 µg/L	27	10 µg/L	17
1,2,4,5-Tetrachlorobenzene	10 µg/L	9	10 µg/L	6
1,3-Dichlorobenzene	10 µg/L	9	10 µg/L	16
1,3-Dinitrobenzene	10 µg/L	9	10 µg/L	6
1,3,5-Trinitrobenzene	10 µg/L	9	10 µg/L	6
1,4-Benzoquinone	–	–	10 µg/L	6
1,4-Dichlorobenzene	10 µg/L	9	10 µg/L	16
1,4-Dioxane	10 µg/L	9	10 µg/L	6
1,4-Naphthoquinone	10 µg/L	9	10 µg/L	6
2-Acetylaminofluorene	10 µg/L	9	10 µg/L	6
2-Chloroethyl vinyl ether	10 µg/L	72	5 µg/L	30
2-Chloronaphthalene	10 µg/L	27	10 µg/L	17
2-Chlorophenol	10 µg/L	27	10 µg/L	17
2-Hexanone	1 µg/L	9	10 µg/L	6
2-Methylnaphthalene	10 µg/L	9	10 µg/L	16
2-Methyl-4,6-dinitrophenol	50 µg/L	27	50 µg/L	6
2-Naphthylamine	10 µg/L	9	10 µg/L	6
2-Nitroaniline	10 µg/L	9	50 µg/L	6
2-Nitrophenol	10 µg/L	27	10 µg/L	11
2-Picoline	10 µg/L	9	10 µg/L	6
2-sec-Butyl-4,6-dinitrophenol	50 µg/L	9	10 µg/L	6
2,3,4,6-Tetrachlorophenol	10 µg/L	9	10 µg/L	6
2,4-Dichlorophenol	10 µg/L	27	10 µg/L	17
2,4-Dimethyl phenol	10 µg/L	27	10 µg/L	17
2,4-Dinitrophenol	50 µg/L	27	50 µg/L	17
2,4-Dinitrotoluene	10 µg/L	27	10 µg/L	15
2,4,5-TP (Silvex)	0.09 µg/L	67	0.07 µg/L	31
2,4,5-Trichlorophenol	10 µg/L	9	10 µg/L	16
2,4,5-Trichlorophenoxyacetic acid	0.5 µg/L	9	0.07 µg/L	6
2,4,6-Trichlorophenol	10 µg/L	27	10 µg/L	17
2,6-Dichlorophenol	10 µg/L	9	10 µg/L	6
2,6-Dinitrotoluene	10 µg/L	27	10 µg/L	17
3-Methylcholanthrene	10 µg/L	9	10 µg/L	6
3-Nitroaniline	10 µg/L	9	50 µg/L	6
3,3'-Dichlorobenzidene	10 µg/L	27	20 µg/L	17

– No analyses conducted as part of the Replicate Program.

Table 33. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	GE Detection Limit	GE Number of Analyses	MT Detection Limit	MT Number of Analyses
3,3'-Dimethylbenzidine	10 µg/L	9	10 µg/L	6
4-Aminobiphenyl	10 µg/L	9	10 µg/L	6
4-Bromophenyl phenyl ether	10 µg/L	27	10 µg/L	17
4-Chloroaniline	10 µg/L	9	10 µg/L	16
4-Chloro-3-methylphenol	10 µg/L	27	10 µg/L	16
4-Chlorophenyl phenyl ether	10 µg/L	27	10 µg/L	17
4-Methyl-2-pentanone	–	–	10 µg/L	6
4-Nitroaniline	10 µg/L	9	50 µg/L	6
4-Nitrophenol	10 µg/L	27	10 µg/L	17
4-Nitroquinoline-1-oxide	10 µg/L	9	10 µg/L	6
4,6-Dinitro-ortho-cresol	–	–	50 µg/L	6
5-Nitro-o-toluidine	10 µg/L	9	10 µg/L	6
7,12-Dimethylbenz[*a*]anthracene	10 µg/L	9	10 µg/L	6
Antimony-125	–	–	30 pCi/L	2
Cerium-141	–	–	5.8 pCi/L	2
Cerium-144	–	–	190 pCi/L	2
Cesium-134	–	–	22 pCi/L	2
Cesium-137	–	–	3.8 pCi/L	2
Cobalt-58	–	–	3.8 pCi/L	2
Cobalt-60	–	–	5.2 pCi/L	2
Manganese-54	–	–	4.1 pCi/L	2
Niobium-95	–	–	4.4 pCi/L	2
Plutonium-238	–	–	1 pCi/L	4
Plutonium-239	–	–	1 pCi/L	4
Ruthenium-103	–	–	3.7 pCi/L	2
Ruthenium-106	–	–	36 pCi/L	2
Sodium-22	–	–	5.7 pCi/L	2
Technetium-99	–	–	7 pCi/L	2
Uranium-234	–	–	1 pCi/L	2
Uranium-235	–	–	26 pCi/L	30
Zinc-65	–	–	9.7 pCi/L	2
Zirconium-95	–	–	9.1 pCi/L	2

– No analyses conducted as part of the Replicate Program.

The MRD, devised by EPD/EMS personnel to assess the interlaboratory and intralaboratory reproducibility of identical chemical analyses, is defined 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 and y_i represent an analyte's concentrations in a water sample and in the replicate or duplicate for the i^{th} well, respectively, and n represents the number of pairs of observations. Generally, the closer the original results or their replicate and duplicate results are to each other, the lower the MRD.

There are two types of intralaboratory comparisons: in-house duplicate and blind replicate. For the in-house duplicate comparisons, the quantities x_i and y_i represent the original result 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 calculated as the average relative difference of analyses for that analyte. Each relative difference is calculated as the absolute difference between an original sample and its duplicate or blind replicate expressed as a percentage of the mean of those two samples.

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 values x_i and y_i are calculated from the known sample results and the EPD blind replicate results.

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.

Intralaboratory Comparison

The intralaboratory MRD indexes for General Engineering and metaTRACE are listed in Table 34. The number symbol (#) stands for number of analyses.

Table 34. Intralaboratory MRD Indexes for General Engineering and metaTRACE

	GE				MT			
	In-house Duplicate		EPD (Blind)		In-house Duplicate		EPD (Blind)	
Analyte	#	MRD	#	MRD	#	MRD	#	MRD
Acetone	4	0	6	0	0	-	3	38.3
Alkalinity	5	1.10	4	55.5	0	-	4	21.4
Aluminum	26	6.88	13	25.6	29	14.9	15	29.6
Antimony	15	0	9	0	26	3.81	12	0
Arsenic	40	0.385	24	2.78	30	2.02	25	1.17

- Not analyzed.

Table 34. Intralaboratory MRD Indexes for General Engineering and metaTRACE (cont.)

	GE				MT			
	In-house Duplicate		EPD (Blind)		In-house Duplicate		EPD (Blind)	
Analyte	#	MRD	#	MRD	#	MRD	#	MRD
Barium	44	4.41	29	9.27	32	4.80	29	12.8
Beryllium	15	0.147	10	0.225	16	0.463	10	2.22
Bis(2-ethylhexyl) phthalate	8	6.48	13	5.39	0	–	12	13.1
Cadmium	46	0.0656	31	0.067	34	0.362	31	0.233
Calcium	34	4.28	27	12.5	31	11.5	26	7.23
Carbon tetrachloride	44	20.3	24	13.6	0	–	25	0
Chloride	38	1.63	30	4.12	25	0.749	30	1.32
Chloroform	44	21.5	24	13.6	0	–	25	6.31
Chloromethane (Methylene chloride)	18	25.6	16	0	0	–	18	0
Chromium	46	0.436	31	1.98	34	1.67	31	0.0731
cis-1,2-Dichloroethene	8	40.9	2	0	–	–	–	–
Cobalt	15	0	11	0	25	0	11	0
Copper	27	3.31	17	10.6	30	4.75	17	27.8
Dichloromethane (Methylene chloride)	18	29.3	16	18.8	0	–	18	38.1
Di-n-butyl phthalate	6	15.8	9	10.5	0	–	8	0
Dissolved organic carbon	0	–	1	0	1	0	1	36.7
Ethylbenzene	18	21.9	16	1.79	0	–	18	2.78
Fluoride	32	1.08	29	2.71	30	2.77	29	0.218
Iron	58	11.9	35	30.7	33	11.3	35	23.8
Lead	56	16.1	32	22.4	32	4.07	32	8.62
Lithium	7	0	2	0	12	28.7	2	0
Magnesium	35	7.53	27	6.88	30	16.2	26	4.85
Manganese	55	4.05	36	13.5	34	3.13	35	11.4
Mercury	47	0	30	14.7	30	1.04	30	2.04
Methoxychlor	21	0	16	0	0	–	15	12.1
Nickel	28	3.22	18	4.33	29	7.18	18	2.46
Nitrate as nitrogen	40	1.85	31	10.4	31	1.62	30	7.68
Nitrite as nitrogen	7	0	7	0	0	–	7	0
pH	42	0.522	31	3.25	38	2.19	31	1.36
Phenols	41	0.512	33	0	12	4.29	31	6.63
Potassium	34	0.952	27	4.55	30	4.29	26	6.20
Selenium	39	0	26	0	30	0.135	26	1.23
Silica	37	4.42	27	8.19	31	22.9	26	12.6
Silver	43	0	29	0	29	0.0561	29	0
Sodium	40	5.66	27	20.7	33	39.4	29	5.75
Specific conductance	38	1.23	30	3.55	31	1.06	30	23.2
Sulfate	38	3.15	30	19.5	30	6.19	30	1.41
Sulfide	3	0	4	0	2	0	4	6.59
Tetrachloroethylene	44	10.6	24	18.4	0	–	25	0.374
Thallium	9	4.44	5	0	18	0.085	5	0

– Not analyzed.

Table 34. Intralaboratory MRD Indexes for General Engineering and metaTRACE (cont.)

Analyte	GE In-house Duplicate #	GE In-house Duplicate MRD	GE EPD (Blind) #	GE EPD (Blind) MRD	MT In-house Duplicate #	MT In-house Duplicate MRD	MT EPD (Blind) #	MT EPD (Blind) MRD
Toluene	18	27.4	16	0	0	–	18	0
Total carbon	5	0	4	20.5	1	3.93	4	22.1
Total dissolved solids	27	10.7	24	23.0	31	8.62	24	33.1
Total hydrocarbons	1	0	1	100	–	–	–	–
Total inorganic carbon	5	0	4	20.5	1	3.93	4	13.8
Total organic carbon	38	1.80	28	8.77	27	1.77	27	10.3
Total organic halogens	51	3.20	32	8.99	23	4.32	31	4.91
Total phosphates (as P)	38	0.997	26	4.57	12	13.3	24	27.3
Total silica	3	22.0	0	–	–	–	–	–
trans-1,2-Dichloroethene	18	20.1	16	0	0	–	15	0
Tributyl phosphate	3	25.5	0	–	–	–	–	–
Trichloroethylene	44	15.1	24	12.1	0	–	25	2.40
Trichlorofluoromethane	18	21.9	16	0	0	–	18	9.52
Turbidity	5	0.711	6	27.2	15	6.19	6	11.1
Uranium	18	11.1	5	13.3	15	0	5	0
Vanadium	15	0	13	0	28	0.760	13	0
Xylenes	12	33.3	9	1.55	0	–	9	9.15
Zinc	25	10.8	15	27.8	28	20.5	15	30.2
1,1,1-Trichloroethane	44	19.9	24	13.6	0	–	25	0
1,1,2-Trichloroethane	18	21.7	16	0	0	–	18	0
2,4-Dichlorophenoxyacetic acid	20	0	16	0	0	–	15	9.00
Americium-241	–	–	–	–	1	38.5	0	–
Gross alpha	43	4.26	31	5.32	20	26.4	31	19.1
Nonvolatile beta	42	9.02	30	15.3	20	12.0	30	17.3
Radium-226	–	–	–	–	1	10.9	0	–
Radium-228	–	–	–	–	1	7.41	0	–
Thorium-232	–	–	–	–	1	78.3	0	–
Total radium	43	9.60	32	21.0	11	13.8	32	9.43
Tritium	37	5.12	28	7.31	16	3.77	28	3.52
Uranium-238	–	–	–	–	2	125	0	–

– Not analyzed.

Interlaboratory Comparison

Choosing a Reference Detection Limit

For interlaboratory comparisons, a reference detection limit (RDL) must be established for calculation of the MRD. The RDL is chosen from the detection limits of the analytical data from both laboratories. Because some detection limits may be anomalously high (due to dilution or other effects, for example), the RDL for the laboratories is chosen as the value that is greater than or equal to at least 90% 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 may be above the RDL.

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 RDL are listed in Table 35.

Table 35. MRD and *t*-Test Results for Analytes With at Least One Result Above the Reference Detection Limit

Analyte	MRD	*t*-test Probability*
Acetone	26.9	.423
Alkalinity	50.0	.385
Aluminum	12.0	.339
Antimony	0	–
Arsenic	0.563	.328
Barium	19.2	.188
Beryllium	0.0445	.343
Bis(2-ethylhexyl) phthalate	7.47	.540
Cadmium	0.834	.325
Calcium	18.6	.767
Carbon tetrachloride	0	–
Chloride	16.1	.341
Chloroform	0	–
Chloromethane (Methyl chloride)	0	–
Chromium	1.71	.292
Cobalt	0	–
Copper	8.66	.312
Dichloromethane (Methylene chloride)	40.7	.0913
Di-n-butyl phthalate	5.13	.347
Dissolved organic carbon	14.0	–
Ethylbenzene	0	–
Fluoride	4.66	.326
Iron	27.4	.271
Lead	22.6	.0956
Lithium	0	–
Magnesium	13.9	.616
Manganese	21.6	.360
Mercury	10.3	.516
Methoxychlor	0	–

* 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 because there is no variability.

Table 35. MRD and *t*-Test Results for Analytes With at Least One Result Above the Reference Detection Limit (cont.)

Analyte	MRD	*t*-test Probability*
Nickel	6.45	.324
Nitrate as nitrogen	16.6	.348
Nitrite as nitrogen	19.2	.356
pH	5.18	.0001
Phenols	1.45	.325
Potassium	8.83	.587
Selenium	0.667	.327
Silica	16.3	.00342
Silver	0	–
Sodium	19.9	.268
Specific conductance	19.3	.520
Sulfate	17.4	.322
Sulfide	32.5	.287
Tetrachloroethylene	3.75	.204
Thallium	0	–
Toluene	0	–
Total carbon	29.9	.240
Total dissolved solids	48.3	.920
Total inorganic carbon	31.2	.163
Total organic carbon	17.8	.970
Total organic halogens	19.9	.154
Total phosphates (as P)	28.6	.0706
trans-1,2-Dichloroethene	0	–
Trichloroethylene	12.0	.377
Trichlorofluoromethane	0	–
Turbidity	61.6	.204
Uranium	0	–
Vanadium	0	–
Xylenes	9.27	.347
Zinc	31.5	.364
1,1,1-Trichloroethane	0	–
1,1,2-Trichloroethane	0	–
2,4-Dichlorophenoxyacetic acid	0	–
Gross alpha	22.7	.0261
Nonvolatile beta	27.7	.0467
Total radium	25.8	.0199
Tritium	25.5	.123

* 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 because there is no variability.

COMMENTS ON THE REPLICATE ANALYSES

Intralaboratory Comparison

High MRDs (greater than 20) for laboratory duplicates from General Engineering (see Table 34) were calculated for carbon tetrachloride, chloroform, chloromethane, cis-1,2-dichloroethene, dichloromethane (Methylene chloride), ethylbenzene, toluene, total silica, trans-1,2-dichloroethene, tributyl phosphate, trichlorofluoromethane, xylenes, and 1,1,2-trichloroethane. The high MRDs for carbon tetrachloride, chloroform, chloromethane, cis-1,2-dichloroethane, ethylbenzene, toluene, trans-1,2-dichloroethene, trichlorofluoromethane, xylenes, and 1,1,2-trichloroethane are caused by differences in reported detection limits between original results and their respective replicates and do not reflect analytical problems.

Table 36 lists analytes and wells from which samples and laboratory duplicates yielded results where one result was more than twice the other. Some analytes are tested more than once for reasons other than official laboratory quality assurance; these analyses are not included in the comparison between laboratory results and duplicates. If a laboratory performed more than one analysis for an analyte at a certain well, the results are averaged before they are compared to blind replicate results (which may also be averaged if the replicate was analyzed more than once).

Table 36. General Engineering Analyses and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Dichloromethane (Methylene chloride)	ABP 1A
Di-n-butyl phthalate	ABP 1A
Manganese	FCB 2
Lead	ABP 1A, FNB 2, IDB 1A
Tetrachloroethylene	MSB 15D
Toluene	RRP 1
Trichloroethylene	SBG 4

High MRDs for blind replicates from General Engineering were calculated for alkalinity, aluminum, iron, lead, sodium, total carbon, total dissolved solids, total hydrocarbons, total inorganic carbon, turbidity, zinc, and total radium.

Table 37 lists the analytes and wells from which samples and blind replicates yielded results where one result was more than twice the other.

Table 37. General Engineering Analyses and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Alkalinity	IDB 6
Aluminum	FSB 76B, IDP 5
Calcium	FSB 76B
Di-n-butyl phthalate	ABP 1A
Dichloromethane (Methylene chloride)	ABP 1A, XSB 4D

Table 37. General Engineering Analyses and Blind Replicates Yielding Results Where One Is More Than Twice Another (cont.)

Analyte	Wells
Iron	ABP 1A, BG 109, BGO 9D, KSS 1D, LFW 30, MSB 6A
Lead	ABP 1A, FAC 4, FNB 2, HSB 66, LFW 30
Manganese	ABP 1A, FCB 2, FSB 76B
Mercury	BG 109, FNB 2, YSB 1A
Nitrate as nitrogen	IDQ 3A, RDB 2D
Silica	FSB 76B
Sodium	FSB 76B, PSS 2D, XSB 4D
Sulfate	DCB 1A, HAC 4
Tetrachloroethylene	DCB 1A, XSB 4D
Total dissolved solids	BRD 4, IDB 6, TNX 9D
Total hydrocarbons	CSD 12D
Total organic halogens	BGO 9D
Total organic carbon	HSB 66
Trichloroethylene	DCB 1A, SRW 13C
Turbidity	HAC 4
Zinc	BRD 4, FNB 2
Gross alpha	LFW 19
Nonvolatile beta	LFW 19
Total radium	ABP 1A, ASB 8B, TNX 9D
Tritium	DCB 1A

High MRDs for laboratory duplicates from metaTRACE (see Table 34) were calculated for lithium, silica, sodium, zinc, americium-241, gross alpha, thorium-232, and uranium-238. The high MRDs for lithium and uranium-238 are a result of differences between detection limits.

Table 38 lists analytes and wells from which samples and laboratory duplicates yielded results where one result is more than twice the other. Wells labelled EPT are laboratory blank samples.

Table 38. metaTRACE Analyses and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Aluminum	EPT123
Fluoride	HCB 2
Iron	EPT133
Lead	HSB131C
Magnesium	EPT107
Nickel	EPT120
Silica	EPT123, EPT139
Sodium	EPT109, EPT123, EPT128, EPT130, EPT133, EPT135, EPT139, EPT146
pH	DCB 7
Sulfate	PCB 1A

Table 38. metaTRACE Analyses and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another (cont.)

Analyte	Wells
Zinc	EPT109, EPT123
Gross alpha	HSB114C
Thorium-232	NBG 2

High MRDs for blind replicates from metaTRACE were calculated for acetone, alkalinity, aluminum, copper, dichloromethane (methylene chloride), dissolved organic carbon, iron, specific conductance, total carbon, total dissolved solids, total phosphates (as P), and zinc.

Table 39 lists analytes and wells from which samples and blind replicates yielded results where one result was more than twice the other.

Table 39. metaTRACE Analyses and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Acetone	BRD 4
Aluminum	IDP 5, IDQ 3A
Barium	AMB 8D
Copper	ASB 8B, BRD 4, IDP 5
Dichloromethane (Methylene chloride)	HSB 66, HSB132C, TBG 5A, XSB 4D
Iron	CSD 12D, FNB 2, IDP 5
Manganese	IDP 5
Nitrate as nitrogen	AMB 8D
Phenols	CSD 12D
Silica	AMB 8D, BGO 9D
Specific conductance	CSD 12D, FAC 4, IDQ 3A, RDB 2D
Sulfate	PCB 1A
Total dissolved solids	BRD 4, HSB132C, KAC 1, TBG 5A
Total organic carbon	BG 109
Total organic halogens	RDB 2D
Total phosphates (as P)	ACB 4A, KAC 1, RDB 2D
Xylenes	LFW 19
Zinc	IDP 5, YSB 1A
2,4-Dichlorophenoxyacetic acid	YSB 1A
Nonvolatile beta	CBR 2D

Interlaboratory Comparison

Interlaboratory comparison results (see Table 35) yielded MRDs greater than 20 for the following analytes: acetone, alkalinity, dichloromethane (methylene chloride), iron, lead, manganese, sulfide, total carbon, total dissolved solids, total inorganic carbon, total phosphates (as P), turbidity, zinc, gross alpha, nonvolatile beta, total radium, and tritium.

Table 40 lists analytes and wells where a result from one laboratory was more than twice a result from the other laboratory.

Table 40. Analytes With One Laboratory's Result Greater Than Twice a Result From the Other Laboratory

Analyte	Wells
Acetone	BRD 4
Alkalinity	IDB 6
Aluminum	BG 109, BGO 9D, IDP 5, KSS 1D
Arsenic	TNX 9D
Barium	AMB 8D
Bis(2-ethylhexyl) phthalate	ACB 4A
Calcium	FSB 76B, PSS 2D
Chloride	MSB 6A
Chloroform	TBG 5A, XSB 4D
Copper	ABP 1A, BRD 4, FNB 2, PCB 1A
Di-n-butyl phthalate	ABP 1A
Dichloromethane (Methylene chloride)	ABP 1A, BGO 35C, BRD 4, HSB 66, HSB132C, LFW 19, LFW 30, TBG 5A, TNX 9D, XSB 4D
Fluoride	DCB 1A, FNB 2
Iron	ABP 1A, ASB 8B, BG 109, BGO 9D, BGO 35C, CBR 2D, DOB 1, FNB 2, HAC 4, IDB 6, IDP 5, KSS 1D, LFW 19, LFW 30, MSB 6A, RDB 2D
Lead	ABP 1A, AMB 8D, BGO 35C, BRD 4, DCB 1A, FAC 4, FNB 2, FSB 76B, FSB 79B, HSB 66, LFW 19, LFW 30, YSB 1A
Manganese	ABP 1A, AMB 8D, FSB 76B, IDP 5
Mercury	BG 109, FNB 2
Nitrate (as N)	ABP 1A, AMB 8D, FAC 4
Nitrite (as N)	KSS 1D
Phenols	CSD 12D
Potassium	FSB 76B
Selenium	DCB 1A
Silica	BGO 9D, FSB 76B
Sodium	FSB 76B, PSS 2D, XSB 4D
Specific conductance	ABP 1A, CSB 12D, IDQ 3A, RDB 2D
Sulfate	DCB 1A, HAC 4, LFW 19, PCB 1A
Sulfide	MSB 6A
Tetrachloroethylene	XSB 4D
Total carbon	BG 109
Total dissolved solids	BRD 4, CBR 2D, CSD 12D, HAC 4, HSB 66, HSB132C, IDB 6, KAC 1, PSS 2D, RDB 2D, TBG 5A, TNX 9D
Total inorganic carbon	BG 109
Total organic halogens	ACB 4A, BGO 9D, KAC 1
Total organic carbon	BG 109, FSB 79B, HAC 4, HSB 66, KAC 1
Total phosphates	ACB 4A, HSB 66, IDQ 3A, RDB 2D, TBG 5A, YSB 1A
Trichloroethylene	DCB 1A, DOB 1, FNB 2, MSB 44A, SRW 13C
Turbidity	BGO 9D, BGO 35C, KAC 1
Xylenes	LFW 19
Zinc	ABP 1A, ASB 8B, BRD 4, FNB 2, HSB132C, IDB 6, IDP 5, YSB 1A
Gross alpha	FAC 4
Nonvolatile beta	ACB 4A, CBR 2D, FAC 4

Table 40. Analytes With One Laboratory's Result Greater Than Twice a Result From the Other Laboratory (cont.)

Analyte	Wells
Total radium	ABP 1A, ASB 8B, DCB 1A, HAC 4, KAC 1, LFW 19
Tritium	DCB 1A

Analytes with significance of probability values of less than .05 (see Table 35) have a 95% chance that one laboratory's results are significantly higher than those from the other laboratory. Silica, gross alpha, and nonvolatile beta results are significantly higher for metaTRACE than for General Engineering. Results from pH and total radium analyses are significantly higher for General Engineering than for metaTRACE.

QUALITY CONTROL STANDARDS

During the third quarter of 1990, EPD/EMS conducted quality assessments of the two primary laboratories used for sample analysis: metaTRACE (MT) and General Engineering (GE). The laboratories were sent three sets of certified environmental quality control standards (Batch Numbers 2527, 2604, and 407). The following analyses are listed: routine analyses in Table 41, Appendix IX analyses in Table 42, and priority pollutants analyses in Table 43. All three sets of standards were purchased from Environmental Resource Associates (ERA) of Arvada, CO.

Because the laboratories submitted two results for some analytes, the first result obtained was the one recorded for each analyte. The standards analyzed 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.

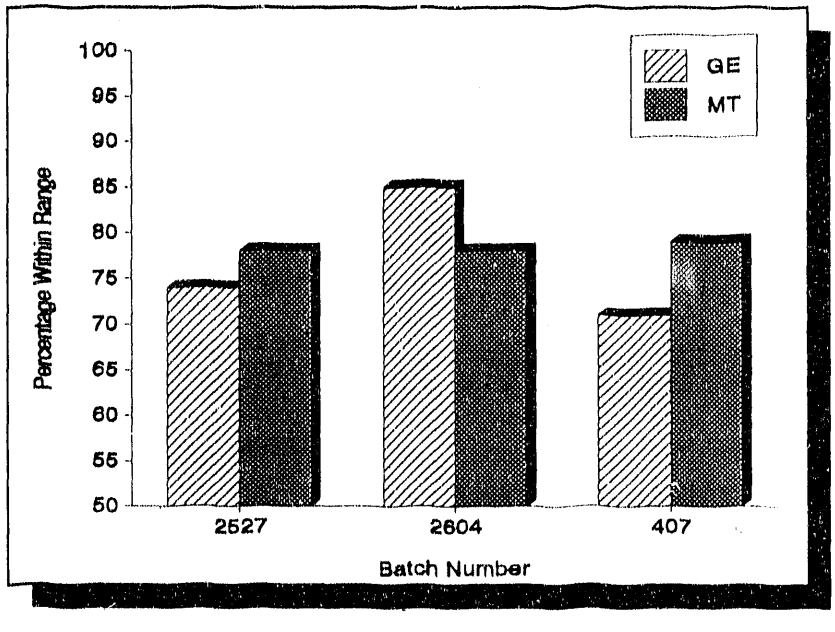


Figure 4. Percentage of Results Within the Advisory Range of Certified Values From the Two Primary Laboratories

QUALITY CONTROL SAMPLES

Table 41. Quality Control Standards for Routine Analyses, Batch No. 2527

Analyte	Certified Value	Advisory Range	GE	MT
Chlorine (mg/L)	2.1	1.89–2.31	<1.0*	1.84*
Turbidity (NTU)	4.0	3.6–4.4	3.99	3.5*
Inorganics				
Alkalinity (as $CaCO_3$) (mg/L)	53	49–57	63.3*	29.2*
Fluoride (mg/L)	6.3	5.2–7.4	6.48	4.23*
Nitrate as nitrogen (mg/L)	8.8	7.7–9.9	16.4*	8.98
pH	8.8	8.6–9.0	9.08*	9.16*
Potassium (mg/L)	37	30–44	36.3	37.8
Sodium (mg/L)	66	53–79	66	63.6
Sulfate (mg/L)	88	78–98	171*	86.8
Metals				
Antimony (μg/L)	142	116–168	126	130
Arsenic (μg/L)	111	91–131	95.6	81.7*
Barium (μg/L)	269	220–317	249	242
Beryllium (μg/L)	51	41–60	41.2	48.4
Cadmium (μg/L)	187	153–221	161	171
Calcium (mg/L)	21	17–25	18.4	18.2
Chromium (μg/L)	209	171–247	168*	179
Copper (μg/L)	130	107–153	103*	116
Iron (μg/L)	286	234–337	240	258
Lead (μg/L)	149	122–176	135	161
Manganese (μg/L)	205	168–242	164*	180
Mercury (μg/L)	6.2	5.1–7.3	3.1*	2.44*
Nickel (μg/L)	228	187–269	181*	204
Selenium (μg/L)	31	25–36	34.2	30.1
Silver (μg/L)	77	63–91	65.8	61.5*
Thallium (μg/L)	59	48–70	34.9*	49.4
Total hardness (mg/L)	52	42–61	<1.0*	50
Herbicides/Pesticides				
Endrin (μg/L)	0.31	0.093–0.46	0.324	0.279
gamma-Benzene hexachloride (Lindane) (μg/L)	0.09	0.026–0.12	0.115	0.086
Methoxychlor (μg/L)	2.15	0.65–3.4	2.68	2.74
Toxaphene (μg/L)	5.22	2.1–6.6	3.68	5.2
2,4-Dichlorophenoxyacetic acid (μg/L)	3.1	0.93–4.0	3.69	0.73*
2,4,5-TP (Silvex) (μg/L)	0.92	0.27–1.2	0.807	0.44

* Results out of range.

Table 41. Quality Control Standards for Routine Analyses, Batch No. 2527 (cont.)

Analyte	Certified Value	Advisory Range	GE	MT
Halomethanes				
Bromodichloromethane (µg/L)	34	12–53	28.3	35
Bromoform (µg/L)	13.1	6–22	11.6	13
Chloroform (µg/L)	82.9	57–100	90	86
Dibromochloromethane (µg/L)	21.3	11–32	17.3	22
Volatiles				
Benzene (µg/L)	17.9	6–21	21	19
Carbon tetrachloride (µg/L)	16.7	11–23	17	18
1,1,1-Trichloroethane (µg/L)	5.6	3–9	5.0	6.0
1,4-Dichlorobenzene (µg/L)	9.0	3-17	8.0	9.0
Unregulated Volatiles				
Bromochloromethene (µg/L)	33	20–39	28	13.8*
cis–1,2–Dichloroethene (µg/L	38	20–59	33	35.1
Dichloromethane (Methylene chloride) (µg/L)	27.9	9–57	25	27.5
p-Chlorotoluene (µg/L)	21	13–26	23	–
p-Xylene (µg/L)	37.6	17–50	43	–
1,1,1,2–Tetrachloroethane (µg/L)	9.5	4–15	6.0	8.0
1,2-Dibromoethane (µg/L)	30.5	16–40	23	27

Table 42. Quality Control Standards for Appendix IX Analyses, Batch No. 2604

Analyte	Certified Value	Advisory Range	GE	MT
Volatiles				
Acetone (µg/L)	27.9	7.5–47	19.8	19
Carbon tetrachloride (µg/L)	8.44	5.9–11	9.23	8.0
Ethyl acetate (µg/L)	46.6	7.1–83	42.5	<10
Ethylbenzene (µg/L)	7.59	2.8–10	7.10	6.0
1,1,1-Trichloroethane (µg/L)	24.1	12–39	25.3	23
1,2-Dibromoethane (µg/L)	17.1	7.7–27	12.7	17
1,4-Dioxane (µg/L)	37.7	5.7–68	<10	<10

* Results out of range.
– Results not received.

Table 42. Quality Control Standards for Appendix IX Analyses, Batch No. 2604 (cont.)

Analyte	Certified Value	Advisory Range	GE	MT
Base/Neutrals				
Acetophenone (μg/L)	148	44–240	125	<10*
Acenaphthylene (μg/L)	28.6	9.4–41	26	22
Benzyl alcohol (μg/L)	182	27–320	103	110
Dibenzofuran (μg/L)	30.1	9.1–48	27	23
Hexachlorophene (μg/L)	87.6	26–140	35	<100
Nitrobenzene (μg/L)	32.2	11–58	28	23
1,3,5-Trinitrobenzene (μg/L)	38.7	5.8–70	11	<50
2-Methylnaphthalene (μg/L)	51.1	22–74	40	49
4-Nitroaniline (μg/L)	60.4	18–97	106*	54
Acids				
m-Cresol (3-Methylphenol) (μg/L)	62.1	18–81	99*	<10*
2,4,5-Trichlorophenol (μg/L)	151	45–240	131	100
2,6-Dichlorophenol (μg/L)	69.3	21–110	66	<10*
4-Chloro-3-methylphenol (μg/L)	109	41–160	105	<10*
Pesticides				
Dieldrin (μg/L)	0.503	0.21–0.92	0.428	0.63
Endrin (μg/L)	1.97	0.59–2.9	2.59	1.94
Isodrin (μg/L)	0.543	0.13–0.98	<10	1.16*
Kepone (μg/L)	1.67	0.25–3.1	<10	1.83
Parathion (μg/L)	2.77	0.74–4.9	3.26	4.56
PCBs				
Aroclor 1016 (μg/L)	2.03	1.1–2.3	2.71*	2.32*
Aroclor 1260 (μg/L)	1.21	0.39–1.5	1.61*	1.3

Table 43. Quality Control Standards for Priority Pollutants Analyses, Batch No. 407

Analyte	Certified Value	Advisory Range	GE	MT
Trace Metals				
Aluminum (μg/L)	469	384–553	458	460
Antimony (μg/L)	84	63–99	78.6	84.6
Arsenic (μg/L)	75	56–88	71.5	58.6

* Results out of range.

Table 43. Quality Control Standards for Priority Pollutants Analyses, Batch No. 407 (cont.)

Analyte	Certified Value	Advisory Range	GE	MT
Trace Metals (cont.)				
Barium (μg/L)	537	440–634	504	509
Beryllium (μg/L)	71	58–84	62	74.4
Boron (μg/L)	189	155–223	180	246*
Cadmium (μg/L)	85	70–100	73.7	84.7
Chromium (μg/L)	219	180–258	205	224
Cobalt (μg/L)	97	80–114	84.6	95.6
Copper (μg/L)	438	359–517	338*	395
Iron (μg/L)	468	383–552	448	470
Lead (μg/L)	192	157–226	188	180
Manganese (μg/L)	375	308–442	350	367
Mercury (μg/L)	8.5	6.4–11	5.9*	8.76
Molybdenum (μg/L)	180	147–212	149	177
Nickel (μg/L)	760	623–897	620*	709
Selenium (μg/L)	79	59–93	75.6	55.1*
Silver (μg/L)	25	15–35	12.8*	17
Thallium (μg/L)	51	38–60	17*	26.9*
Titanium (μg/L)	222	182–261	193	246
Vanadium (μg/L)	100	82–118	89.1	98.4
Zinc (μg/L)	311	255–367	245*	308
Cations				
Calcium (mg/L)	37	30–44	28.8*	28.2*
Magnesium (mg/L)	52	42–61	43	43
Potassium (mg/L)	60	49–71	55.2	52
Sodium (mg/L)	39	32–46	33.1	33
Cyanide and Phenols				
Cyanide (mg/L)	0.065	0.052–0.078	0.064	0.086*
Phenols (mg/L)	0.046	0.032–0.06	0.073*	0.075*

* Results out of range.

QUALITY CONTROL SAMPLES

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 third quarter. Trip blanks (BLANK) are defined as samples 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 this quarter, are samples of deionized water that have been pumped through or have filled sampling devices and are sent to the General Engineering and metaTRACE 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.

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/80 — Time: 10:40
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm — Water temperature: 31.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 13-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<1.7	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.8	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.92	ng/L	MT
0	pH	6.0	pH	GE
0	pH	5.4	pH	MT
0	Specific conductance	2.0	µS/cm	GE
0	Specific conductance	1.3	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<3.0	ng/L	MT
0	Turbidity	0.10	NTU	GE
0	Turbidity	0.17	NTU	MT
0	Turbidity	0.19	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	MT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
0	Acetone	<10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	MT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	MT
0	Acrolein	<20	µg/L	GE
0	Acrolein	<100	µg/L	MT
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<5.0	µg/L	MT
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.050	µg/L	MT
0	Alkalinity	<1,000	µg/L	GE
1	Alkalinity	3,500	µg/L	MT
1	Alkalinity	4,300	µg/L	MT
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<100	µg/L	MT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE

WELL BLANK collected on 07/05/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	<10	µg/L	GE
0	Calcium	21	µg/L	MT
0	Calcium	28	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<1.0	µg/L	MT
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	MT
0	Dibenz(a,h)anthracene	<10	µg/L	GE
0	Dibenz(a,h)anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	MT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	MT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	MT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	MT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.10	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<5.0	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	MT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.050	µg/L	MT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Hexachlorophene	<100	µg/L	GE
0	Hexachlorophene	<10	µg/L	MT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
0	Iodine	<100	µg/L	MT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<5.0	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	MT
0	Isophorone	<10	µg/L	GE

WELL BLANK collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Isophorone	<10	µg/L	MT
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	MT
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<3.8	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	MT
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	3.3	µg/L	MT
0	Magnesium	2.0	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<5.0	µg/L	MT
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.050	µg/L	MT
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	MT
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<5.0	µg/L	MT
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	MT
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	MT
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	MT
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	MT
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	MT
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	MT
1	Oil & grease	4,000	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	MT
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	MT
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	MT
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	MT
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	MT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion	<10	µg/L	MT
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<10	µg/L	MT
0	PCB 1016	<0.50	µg/L	GE

WELL BLANK collected on 07/05/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	PCB 1016	<0.50	µg/L	MT
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	MT
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	MT
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	MT
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	MT
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<1.0	µg/L	MT
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<1.0	µg/L	MT
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	MT
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloroethane	<5.0	µg/L	MT
0	Pentachloroethane	<10	µg/L	MT
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	MT
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	MT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phenols	<10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phorate	<0.50	µg/L	GE
0	Phorate	<10	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<416	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Pronamid	<10	µg/L	GE
0	Pronamid	<10	µg/L	MT
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<5.0	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	MT
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<100	µg/L	GE
0	Silica	218	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<0.80	µg/L	MT
0	Silver	<0.80	µg/L	MT
0	Sodium	45	µg/L	MT
0	Sodium	<29	µg/L	MT
0	Styrene	<1.0	µg/L	GE
0	Styrene	<5.0	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	2,940	µg/L	MT
0	Sulfide	2,980	µg/L	MT
0	Sulfotepp	<10	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thionazin	<10	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<972	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total carbon	<1,000	µg/L	GE
0	Total carbon	<1,000	µg/L	MT
0	Total carbon	<1,000	µg/L	MT
0	Total dissolved solids	<1,000	µg/L	GE
0	Total dissolved solids	18,000	µg/L	MT
0	Total dissolved solids	16,000	µg/L	MT
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	MT
0	Total inorganic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE

WELL BLANK collected on 07/05/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total silica	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<1.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<10	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<10	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Uranium	17,000	µg/L	GE
0	Uranium	<72	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<2.0	µg/L	GE
0	Zinc	<4.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dibromo-3-chloropropane	<10	µg/L	MT
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethylene	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	MT
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	MT
0	1,4-Benzoquinone	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	MT
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	MT
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Hexanone	<1.0	µg/L	GE
0	2-Hexanone	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	MT
0	3-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 50	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	MT
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Methyl-2-pentanone	< 10	µg/L	MT
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 50	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	MT
0	4,6-Dinitro-ortho-cresol	< 50	µg/L	MT
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	MT
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 6.0	pCi/L	MT
0	Total radium	2.1 ± 3.4	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 8:05
Depth to water: Not available — pH: 6.7
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 13-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.66	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	MT

WELL BLANK collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.89	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 1.8	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.87	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 1.1	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 2.6	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 0.66	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.66	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.89	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.73	ng/L	MT
0	pH	4.9	pH	GE
0	pH	5.6	pH	MT
0	pH	5.6	pH	MT
0	Specific conductance	2.0	µS/cm	GE
0	Specific conductance	1.3	µS/cm	MT
0	Specific conductance	1.3	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 2.3	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 3.3	ng/L	MT
0	Turbidity	0.20	NTU	GE
0	Turbidity	0.17	NTU	MT
0	Turbidity	0.18	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.66	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.66	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.66	ng/L	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Alkalinity	< 1,000	µg/L	GE
1	Alkalinity	3,890	µg/L	MT
1	Alkalinity	4,320	µg/L	MT
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Aluminum	< 44	µg/L	MT
0	Aluminum	< 44	µg/L	MT
0	Anthracene	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Antimony	< 2.0	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Barium	< 1.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzidine	< 50	µg/L	GE
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	GE
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	Beryllium	< 1.0	µg/L	MT
0	Beryllium	< 1.0	µg/l	MT
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 10	µg/L	GE
0	Bis(chloromethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE

WELL BLANK collected on 07/13/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bis(2-chloroethoxyl methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromide	< 1,000	µg/L	GE
0	Bromide	< 250	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	< 10	µg/L	GE
0	Calcium	31	µg/L	MT
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 13	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Copper	< 14	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz(a,h)anthracene	< 10	µg/L	GE
0	Dibenz(a,h)anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
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	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
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	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE

WELL BLANK collected on 07/13/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
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	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	GE
0	Iodine	< 100	µg/L	MT
0	Iodine	< 100	µg/L	MT
0	Iron	4.7	µg/L	GE
0	Iron	< 21	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Lead	14	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 5.0	µg/L	GE
1	Lithium	5.3	µg/L	MT
0	Lithium	< 3.8	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Magnesium	5.6	µg/L	MT
0	Magnesium	7.8	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	MT
0	Manganese	< 2.0	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 3.4	µg/L	MT
0	Nickel	< 3.4	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
1	Oil & grease	3,000	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDD	< 0.10	µg/L	MT
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	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<418	µg/L	MT
0	Potassium	<418	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<100	µg/L	GE
0	Silica	244	µg/L	MT
0	Silica	316	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	520	µg/L	GE
0	Sodium	91	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<972	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total carbon	<1,000	µg/L	GE
0	Total carbon	<1,000	µg/L	MT
0	Total dissolved solids	8,000	µg/L	GE
0	Total dissolved solids	8,000	µg/L	MT
0	Total dissolved solids	5,000	µg/L	MT
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
1	Total silica	131	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<72	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<2.0	µg/L	GE
0	Zinc	11	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT

WELL BLANK collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
1	Americium-241	0.41 ± 0.28	pCi/L	TE
0	Americium-241	<0.20	pCi/L	TE
1	Americium-243	0.21 ± 0.18	pCi/L	TE
0	Americium-243	<0.10	pCi/L	TE
0	Barium-140	<40	pCi/L	TE
0	Barium-140	<40	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
1	Carbon-14	16 ± 7.0	pCi/L	TE
1	Carbon-14	17 ± 7.0	pCi/L	TE
0	Cerium-141	<10	pCi/L	TE
0	Cerium-141	<10	pCi/L	TE
0	Cerium-144	<30	pCi/L	TE
0	Cerium-144	<20	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-58	<6.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
0	Curium-246	<0.070	pCi/L	TE
0	Curium-246	<0.10	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<1.0	pCi/L	TE
0	Gross alpha	<1.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<90	pCi/L	TE
0	Iodine-131	<100	pCi/L	TE
0	Iron-55	<40	pCi/L	TE
0	Iron-55	<40	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<8.0	pCi/L	TE
0	Neptunium-237	<8.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nickel-63	<9.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<3.0	pCi/L	TE

WELL BLANK collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	< 3.0	pCi/L	TE
0	Plutonium-238	< 0.30	pCi/L	TE
0	Plutonium-238	< 0.30	pCi/L	TE
0	Plutonium-239/240	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.20	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Plutonium-242	< 0.080	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
1	Potassium-40	87 ± 40	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-226	< 70	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-228	< 0.80	pCi/L	TE
0	Radium-228	< 2.0	pCi/L	TE
0	Ruthenium-103	< 6.0	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-90	< 0.90	pCi/L	TE
0	Strontium-90	< 2.0	pCi/L	TE
0	Technetium-99	< 5.0	pCi/L	TE
0	Technetium-99	< 10	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
0	Thorium-228	< 0.70	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
0	Thorium-228	< 0.080	pCi/L	TE
0	Thorium-230	< 0.20	pCi/L	TE
0	Thorium-230	< 0.040	pCi/L	TE
0	Thorium-232	< 0.20	pCi/L	TE
1	Thorium-232	0.18 ± 0.12	pCi/L	TE
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 2.0	pCi/mL	TE
0	Tritium	< 2.0	pCi/mL	TE
0	Uranium-234	< 0.060	pCi/L	TE
1	Uranium-234	0.18 ± 0.12	pCi/L	TE
0	Uranium-236	< 0.040	pCi/L	TE
0	Uranium-236	< 0.040	pCi/L	TE
0	Uranium-238	< 0.030	pCi/L	TE
1	Uranium-238	0.17 ± 0.12	pCi/L	TE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 6.0	pCi/L	TE
0	Zirconium-95	< 7.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90
Time: 8:05
Depth to water: Not available
pH: 6.1
Water elevation: Not available
Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm
Water temperature: 23.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 0.81	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.73	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.39	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.81	ng/L	MT
1	Octachlorodibenzo-p-dioxin isomers	2.6	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 0.83	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 0.94	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.40	ng/L	MT
0	pH	6.0	pH	MT
0	pH	6.0	pH	MT
0	Specific conductance	2.2	µS/cm	MT
0	Specific conductance	2.3	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 1.7	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.74	ng/L	MT
0	Turbidity	0.20	NTU	MT
0	Turbidity	0.22	NTU	MT
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
1	Alkalinity	7,780	µg/L	MT
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	Aluminum	< 44	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT

WELL BLANK collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	< 1.0	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Beryllium	< 1.0	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	44	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0060	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 3.8	µg/L	MT
0	Magnesium	7.2	µg/L	MT
0	Manganese	< 2.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 3.4	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrite as nitrogen	< 80	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	p,p'-DDD	< 0.10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 416	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	< 205	µg/L	MT
0	Silver	< 0.60	µg/L	MT
0	Sodium	164	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 972	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toluene	< 5.0	µg/L	MT
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	30,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
1	Trichlorofluoromethane	J 1.0	µg/L	MT
0	Uranium	< 72	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 4.0	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.48	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 7:9
Depth to water: Not available — pH: 6.8
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 0 µS/cm — Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	< 0.46	ng/L	QE
0	Carbon 13-labeled TCDF	< 0.40	ng/L	QE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.86	ng/L	QE
0	Heptachlorodibenzo-p-furan isomers	< 0.48	ng/L	QE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.46	ng/L	QE
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	QE
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	QE
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	QE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.66	ng/L	QE
0	Pentachlorodibenzo-p-furan isomers	< 0.66	ng/L	QE
0	pH	5.2	pH	QE
0	Specific conductance	2.0	µS/cm	QE
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	QE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.46	ng/L	QE
0	Turbidity	0.10	NTU	QE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.86	ng/L	QE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.48	ng/L	QE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.46	ng/L	QE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	QE
0	1,2,3,7,8 Pentachlorodibenzo-p-dioxin	< 0.66	ng/L	QE
0	1,2,3,7,8 Pentachlorodibenzo-p-furan	< 0.66	ng/L	QE
0	Acenaphthene	< 10	µg/L	QE

WELL BLANK collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Acenaphthylene	< 10	µg/L	QE
0	Acetone	< 10	µg/L	QE
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	QE
0	Acetophenone	< 10	µg/L	QE
0	Aldrin	< 0.60	µg/L	QE
0	Aldrin	< 10	µg/L	QE
1	Alkalinity	1,600	µg/L	QE
0	alpha-Benzene hexachloride	< 0.60	µg/L	QE
0	alpha-Benzene hexachloride	< 10	µg/L	QE
0	alpha-Endosulfan	< 10	µg/L	QE
0	Aluminum	20	µg/L	QE
0	Anthracene	< 10	µg/L	QE
0	Antimony	< 3.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	< 3.0	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Benzidine	< 50	µg/L	QE
0	Benzo[a]anthracene	< 10	µg/L	QE
0	Benzo[a]pyrene	< 10	µg/L	QE
0	Benzo[b]fluoranthene	< 10	µg/L	QE
0	Benzo[g,h,i]perylene	< 10	µg/L	QE
0	Benzo[k]fluoranthene	< 10	µg/L	QE
0	Benzoic acid	< 50	µg/L	QE
0	Beryllium	< 3.0	µg/L	QE
0	beta-Benzene hexachloride	< 0.60	µg/L	QE
0	beta-Benzene hexachloride	< 10	µg/L	QE
0	beta-Endosulfan	< 10	µg/L	QE
0	Bis(chloromethyl)ether	< 10	µg/L	QE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	QE
0	Bis(2-chloroethyl) ether	< 10	µg/L	QE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	QE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	QE
0	Bromide	< 1,000	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Butylbenzyl phthalate	< 10	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	11	µg/L	QE
0	Carbon disulfide	< 1.0	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chlordane	< 0.60	µg/L	QE
0	Chlordane	< 10	µg/L	QE
0	Chloride	< 250	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Chrysene	< 10	µg/L	QE
0	cis-1,2-Dichloroethene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	< 4.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	delta-Benzene hexachloride	< 0.60	µg/L	QE
0	delta-Benzene hexachloride	< 10	µg/L	QE
0	Di-n-butyl phthalate	< 10	µg/L	QE
0	Di-n-octyl phthalate	< 10	µg/L	QE
0	Dibenz[a,h]anthracene	< 10	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	Dieldrin	< 0.60	µg/L	QE
0	Dieldrin	< 10	µg/L	QE
0	Diethyl phthalate	< 10	µg/L	QE
0	Dimethyl phthalate	< 10	µg/L	QE
0	Dissolved organic carbon	< 1,000	µg/L	QE
0	Endosulfan I	< 0.60	µg/L	QE
0	Endosulfan II	< 0.60	µg/L	QE
0	Endosulfan sulfate	< 0.60	µg/L	QE
0	Endosulfan sulfate	< 10	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Endrin	< 10	µg/L	QE
0	Endrin aldehyde	< 0.60	µg/L	QE
0	Endrin aldehyde	< 10	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoranthene	< 10	µg/L	QE
0	Fluorene	< 10	µg/L	QE
0	Fluoride	< 100	µg/L	QE
0	gamma-Benzene hexachloride (Lindane)	< 0.0060	µg/L	QE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	QE
0	Heptachlor	< 0.60	µg/L	QE
0	Heptachlor	< 10	µg/L	QE
0	Heptachlor epoxide	< 0.60	µg/L	QE
0	Heptachlor epoxide	< 10	µg/L	QE
0	Hexachlorobenzene	< 10	µg/L	QE
0	Hexachlorobutadiene	< 10	µg/L	QE
0	Hexachlorocyclopentadiene	< 10	µg/L	QE

WELL BLANK collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	26	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	18	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	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	< 10.0	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
1	Oil & grease	2,000	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	para-Chloro-meta-cresol	< 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	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	172	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	200	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	< 1,000	µg/L	GE
0	Total hydrocarbons	< 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 halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
1	Total silica	214	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Tributyl phosphate	< 10	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Nitrophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE

WELL BLANK collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 0.70	pCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 — Time: 8:55
Depth to water: Not available — pH: 6.4
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 25.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 0.65	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.42	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.62	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.44	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.6	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 0.75	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 2.4	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.65	ng/L	MT
0	pH	6.4	pH	MT
0	pH	6.5	pH	MT
0	Specific conductance	1.8	µS/cm	MT
0	Specific conductance	1.8	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 1.4	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 1.3	ng/L	MT
0	Turbidity	1.3	NTU	MT
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
1	Alkalinity	4,750	µg/L	MT
1	Alkalinity	4,760	µg/L	MT
0	Aluminum	12	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	9.1	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
1	Dissolved organic carbon	1,010	µg/L	MT
1	Dissolved organic carbon	1,010	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	MT
0	Iodine	< 100	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	*Isophorone*	< 10	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	3.1	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	180	µg/L	MT
0	Nitrate as nitrogen	180	µg/L	MT
0	Nitrite as nitrogen	1,900	µg/L	MT
0	Nitrite as nitrogen	1,900	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	*Silica*	81	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
1	Total carbon	1,310	µg/L	MT
1	Total carbon	1,310	µg/L	MT
0	Total dissolved solids	9,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	1,310	µg/L	MT
0	Total organic carbon	1,270	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	*Trichlorofluoromethane*	< 5.0	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	1.4	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-*Dichlorophenoxyacetic acid*	< 0.46	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT

WELL BLANK collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Americium-241	< 0.40	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Antimony-125	< 0.054	pCi/mL	EM
0	Antimony-125	< 0.049	pCi/mL	EM
0	Barium-140	< 10	pCi/L	TE
0	Beryllium-7	< 20	pCi/L	TE
1	Carbon-14	11 ± 7.0	pCi/L	TE
0	Cerium-141	< 4.0	pCi/L	TE
0	Cerium-144	< 8.0	pCi/L	TE
0	Cerium-144	< 0.13	pCi/mL	EM
0	Cerium-144	< 0.13	pCi/mL	EM
0	Cesium-134	< 2.0	pCi/L	TE
0	Cesium-134	< 0.018	pCi/mL	EM
0	Cesium-134	< 0.020	pCi/mL	EM
0	Cesium-137	< 1.0	pCi/L	TE
0	Cesium-137	< 0.020	pCi/mL	EM
0	Cesium-137	< 0.021	pCi/mL	EM
0	Chromium-51	< 0.17	pCi/mL	EM
0	Chromium-51	< 0.17	pCi/mL	EM
0	Cobalt-58	< 2.0	pCi/L	TE
0	Cobalt-60	< 2.0	pCi/L	TE
0	Cobalt-60	< 0.020	pCi/mL	EM
0	Cobalt-60	< 0.023	pCi/mL	EM
0	Curium-242	< 0.30	pCi/L	TE
1	Curium-243/244	0.86 ± 0.82	pCi/L	TE
0	Curium-246	< 0.30	pCi/L	TE
0	Gross alpha	< 3.0	pCi/L	MT
0	Gross alpha	< 0.60	pCi/L	TE
0	Gross alpha	0.10 ± 0.26	pCi/L	EM
0	Gross alpha	0.20 ± 0.32	pCi/L	EM
0	Iodine-129	< 2.0	pCi/L	TE
0	Iodine-131	< 30	pCi/L	TE
0	Iodine-131	< 0.029	pCi/mL	EM
0	Iodine-131	< 0.028	pCi/mL	EM
0	Iron-55	< 30	pCi/L	TE
0	Iron-59	< 5.0	pCi/L	TE
0	Manganese-54	< 2.0	pCi/L	TE
0	Neptunium-237	< 3.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 8.0	pCi/L	TE
0	Niobium-95	< 0.019	pCi/mL	EM
0	Niobium-95	< 0.021	pCi/mL	EM
2	Nonvolatile beta	51 ± 6.0	pCi/L	MT
0	Nonvolatile beta	< 1.0	pCi/L	TE
0	Nonvolatile beta	0.017 ± 0.67	pCi/L	EM
0	Nonvolatile beta	0.46 ± 0.76	pCi/L	EM
0	Plutonium-238	< 0.40	pCi/L	TE
0	Plutonium-239/240	< 0.20	nCi/L	TE
0	Plutonium-242	< 0.40	pCi/L	TE
0	Potassium-40	< 20	pCi/L	TE
0	Radium-226	< 30	pCi/L	TE
0	Radium-226	< 0.40	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Ruthenium-103	< 2.0	pCi/L	TE
0	Ruthenium-103	< 0.020	pCi/mL	EM
0	Ruthenium-103	< 0.020	pCi/mL	EM
0	Ruthenium-106	< 10	pCi/L	TE
0	Ruthenium-106	< 0.17	pCi/mL	EM
0	Ruthenium-106	< 0.16	pCi/mL	EM
0	Strontium-89	< 8.0	pCi/L	TE
0	Strontium-89/90	0.26 ± 0.78	pCi/L	EM
0	Strontium-89/90	0.46 ± 1.8	pCi/L	EM
0	Strontium-90	< 1.0	pCi/L	TE
0	Technetium-99	< 5.0	pCi/L	TE
0	Thorium-228	< 3.0	pCi/L	TE
0	Thorium-228	< 1.0	pCi/L	TE
1	Thorium-230	2.1 ± 1.1	pCi/L	TE
0	Thorium-232	< 0.30	pCi/L	TE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 1.0	pCi/mL	TE
1	Uranium-234	0.48 ± 0.22	pCi/L	TE
0	Uranium-235	< 0.030	pCi/L	TE
0	Uranium-238	< 0.030	pCi/L	TE
0	Zinc-65	< 3.0	pCi/L	TE
0	Zirconium-95	< 2.0	pCi/L	TE
0	Zirconium-95	< 0.032	pCi/mL	EM

WELL BLANK collected on 07/27/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zirconium-95	<0.031	pCi/mL	EM

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/80 Time: 9:20
Depth to water: Not available pH: 5.3
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 30.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 13-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.36	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.81	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.65	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.36	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.46	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.65	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.47	ng/L	MT
0	pH	5.1	pH	GE
0	pH	5.3	pH	MT
0	pH	5.3	pH	MT
0	Specific conductance	2.0	µS/cm	GE
0	Specific conductance	2.3	µS/cm	MT
0	Specific conductance	2.3	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.95	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	Turbidity	0.30	NTU	GE
0	Turbidity	0.30	NTU	MT
0	Turbidity	0.31	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.65	ng/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<10	µg/L	GE
1	Alkalinity	1,000	µg/L	GE
1	Alkalinity	4,320	µg/L	MT
1	Alkalinity	4,320	µg/L	MT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	11	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	MT
0	Benzo(a)pyrene	<10	µg/L	GE

WELL BLANK collected on 08/01/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzo(a)pyrene	<10	µg/L	MT
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	MT
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	GE
0	Benzoic acid	<5[illegible]	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<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	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	<10	µg/L	GE
0	Calcium	8.8	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	B 6.0	µg/L	MT
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	MT
0	Dimethyl phthalate	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dimethyl phthalate	< 10	µg/L	MT
1	Dissolved organic carbon	1,000	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
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	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
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	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	GE
0	Iodine	< 100	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Iron	< 5.0	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 20	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Magnesium	2.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
0	Oil & grease	< 1,000	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDD	< 0.10	µg/L	MT
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	para-Chloro-meta-cresol	< 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

WELL BLANK collected on 08/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	290	µg/L	GE
0	Silica	92	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	MT
0	Sodium	69	µg/L	GE
0	Sodium	< 10	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 100	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
1	Total carbon	1,000	µg/L	GE
0	Total carbon	< 1,000	µg/L	MT
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	5,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	MT
0	Total dissolved solids	24,000	µg/L	MT
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	26	µg/L	MT
1	Total silica	440	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Tributyl phosphate	< 10	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 2.0	µg/L	GE
0	Zinc	< 1.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE

WELL BLANK collected on 08/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
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	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.2 ± 2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 Time: 8:45
Depth to water: Not available pH: 6.3
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 0 µS/cm Water temperature: 22.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<1.5	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<1.7	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<1.8	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.88	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<3.7	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<6.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.9	ng/L	MT
0	pH	6.8	pH	GE
1	pH	7.6	pH	MT
1	pH	7.6	pH	MT

WELL BLANK collected on 08/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Specific conductance	2.0	µS/cm	GE
0	Specific conductance	7.3	µS/cm	MT
0	Specific conductance	7.4	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<2.7	ng/L	MT
0	Turbidity	0.20	NTU	GE
0	Turbidity	0.69	NTU	MT
0	Turbidity	0.73	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<10	µg/L	GE
1	Alkalinity	1,600	µg/L	GE
1	Alkalinity	2,380	µg/L	MT
1	Alkalinity	2,160	µg/L	MT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	53	µg/L	GE
0	Aluminum	56	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	GE
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<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	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	<10	µg/L	GE
0	Calcium	266	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
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	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	MT
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	Endrin	<0.0050	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0050	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
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	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodine	<100	µg/L	GE

WELL BLANK collected on 08/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iodine	<100	µg/L	MT
0	Iron	17	µg/L	GE
0	Iron	8.3	µg/L	MT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	MT
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	24	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
1	Oil & grease	7,000	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	MT
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	para-Chloro-meta-cresol	<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	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phenols	<10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	<100	µg/L	GE
0	Silica	122	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	27	µg/L	GE
0	Sodium	<10	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total carbon	<1,000	µg/L	GE
0	Total carbon	<1,000	µg/L	MT
0	Total dissolved solids	3,000	µg/L	GE
0	Total dissolved solids	18,000	µg/L	MT
0	Total dissolved solids	18,000	µg/L	MT
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	MT

WELL BLANK collected on 08/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	30	µg/L	MT
0	Total silica	< 100	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Tributyl phosphate	< 10	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 2.0	µg/L	GE
0	Zinc	13	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
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	MT
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.48	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.080	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT

WELL BLANK collected on 08/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 Time: 8:25
Depth to water: Not available pH: 8.2
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 12-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.66	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 1.7	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 1.9	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 1.9	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 1.4	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 2.4	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 3.3	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 5.0	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 2.0	ng/L	MT
1	pH	7.3	pH	GE
0	pH	6.0	pH	MT
0	pH	6.9	pH	MT
0	Specific conductance	2.0	µS/cm	GE
0	Specific conductance	2.0	µS/cm	MT
0	Specific conductance	1.8	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 1.3	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 3.0	ng/L	MT
0	Turbidity	0.30	NTU	GE
0	Turbidity	0.16	NTU	MT
0	Turbidity	0.12	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.66	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.55	ng/L	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Aldrin	< 10	µg/L	GE
1	Alkalinity	1,800	µg/L	GE
1	Alkalinity	1,940	µg/L	MT
1	Alkalinity	1,730	µg/L	MT
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Aluminum	21	µg/L	MT
0	Anthracene	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Barium	< 1.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzidine	< 50	µg/L	GE
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	GE
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	Beryllium	< 0.50	µg/L	MT
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromide	< 1,000	µg/L	GE
0	Bromide	< 250	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	28	µg/L	GE
0	Calcium	6.9	µg/L	MT
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 2.5	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Copper	< 2.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT

WELL BLANK collected on 08/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
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	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0060	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0060	µg/L	MT
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	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	GE
0	Iodine	< 100	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Iron	< 5.0	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Lead	10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 20	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Magnesium	1.1	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
1	Methoxychlor	J 0.17	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
0	Oil & grease	< 1,000	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDD	< 0.10	µg/L	MT
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	para-Chloro-meta-cresol	< 10	µg/L	GE

WELL BLANK collected on 08/10/90, laboratory analyses (continued)

Flag	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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Silica	230	µg/L	GE
0	Silica	36	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	MT
0	Sodium	200	µg/L	GE
0	Sodium	< 10	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 100	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Total carbon	< 1,000	µg/L	GE
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	7,000	µg/L	GE
0	Total dissolved solids	7,000	µg/L	MT
0	Total dissolved solids	9,000	µg/L	MT
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
1	Total silica	230	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Tributyl phosphate	< 10	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 2.0	µg/L	GE
0	Zinc	1.2	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT

WELL BLANK collected on 08/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
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	MT
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.080	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 3.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 8:36
Depth to water: Not available — pH: 6.6
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 21.1°C

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 8:30
Depth to water: Not available — pH: 6.8
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.46	ng/L	GE
0	Carbon 12-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.66	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.46	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.46	ng/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	5.9	pH	GE
0	Specific conductance	2.0	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Turbidity	0.10	NTU	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<10	µg/L	GE
1	Alkalinity	1,400	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/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	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	Benzoic acid	<50	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<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	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<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	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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

WELL BLANK collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<10	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	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	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	<10.0	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	Oil & grease	<1,000	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	para-Chloro-meta-cresol	<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	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	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	150	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total hydrocarbons	<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 halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
1	Total silica	340	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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

WELL BLANK collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Nitrophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 0.70	pCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 9:00
Depth to water: Not available — pH: 5.6
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 1.4	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 1.4	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 2.4	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 1.3	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.6	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 2.8	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 4.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 1.5	ng/L	MT
0	pH	6.0	pH	MT
0	pH	6.0	pH	MT
0	Specific conductance	7.6	µS/cm	MT
0	Specific conductance	7.6	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 2.3	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 3.6	ng/L	MT
0	Turbidity	0.24	NTU	MT
0	Turbidity	0.23	NTU	MT
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
1	Alkalinity	1,730	µg/L	MT
1	Alkalinity	1,940	µg/L	MT
0	alpha-Benzene hexachloride	0.050	µg/L	MT
1	Aluminum	189	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 1.0	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT

WELL BLANK collected on 08/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	37	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	6.8	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Lead	9.8	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	4.6	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	p,p'-DDD	< 0.10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	68	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	240	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	14,000	µg/L	MT
0	Total dissolved solids	12,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	18	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	4.9	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.090	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: Not available

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 0.049	pCi/mL	EM
0	Antimony-125	< 0.044	pCi/mL	EM
0	Cerium-144	< 0.13	pCi/mL	EM
0	Cerium-144	< 0.14	pCi/mL	EM
0	Cesium-134	< 0.020	pCi/mL	EM
0	Cesium-134	< 0.018	pCi/mL	EM
0	Cesium-137	< 0.018	pCi/mL	EM
0	Cesium-137	< 0.019	pCi/mL	EM
0	Chromium-51	< 0.16	pCi/mL	EM
0	Chromium-51	< 0.16	pCi/mL	EM
0	Cobalt-60	< 0.019	pCi/mL	EM
0	Cobalt-60	< 0.017	pCi/mL	EM
0	Gross alpha	0.0060 ± 0.29	pCi/L	EM
0	Gross alpha	- 0.097 ± 0.21	pCi/L	EM
0	Iodine-131	< 0.020	pCi/mL	EM
0	Iodine-131	< 0.021	pCi/mL	EM
0	Niobium-95	< 0.018	pCi/mL	EM
0	Niobium-95	< 0.019	pCi/mL	EM
0	Nonvolatile beta	- 0.022 ± 0.63	pCi/L	EM
0	Nonvolatile beta	- 0.47 ± 0.58	pCi/L	EM
0	Ruthenium-103	< 0.018	pCi/mL	EM
0	Ruthenium-103	< 0.018	pCi/mL	EM
0	Ruthenium-106	< 0.17	pCi/mL	EM
0	Ruthenium-106	< 0.18	pCi/mL	EM
0	Strontium-89/90	0.21 ± 0.86	pCi/L	EM
0	Strontium-89/90	- 0.58 ± 0.82	pCi/L	EM
0	Tritium	0.22 ± 0.68	pCi/mL	EM
0	Tritium	- 0.040 ± 0.67	pCi/mL	EM
0	Zirconium-95	< 0.030	pCi/mL	EM
0	Zirconium-95	< 0.027	pCi/mL	EM

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 8:00
Depth to water: Not available pH: 6.7
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 12-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.55	ng/L	GE
1	pH	8.9	pH	GE
0	Specific conductance	3.0	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Turbidity	0.20	NTU	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.55	ng/L	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Aldrin	< 10	µg/L	GE
1	Alkalinity	1,800	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/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	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	Benzoic acid	< 50	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	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	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE

WELL BLANK collected on 08/17/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	delta-Benzene hexachloride	< 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	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dieldrin	< 0.60	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan I	< 0.60	µg/L	GE
0	Endosulfan II	< 0.60	µg/L	GE
0	Endosulfan sulfate	< 0.60	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 0.60	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	gamma-Benzene hexachloride (Lindane)	< 0.0060	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 0.60	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 0.60	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	5.5	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	5.0	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	< 0.60	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	< 60	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
1	Oil & grease	3,000	µg/L	GE
0	p,p'-DDD	< 0.60	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 0.60	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 0.60	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 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	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	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	98	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total hydrocarbons	< 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 halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
1	Total silica	480	µg/L	GE

WELL BLANK collected on 08/17/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Tributyl phosphate	< 10	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropene	< 1.0	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Nitrophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
1	Americium-241	1.9 ± 0.60	pCi/L	MT
0	Antimony-125	< 26	pCi/L	MT
0	Cerium-141	< 5.4	pCi/L	MT
0	Cerium-144	< 170	pCi/L	MT
0	Cesium-134	< 20	pCi/L	MT
0	Cesium-137	< 3.7	pCi/L	MT
0	Cobalt-58	< 3.9	pCi/L	MT
0	Cobalt-60	< 5.1	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	Iodine-129	< 43	pCi/L	MT
0	Manganese-54	< 3.8	pCi/L	MT
0	Niobium-95	< 3.9	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Plutonium-238	< 1.0	pCi/L	MT
0	Plutonium-239	< 1.0	pCi/L	MT
0	Radium-226	< 1.0	pCi/L	MT
1	Radium-226	10 ± 1.0	pCi/L	MT
0	Radium-228	< 2.1	pCi/L	MT
0	Radium-228	< 68	pCi/L	MT
0	Ruthenium-103	< 3.4	pCi/L	MT
0	Ruthenium-106	< 33	pCi/L	MT
0	Sodium-22	< 5.1	pCi/L	MT
0	Strontium-89	< 1.0	pCi/L	MT
0	Strontium-89	< 1.0	pCi/L	MT
1	Strontium-90	1.6 ± 0.20	pCi/L	MT
0	Strontium-90	< 1.4	pCi/L	MT
0	Technetium-99	< 7.0	pCi/L	MT
1	Thorium-228	3.8 ± 0.80	pCi/L	MT
1	Thorium-228	3.4 ± 0.80	pCi/L	MT
0	Thorium-230	< 1.0	pCi/L	MT
1	Thorium-230	1.2 ± 0.40	pCi/L	MT
1	Thorium-232	6.8 ± 1.6	pCi/L	MT
1	Thorium-232	1.3 ± 0.30	pCi/L	MT
1	Thorium-232	1.0 ± 0.30	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 1.0	pCi/mL	MT
0	Uranium-234	< 1.0	pCi/L	MT
0	Uranium-235	< 26	pCi/L	MT
0	Uranium-236	< 1.0	pCi/L	MT
0	Uranium-238	< 78	pCi/L	MT
0	Uranium-238	< 1.0	pCi/L	MT
0	Zinc-65	< 8.8	pCi/L	MT
0	Zirconium-95	< 8.5	pCi/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 — Time: 8:20
Depth to water: Not available — pH: 6.6
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 23.4 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.46	ng/L	QE
0	Carbon 12-labeled TCDF	<0.40	ng/L	QE
0	Heptachlorodibenzo-p-dioxin isomers	<0.66	ng/L	QE
0	Heptachlorodibenzo-p-dioxin isomers	<1.0	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.46	ng/L	QE
0	Heptachlorodibenzo-p-furan isomers	<0.77	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.46	ng/L	QE
0	Hexachlorodibenzo-p-dioxin isomers	<0.63	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	QE
0	Hexachlorodibenzo-p-furan isomers	<0.61	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	QE
0	Octachlorodibenzo-p-dioxin isomers	<0.42	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	QE
0	Octachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.66	ng/L	QE
0	Pentachlorodibenzo-p-furan isomers	<0.66	ng/L	QE
0	Pentachlorodibenzo-p-dioxin isomers	<2.7	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.84	ng/L	MT
0	pH	4.8	pH	QE
0	pH	6.0	pH	MT
0	Specific conductance	4.0	µS/cm	QE
0	Specific conductance	4.4	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	QE
0	Tetrachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.46	ng/L	QE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.88	ng/L	MT
0	Turbidity	0.20	NTU	QE
0	Turbidity	0.23	NTU	MT
0	Turbidity	0.27	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.66	ng/L	QE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.46	ng/L	QE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.46	ng/L	QE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	QE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.66	ng/L	QE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.66	ng/L	QE
0	Acenaphthene	<10	µg/L	QE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	QE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	QE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	QE
0	Acetophenone	<10	µg/L	QE
0	Aldrin	<0.50	µg/L	QE
0	Aldrin	<10	µg/L	QE
1	Alkalinity	1,800	µg/L	QE
1	Alkalinity	1,730	µg/L	MT
1	Alkalinity	1,730	µg/L	MT
0	alpha-Benzene hexachloride	<0.50	µg/L	QE
0	alpha-Benzene hexachloride	<10	µg/L	QE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	alpha-Endosulfan	<10	µg/L	QE
0	Aluminum	22	µg/L	QE
0	Aluminum	<10	µg/L	MT
0	Aluminum	<10	µg/L	MT
0	Anthracene	<10	µg/L	QE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	QE
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	QE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<3.0	µg/L	QE
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Benzene	<1.0	µg/L	QE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	QE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	QE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	QE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	QE
0	Benzo b]fluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	QE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	QE

WELL BLANK collected on 08/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	QE
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	QE
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	QE
0	beta-Benzene hexachloride	<10	µg/L	QE
0	beta-Endosulfan	<10	µg/L	QE
0	Bis(chloromethyl)ether	<10	µg/L	QE
0	Bis(2-chloroethoxy) methane	<10	µg/L	QE
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	QE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	QE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	QE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromide	<1,000	µg/L	QE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	QE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	QE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	QE
0	Cadmium	<1.6	µg/L	MT
0	Cadmium	<1.6	µg/L	MT
0	Calcium	32	µg/L	QE
0	Calcium	8.6	µg/L	MT
0	Calcium	8.7	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	QE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	QE
0	Chlordane	<10	µg/L	QE
0	Chloride	<250	µg/L	QE
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	QE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	QE
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	QE
0	Chrysene	<10	µg/L	MT
0	cis-1,2-Dichloroethene	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	QE
0	Cobalt	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	QE
0	Copper	<2.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	QE
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	QE
0	delta-Benzene hexachloride	<10	µg/L	QE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	QE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	QE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	QE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	QE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	QE
1	Dichloromethane (Methylene chloride)	5.0	µg/L	MT
0	Dieldrin	<0.50	µg/L	QE
0	Dieldrin	<10	µg/L	QE
0	Diethyl phthalate	<10	µg/L	QE
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	QE
0	Dimethyl phthalate	<10	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	QE

WELL BLANK collected on 08/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dissolved organic carbon	< 1,000	µg/L	MT
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	Endrin	< 0.0080	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0080	µg/L	MT
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
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	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	GE
0	Iodine	< 100	µg/L	MT
0	Iodine	< 100	µg/L	MT
0	Iron	4.2	µg/L	GE
0	Iron	8.2	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 20	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	2.8	µg/L	GE
0	Magnesium	3.1	µg/L	MT
0	Magnesium	2.1	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Manganese	< 1.0	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 2.6	µg/L	MT
0	Nickel	< 2.6	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 300	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
1	Oil & grease	2,000	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDD	< 0.10	µg/L	MT
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	para-Chloro-meta-cresol	< 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

WELL BLANK collected on 08/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	290	µg/L	GE
0	Silica	114	µg/L	MT
0	Silica	91	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	210	µg/L	GE
0	Sodium	< 10	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 100	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Total carbon	< 1,000	µg/L	GE
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	8,000	µg/L	GE
0	Total dissolved solids	7,000	µg/L	MT
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 10	µg/L	MT
1	Total silica	390	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Tributyl phosphate	< 10	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 50	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 0.50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	9.7	µg/L	GE
0	Zinc	2.2	µg/L	MT
0	Zinc	2.1	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
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	MT
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.080	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	*Nonvolatile beta*	< 2.0	pCi/l	GE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Total radium	1.8 ± 2.1	pCi/l	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90 — Time: 7:55
Depth to water: Not avail" — pH: 4.7
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 10 µS/cm — Water temperature: 22.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 1.3	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.72	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 1.4	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.63	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 0.60	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 3.4	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.64	ng/L	MT
0	pH	4.7	pH	MT
0	pH	4.7	pH	MT
0	Specific conductance	23	µS/cm	MT
0	Specific conductance	23	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 0.82	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 1.1	ng/L	MT
0	*Turbidity*	0.18	NTU	MT
0	Turbidity	0.16	NTU	MT
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT

WELL BLANK collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Alkalinity	880	µg/L	MT
1	Alkalinity	860	µg/L	MT
0	alpha-Benzene hexachloride	< 0.060	µg/L	MT
0	Aluminum	41	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo fluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	14	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	510	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	delta-Benzene hexachloride	< 0.060	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	2.8	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	< 300	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	p,p'-DDD	< 0.10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
1	Phenols	12	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Pyrene	< 10	µg/L	MT

WELL BLANK collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Selenium	<3.0	µg/L	MT
0	Silica	9,320	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	279	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
1	Total carbon	3,980	µg/L	MT
1	Total carbon	3,980	µg/L	MT
0	Total dissolved solids	6,000	µg/L	MT
0	Total dissolved solids	2,000	µg/L	MT
1	Total inorganic carbon	3,980	µg/L	MT
1	Total inorganic carbon	3,980	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total petroleum hydrocarbons	<1,000	µg/L	MT
0	Total phosphates	45	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	4.5	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	4.2 ± 2.6	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:50
pH: 7.1
Alkalinity: 1 meq/L
Water temperature: 26.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.50	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.92	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.77	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.77	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE

WELL BLANK collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Octachlorodibenzo-p-dioxin isomers	<0.77	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.84	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<3.8	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.53	ng/L	MT
0	pH	5.9	pH	GE
0	pH	4.9	pH	MT
0	Specific conductance	3.0	µS/cm	GE
0	Specific conductance	27	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.87	ng/L	MT
0	Turbidity	0.21	NTU	GE
0	Turbidity	0.11	NTU	MT
0	Turbidity	0.10	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
1	Alkalinity	4,900	µg/L	GE
1	Alkalinity	650	µg/L	MT
1	Alkalinity	650	µg/L	MT
0	Allyl chloride	<50	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Aluminum	<10	µg/L	MT
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	<10	µg/L	GE
0	Calcium	7.9	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethoate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	MT
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	<0.0060	µg/L	MT
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	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0060	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0060	µg/L	MT
0	Heptachlor	<0.50	µg/L	GE

WELL BLANK collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Hexachlorophene	<100	µg/L	GE
0	Hexachloropropene	<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	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
0	Iodomethane (Methyl Iodide)	<15	µg/L	GE
0	Iron	6.0	µg/L	GE
0	Iron	<5.0	µg/L	MT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	MT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	3.4	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
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	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<300	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
1	Oil & grease	1,000	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	MT
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	para-Chloro-meta-cresol	<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 BLANK collected on 08/23/90, laboratory analyses (continued)

Flag	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	Pentachlorophenol	< 50	µg/L	MT
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
1	Phenols	6.4	µg/L	MT
0	Phorate	< 0.50	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	MT
0	Pronamid	< 10	µg/L	GE
0	*Propionitrile*	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Silica	< 100	µg/L	GE
0	Silica	103	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 100	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Total carbon	< 1,000	µg/L	GE
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	5,000	µg/L	GE
0	Total dissolved solids	2,000	µg/L	MT
0	Total dissolved solids	3,000	µg/L	MT
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 10	µg/L	MT
0	Total silica	< 100	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 0.50	µg/L	MT
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 2.0	µg/L	GE
0	Zinc	1.1	µg/L	MT
0	1-*Naphthylamine*	< 10	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-*Dichloroethane*	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT

WELL BLANK collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-*Dichloroethane*	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-*Hexanone*	< 1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2-Picoline	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.080	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-*Trichlorophenol*	< 10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 4.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	1.5 ± 0.20	pCi/mL	GE
0	Tritium	< 1.0	pCi/mL	MT

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90 — Time: 9:00
Depth to water: Not available — pH: 6.7
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.88	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.93	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.86	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<2.4	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<4.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.2	ng/L	MT
0	pH	6.0	pH	MT
0	Specific conductance	21	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<2.1	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<2.4	ng/L	MT
0	Turbidity	0.12	NTU	MT
0	Turbidity	0.090	NTU	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
1	Alkalinity	1,300	µg/L	MT
1	Alkalinity	1,300	µg/L	MT
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Aluminum	22	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	9.5	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT

WELL BLANK collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodine	<100	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	2.3	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	65	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total carbon	<1,000	µg/L	MT
0	Total dissolved solids	12,000	µg/L	MT
0	Total dissolved solids	12,000	µg/L	MT
0	Total inorganic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total petroleum hydrocarbons	<1,000	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	15	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
1	2,4-Dinitrotoluene	J 6.0	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroanilline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT

WELL BLANK collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:10
pH: 6.2
Alkalinity: 1 meq/L
Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<2.2	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<2.0	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.31	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<3.0	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	pH	6.9	pH	MT
0	pH	6.9	pH	MT
0	Specific conductance	7.4	µS/cm	MT
0	Specific conductance	7.3	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.7	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.9	ng/L	MT
0	Turbidity	18	NTU	MT
0	Turbidity	18	NTU	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
1	Alkalinity	1,610	µg/L	MT
1	Alkalinity	1,610	µg/L	MT
0	alpha-Benzene hexachloride	<0.060	µg/L	MT
1	Aluminum	87	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	22	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	3.3	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.060	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	5.0	µg/L	MT

WELL BLANK collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodine	<100	µg/L	MT
0	Iron	6.1	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Lead	2.1	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	7.8	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
1	Phenols	7.0	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	85	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	221	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total carbon	<1,000	µg/L	MT
0	Total dissolved solids	18,000	µg/L	MT
0	Total dissolved solids	18,000	µg/L	MT
0	Total inorganic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total petroleum hydrocarbons	<1,000	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	4.9	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 6.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Time: 8:50
Depth to water: Not available
pH: 6.8
Water elevation: Not available
Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm
Water temperature: 23.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 0.38	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.79	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.68	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.74	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 0.68	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.6	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 3.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.66	ng/L	MT
0	pH	6.4	pH	MT
0	pH	6.3	pH	MT
0	Specific conductance	4.9	µS/cm	MT
0	Specific conductance	5.0	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 1.1	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 1.7	ng/L	MT
0	Turbidity	1.8	NTU	MT
0	Turbidity	1.8	NTU	MT
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
1	Alkalinity	2,160	µg/L	MT
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	Aluminum	43	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	9.1	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	360	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
1	Cyanide	6.1	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT

WELL BLANK collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	MT
0	Iodine	< 100	µg/L	MT
0	Iron	17	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	1.9	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	< 300	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	p,p'-DDD	< 0.10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	57	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Sulfate	1,040	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total carbon	< 1,000	µg/L	MT
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	20,000	µg/L	MT
0	Total dissolved solids	20,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	31	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	2.8	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT

WELL BLANK collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 7:55
Depth to water: Not available — pH: 6.2
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 23.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 12-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.55	ng/L	GE
0	pH	6.8	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Turbidity	0.20	NTU	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.55	ng/L	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Aldrin	< 10	µg/L	GE
1	Alkalinity	2,600	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/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	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	Benzoic acid	< 50	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 10	µg/L	GE
0	Bis(chloromethyl)ether	< 10	µg/L	GE

WELL BLANK collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-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	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 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	Dichloromethane (Methylene chloride)	< 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	Dimethyl phthalate	< 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	Endrin	< 0.0050	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	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	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	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	29	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	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	320	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	Oil & grease	< 1,000	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	para-Chloro-meta-cresol	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	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	800	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	< 1,000	µg/L	GE
0	Total hydrocarbons	< 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 halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
1	Total silica	1,100	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Tributyl phosphate	< 10	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	2.7	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Nitrophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 0.70	pCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:15
pH: 4.8
Alkalinity: 1 meq/L
Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.46	ng/L	GE
0	Carbon 12-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.66	ng/L	GE

WELL BLANK collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-furan isomers	< 0.46	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.46	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.66	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.66	ng/L	GE
0	pH	8.0	pH	GE
0	Specific conductance	2.0	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.46	ng/L	GE
0	Turbidity	0.20	NTU	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.66	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.46	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.46	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.66	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.66	ng/L	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Aldrin	< 10	µg/L	GE
1	Alkalinity	5,000	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/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	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	Benzoic acid	< 50	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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
1	Bis(2-ethylhexyl) phthalate	24	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	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 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	Dichloromethane (Methylene chloride)	< 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	Dimethyl phthalate	< 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

WELL BLANK collected on 09/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<0.50	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<10	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	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	6.1	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	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	<10.0	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	Oil & grease	<1,000	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	para-Chloro-meta-cresol	<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	Phenols	<5.0	µg/L	GE
0	Phenols	<10	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	<1,000	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	<1,000	µg/L	GE
0	Total dissolved solids	1,000	µg/L	GE
0	Total hydrocarbons	<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 halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total silica	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE

WELL BLANK collected on 09/07/90, laboratory analyses (continued)

Flag	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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Nitrophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 Time: 8:45
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.65	ng/L	GE
0	pH	6.0	pH	GE
0	Specific conductance	2.0	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Turbidity	0.20	NTU	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.65	ng/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<10	µg/L	GE
1	Alkalinity	5,000	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/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	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	Benzoic acid	<50	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 09/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<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	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12	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	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<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	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<10	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	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	8.6	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	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	<10.0	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
1	Oil & grease	2,000	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

WELL BLANK collected on 09/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	para-Chloro-meta-cresol	<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	Phenols	<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	45	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	3,000	µg/L	GE
0	Total hydrocarbons	<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 halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total silica	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Nitrophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 — Time: 8:25
Depth to water: Not available — pH: 5.8
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.46	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.66	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.60	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.46	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.93	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.46	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.48	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.17	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.56	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.66	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<3.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.87	ng/L	MT
0	pH	5.6	pH	GE
1	pH	6.8	pH	MT
0	pH	6.4	pH	MT
0	Specific conductance	3.0	µS/cm	GE
0	Specific conductance	9.8	µS/cm	MT
0	Specific conductance	9.8	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	Turbidity	0.12	NTU	GE
0	Turbidity	0.16	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.66	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.46	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.46	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.66	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.66	ng/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<10	µg/L	GE
1	Alkalinity	6,000	µg/L	GE
1	Alkalinity	1,300	µg/L	MT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	15	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	GE
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT

WELL BLANK collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<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	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	21	µg/L	GE
0	Calcium	9.7	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.6	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE
1	Di-n-butyl phthalate	J 1.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	14	µg/L	MT
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	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
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	Endrin	<0.0080	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
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	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	GE
0	Iodine	< 100	µg/L	MT
0	Iron	82	µg/L	GE
0	Iron	< 5.0	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	MT
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 20	µg/L	MT
0	Magnesium	2.8	µg/L	GE
0	Magnesium	4.9	µg/L	MT
0	Manganese	2.7	µg/L	GE
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 300	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
1	Oil & grease	4,000	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDD	< 0.10	µg/L	MT
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	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT

WELL BLANK collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	< 100	µg/L	GE
0	Silica	47	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	MT
0	Sodium	110	µg/L	GE
0	Sodium	< 10	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 100	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Total carbon	< 1,000	µg/L	GE
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	8,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	MT
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 10	µg/L	MT
0	Total silica	< 100	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Tributyl phosphate	< 10	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	7.2	µg/L	GE
0	Zinc	1.2	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.48	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE

WELL BLANK collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.1 ± 1.6	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 — Time: 8:50
Depth to water: Not available — pH: 6.6
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm — Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.46	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.66	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Heptachlorodibenzo-p-dioxin isomers	<0.80	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.46	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.87	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.46	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.99	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.78	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.98	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<3.8	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.9	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.56	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.66	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<7.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<4.0	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	pH	6.1	pH	GE
0	pH	6.6	pH	MT
0	pH	6.2	pH	MT
0	pH	6.7	pH	MT
0	Specific conductance	3.0	µS/cm	GE
0	Specific conductance	11	µS/cm	MT
0	Specific conductance	10	µS/cm	MT
0	Specific conductance	8.2	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<1.7	ng/L	MT
0	Tetrachlorodibenzo-p-furan isomers	<2.0	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.46	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<2.1	ng/L	MT
0	Turbidity	0.19	NTU	GE
0	Turbidity	0.17	NTU	MT
0	Turbidity	0.18	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.66	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.46	ng/L	GE

WELL BLANK collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.46	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.66	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.66	ng/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<0.80	µg/L	GE
0	Aldrin	<10	µg/L	GE
1	Alkalinity	6,000	µg/L	GE
1	Alkalinity	2,160	µg/L	MT
1	Alkalinity	2,160	µg/L	MT
0	alpha-Benzene hexachloride	<0.60	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.060	µg/L	MT
0	alpha-Benzene hexachloride	<0.060	µg/L	MT
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	23	µg/L	MT
0	Aluminum	<10	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	GE
0	Benzoic acid	<50	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	beta-Benzene hexachloride	<0.60	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Bis(bromomethyl)ether	<10	µg/L	GE
0	Bis(loroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 2.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 2.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 1.5	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	16	µg/L	GE
0	Calcium	9.2	µg/L	MT
0	Calcium	8.7	µg/L	MT
0	Carbon disulfide	< 2.0	µg/L	GE
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chlorobenzene	< 2.0	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 2.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroethene (Vinyl chloride)	< 2.0	µg/L	GE
0	Chloroform	< 2.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 2.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 2.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	cis-1,2-Dichloroethene	< 2.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 2.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 5.0	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Copper	< 2.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 2.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 2.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	12	µg/L	MT
1	Dichloromethane (Methylene chloride)	12	µg/L	MT
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	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT

WELL BLANK collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
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	Endrin	< 0.0050	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0050	µg/L	MT
0	Endrin	< 0.0050	µg/L	MT
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 2.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
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	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodine	< 100	µg/L	GE
0	Iodine	< 100	µg/L	MT
0	Iodine	< 100	µg/L	MT
0	Iron	6.7	µg/L	GE
0	Iron	< 5.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	MT
0	Lead	< 3.0	µg/L	MT
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 20	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Magnesium	2.6	µg/L	MT
0	Magnesium	2.4	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Manganese	< 1.0	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 4.0	µg/L	GE

WELL BLANK collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel	< 2.5	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 300	µg/L	MT
0	Nitrate as nitrogen	< 300	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Oil & grease	< 1,000	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDD	< 0.10	µg/L	MT
0	p,p'-DDD	< 0.10	µg/L	MT
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	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	< 100	µg/L	GE
0	Silica	61	µg/L	MT
0	Silica	72	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	110	µg/L	GE
0	Sodium	< 10	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 2.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
1	Thallium	2.9	µg/L	MT
1	Thallium	2.9	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 100	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Toluene	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total carbon	< 1,000	µg/L	GE
0	Total carbon	< 1,000	µg/L	MT
0	Total carbon	< 1,000	µg/L	MT
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	3,000	µg/L	GE
0	Total dissolved solids	19,000	µg/L	MT
0	Total dissolved solids	8,000	µg/L	MT
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE

WELL BLANK collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	239	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total silica	< 100	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 2.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 2.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Tributyl phosphate	< 10	µg/L	GE
0	Trichloroethylene	< 2.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 2.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 50	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 0.50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 2.0	µg/L	GE
0	Zinc	2.5	µg/L	MT
0	Zinc	1.2	µg/L	MT
0	1,1-Dichloroethane	< 2.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 2.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 2.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 2.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 2.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 2.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 2.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Antimony-125	<0.053	pCi/mL	EM
0	Cerium-144	<0.13	pCi/mL	EM
0	Cesium-134	<0.018	pCi/mL	EM
0	Cesium-137	<0.020	pCi/mL	EM
0	Chromium-51	<0.18	pCi/mL	EM
0	Cobalt-60	<0.021	pCi/mL	EM
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	0.30 ± 0.43	pCi/L	EM
0	Iodine-131	<0.028	pCi/mL	EM
0	Niobium-95	<0.019	pCi/mL	EM
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	0.72 ± 0.80	pCi/L	EM
0	Ruthenium-103	<0.019	pCi/mL	EM
0	Ruthenium-106	<0.17	pCi/mL	EM
0	Strontium-89/90	0.66 ± 0.88	pCi/L	EM
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<1.0	pCi/mL	MT
0	Zirconium-95	<0.033	pCi/mL	EM

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:50
pH: 6.7
Alkalinity: 1 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.82	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.58	ng/L	MT

WELL BLANK collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.51	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.88	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.84	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.90	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<1.7	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.68	ng/L	MT
1	pH	8.9	pH	GE
1	pH	8.9	pH	GE
0	pH	8.5	pH	MT
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	6.6	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.78	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Turbidity	0.10	NTU	GE
0	Turbidity	0.12	NTU	GE
0	Turbidity	0.19	NTU	MT
0	Turbidity	0.17	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
1	Alkalinity	2,000	µg/L	GE
1	Alkalinity	3,000	µg/L	GE
1	Alkalinity	2,150	µg/L	MT
1	Alkalinity	2,150	µg/L	MT
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	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	alpha-Endosulfan	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	53	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	MT

WELL BLANK collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzidine	< 50	µg/L	GE
0	Benzidine	< 50	µg/L	GE
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo bifluoranthene	< 10	µg/L	MT
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	MT
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	GE
0	Benzoic acid	< 50	µg/L	GE
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Beryllium	< 0.50	µg/L	MT
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	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 10	µg/L	GE
0	beta-Endosulfan	< 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-chloroethoxy) methane	< 10	µg/L	MT
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	MT
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	MT
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	MT
0	Bromide	< 1,000	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromide	< 250	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
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	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 1.6	µg/L	MT
0	Calcium	< 10	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Calcium	37	µg/L	MT
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE

WELL BLANK collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroethane	< 10	µg/L	MT
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	< 5.0	µg/L	MT
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	MT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 2.5	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,2-Dichloroethene	< 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	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Copper	2.2	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
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	delta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
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	MT
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	MT
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	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	9.0	µg/L	MT
0	Dieldrin	< 0.50	µg/L	GE
0	Dieldrin	< 0.50	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	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
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	MT
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	< 10	µg/L	GE
0	Endosulfan sulfate	< 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	< 0.0060	µg/L	MT
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor	< 10	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	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
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	MT
0	Iodine	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iodine	< 100	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Iron	4.8	µg/L	GE
0	Iron	6.1	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	MT
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 20	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Magnesium	7.3	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	J 0.075	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 300	µg/L	MT
0	Nitrate as nitrogen	< 300	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
0	Oil & grease	< 1,000	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

WELL BLANK collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDD	< 0.10	µg/L	MT
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'-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	p,p'-DDT	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Silica	310	µg/L	GE
0	Silica	320	µg/L	GE
0	Silica	88	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	MT
0	Sodium	130	µg/L	GE
0	Sodium	130	µg/L	GE
0	Sodium	< 10	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Tin	< 100	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Total carbon	< 1,000	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	13,000	µg/L	GE
0	Total dissolved solids	11,000	µg/L	GE
0	Total dissolved solids	54,000	µg/L	MT
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	MT
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	MT
0	Total organic carbon	< 1,000	µg/L	MT
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	MT

WELL BLANK collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total petroleum hydrocarbons	<1,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
1	Total silica	260	µg/L	GE
1	Total silica	240	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	Toxaphene	<0.24	µg/L	MT
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	MT
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	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	3.1	µg/L	MT
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	MT
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	MT
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	MT
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	MT
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	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
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	MT
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	MT
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	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	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	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	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
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	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
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	J 0.015	µg/L	MT

WELL BLANK collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
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)	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
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	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
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	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
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	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
2	Nonvolatile beta	86 ± 8.0	pCi/L	MT
0	Total radium	1.5 ± 3.3	pCi/L	GE
0	Total radium	1.5 ± 3.3	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 8:30
Depth to water: Not available — pH: 8.1
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 17.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.78	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<1.9	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.82	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.62	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.40	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<2.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.59	ng/L	MT
0	pH	6.8	pH	GE
0	pH	5.7	pH	MT
0	pH	6.0	pH	MT
0	Specific conductance	2.0	µS/cm	GE
0	Specific conductance	7.8	µS/cm	MT
0	Specific conductance	4.6	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<1.5	ng/L	MT
0	Turbidity	0.13	NTU	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Turbidity	0.16	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<10	µg/L	GE
1	Alkalinity	3,000	µg/L	GE
1	Alkalinity	2,580	µg/L	MT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	36	µg/L	MT
0	Aluminum	<10	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	GE
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<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	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
1	Bis(2-ethylhexyl) phthalate	J 4.0	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	<10	µg/L	GE
0	Calcium	11	µg/L	MT
0	Calcium	5.8	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE

WELL BLANK collected on 08/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	480	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
1	Di-n-octyl phthalate	J 6.0	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
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	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
1	Dissolved organic carbon	1,400	µg/L	MT
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	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
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	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
0	Iodine	<100	µg/L	MT
0	Iron	7.4	µg/L	GE
0	Iron	<5.0	µg/L	MT

WELL BLANK collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	<6.0	µg/L	MT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Lithium	<6.0	µg/L	GE
0	Lithium	<20	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	2.9	µg/L	GE
0	Magnesium	2.6	µg/L	MT
0	Magnesium	1.6	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	J 0.072	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.6	µg/L	MT
0	Nickel	<2.6	µg/L	MT
0	Nitrate as nitrogen	<60	µg/L	GE
0	Nitrate as nitrogen	<300	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
0	Oil & grease	<1,000	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	MT
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	para-Chloro-meta-cresol	<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	Pentachlorophenol	<60	µg/L	MT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	GE
0	Phenols	<6.0	µg/L	GE
1	Phenols	8.9	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	390	µg/L	GE
0	Silica	73	µg/L	MT
0	Silica	48	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.6	µg/L	MT
0	Silver	<2.6	µg/L	MT
0	Sodium	64	µg/L	GE
0	Sodium	<10	µg/L	MT
0	Sodium	39	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<6.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<6.0	µg/L	MT
0	Total carbon	<1,000	µg/L	GE
1	Total carbon	1,420	µg/L	MT

WELL BLANK collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	26,000	µg/L	GE
0	Total dissolved solids	<6,000	µg/L	MT
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,420	µg/L	MT
0	Total organic carbon	1,360	µg/L	MT
0	Total organic halogens	<6.0	µg/L	GE
0	Total organic halogens	7.6	µg/L	MT
0	Total petroleum hydrocarbons	<1,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total silica	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<2.0	µg/L	GE
0	Zinc	2.0	µg/L	MT
0	Zinc	1.8	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 Time: 8:15
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.46	ng/L	GE
0	Carbon 12-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.66	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.16	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.46	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 1.4	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.46	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.61	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.61	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.66	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.76	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 0.66	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.66	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 2.0	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.67	ng/L	MT
0	pH	5.8	pH	GE
0	pH	5.7	pH	MT
0	Specific conductance	3.0	µS/cm	GE
0	Specific conductance	7.5	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 1.2	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.46	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 1.1	ng/L	MT
0	Turbidity	0.32	NTU	GE
0	Turbidity	0.30	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.66	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.46	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.46	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.66	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.66	ng/L	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Aldrin	< 10	µg/L	GE
1	Alkalinity	2,000	µg/L	GE
1	Alkalinity	1,080	µg/L	MT
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Aluminum	30	µg/L	MT
0	Anthracene	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Barium	< 1.0	µg/L	MT

WELL BLANK collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzidine	< 50	µg/L	GE
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	GE
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	Beryllium	< 0.50	µg/L	MT
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromide	< 1,000	µg/L	GE
0	Bromide	< 250	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	25	µg/L	GE
0	Calcium	13	µg/L	MT
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 2.5	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Copper	< 2.0	µg/L	MT
0	Cyanide	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT

WELL BLANK collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
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	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
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	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
0	Iron	4.1	µg/L	GE
0	Iron	<5.0	µg/L	MT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	MT
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	3.8	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	J 0.087	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
1	Oil & grease	5,000	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	MT
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	para-Chloro-meta-cresol	<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

WELL BLANK collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	MT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
1	Phenols	12	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	190	µg/L	GE
0	Silica	97	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	GE
0	Sodium	113	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total carbon	<1,000	µg/L	GE
0	Total carbon	<1,000	µg/L	MT
0	Total dissolved solids	19,000	µg/L	GE
0	Total dissolved solids	66,000	µg/L	MT
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total petroleum hydrocarbons	<1,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<31	µg/L	MT
1	Total silica	400	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	Trichlorofluoromethane	J 2.0	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Zinc	6.5	µg/L	GE
0	Zinc	2.4	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:45
pH: 6.0
Alkalinity: 1 meq/L
Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.48	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.72	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.46	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.33	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.70	ng/L	MT
0	pH	6.1	pH	MT
0	pH	6.1	pH	MT
0	Specific conductance	2.2	µS/cm	MT
0	Specific conductance	2.4	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.98	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
1	Alkalinity	1,720	µg/L	MT
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
1	Aluminum	84	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo b]fluoranthene	<10	µg/L	MT

WELL BLANK collected on 09/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	13	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	2.3	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 4.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodine	<100	µg/L	MT
0	Iodine	<100	µg/L	MT
0	Iron	33	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	4.4	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	J 0.070	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	87	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	108	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT

WELL BLANK collected on 08/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tin	< 100	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total carbon	< 1,000	µg/L	MT
0	Total dissolved solids	277,000	µg/L	MT
0	Total inorganic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total petroleum hydrocarbons	< 1,000	µg/L	MT
0	Total phosphates	37	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 60	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	3.2	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.088	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 60	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-TP (Silvex)	J 0.0040	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Gross alpha	< 4.0	pCi/L	MT
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL EPT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/90 Time: 13:55
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 36.0°C

LABORATORY ANALYSES

Flag	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	20	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE

WELL EPT 1 collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	480	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	3.2	µg/L	GE

WELL EPT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/90 Time: 13:15
Depth to water: Not available pH: 6.8
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 77 µS/cm Water temperature: 38.6°C

LABORATORY ANALYSES

Flag	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	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	6.5	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	6.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	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	280	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	48	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	4.7	µg/L	GE

WELL EPT 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 9:40
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 28.0°C

LABORATORY ANALYSES

Flag	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
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	180	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
1	Thallium	2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 3 collected on 07/03/90, laboratory analyses (continued)

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

WELL EPT 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 7:30
Depth to water: Not available pH: 6.7
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 100 µS/cm Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	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	63	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	4.2	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	110	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	140	µg/L	GE
1	Thallium	4.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
1	Uranium	18,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 Time: 7:55
Depth to water: Not available pH: 6.9
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	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	< 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	< 10	µg/L	GE
1	Thallium	2.0	µg/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 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 Time: 7:45
Depth to water: Not available pH: 6.9
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 82 µS/cm Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	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	19	µg/L	GE
0	Calcium	23	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	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	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	< 100	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Sodium	< 10	µg/L	GE
1	Thallium	3.0	µg/L	GE
1	Thallium	2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Zinc	3.0	µg/L	GE

WELL EPT 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 Time: 12:20
Depth to water: Not available pH: 6.7
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 33.5°C

LABORATORY ANALYSES

Flag	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	19	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	12	µg/L	GE

WELL EPT 7 collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.3	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	346	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	28	µg/L	GE

WELL EPT 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 Time: 9:15
Depth to water: Not available pH: 5.3
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 119 µS/cm Water temperature: 28.3°C

LABORATORY ANALYSES

Flag	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	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	110	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 Time: 8:30
Depth to water: Not available pH: 4.2
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	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	9.7	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	46	µg/L	GE
1	Lead	20	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.5	µg/L	GE
0	Manganese	<2.0	µg/L	GE

WELL EPT 9 collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Mercury	<0.20	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	400	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.4	µg/L	GE

WELL EPT 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 Time: 9:45
Depth to water: Not available pH: 5.7
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 102 µS/cm Water temperature: 25.6°C

LABORATORY ANALYSES

Flag	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	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	120	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	28	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.4	µg/L	GE

WELL EPT 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 7:15
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 24.3°C

LABORATORY ANALYSES

Flag	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	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	19	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	15,000	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 11 collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	< 2.0	µg/L	GE
0	Sodium	83	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
1	Tin	3.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 Time: 8:00
Depth to water: Not available pH: 6.2
Water elevation: Not available Alkalinity: 2 meq/L
Sp. conductance: 38 µS/cm Water temperature: 25.3°C

LABORATORY ANALYSES

Flag	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	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	6.7	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lithium	< 6.0	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	800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 Time: 8:00
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 22.7°C

LABORATORY ANALYSES

Flag	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	6.8	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 6.0	µg/L	GE
0	Magnesium	3.1	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	370	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	29	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
1	Uranium	8,800	µg/L	GE

WELL EPT 13 collected on 07/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 8:16
Depth to water: Not available pH: 3.9
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 36 µS/cm Water temperature: 26.0°C

LABORATORY ANALYSES

Flag	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	22	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 6.0	µg/L	GE
0	Magnesium	2.3	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	180	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	84	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90 Time: 8:10
Depth to water: Not available pH: 4.0
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 44 µS/cm Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	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	< 6.0	µg/L	GE
0	Magnesium	2.7	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 100	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	< 2.0	µg/L	GE

WELL EPT 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 Time: 10:15
Depth to water: Not available pH: 6.0
Water elevation: Not available Alkalinity: 2 meq/L
Sp. conductance: 1 µS/cm Water temperature: 26.3°C

LABORATORY ANALYSES

Flag	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	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	9.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.6	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	270	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	45	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/90 Time: 7:30
Depth to water: Not available pH: 4.5
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 10 µS/cm Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	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	16	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	7.4	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
0	Silica	120	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	64	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 Time: 8:45
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	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	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	2.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	25	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 Time: 8:00
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 24.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Aluminum	1,100	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	18	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	38	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 13:00
pH: 5.3
Alkalinity: 0 meq/L
Water temperature: 36.6°C

LABORATORY ANALYSES

Flag	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	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	82	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 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Time: 11:50
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 33.9°C

LABORATORY ANALYSES

Flag	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	< 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	19,000	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	< 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 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 8:50
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 24.0°C

LABORATORY ANALYSES

Flag	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	20	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	35	µg/L	GE
2	Lead	140	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	3.6	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,600	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	2.8	µg/L	GE

WELL EPT 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 10:00
pH: 5.1
Alkalinity: 0 meq/L
Water temperature: 26.6°C

LABORATORY ANALYSES

Flag	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	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	2.3	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	0.28	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	< 100	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	< 2.0	µg/L	GE

WELL EPT 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 Time: 9:50
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 5 µS/cm Water temperature: 24.5°C

LABORATORY ANALYSES

Flag	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	15	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	4,900	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	< 2.0	µg/L	GE

WELL EPT 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 Time: 8:15
Depth to water: Not available pH: 4.5
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 25.0°

LABORATORY ANALYSES

Flag	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	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	< 4.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	4.6	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	660	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: 08/07/90 Time: 8:40
Depth to water: Not available pH: 4.9
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 3 µS/cm Water temperature: 25.5°C

LABORATORY ANALYSES

Flag	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	7.0	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	240	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 Time: 10:10
Depth to water: Not available pH: 5.2
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 25.0°C

LABORATORY ANALYSES

Flag	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	83	µg/L	GE
0	Calcium	72	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	46	µg/L	GE
0	Iron	38	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	3.5	µg/L	GE
0	Magnesium	2.4	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

QUALITY CONTROL SAMPLES

WELL EPT 27 collected on 08/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	5,200	µg/L	GE
0	Silica	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	140	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	2.7	µg/L	GE
0	Zinc	2.1	µg/L	GE

WELL EPT 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 14:25
pH: 5.5
Alkalinity: 1 meq/L
Water temperature: 30.2°C

LABORATORY ANALYSES

Flag	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	19	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	5.0	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	170	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	86	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	CE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.1	µg/L	GE

WELL EPT 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:45
pH: 5.1
Alkalinity: 1 meq/L
Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	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	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	9.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE

WELL EPT 29 collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Mercury	<0.20	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	770	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	340	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:00
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	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	19	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	5,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	170	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:00
pH: 5.3
Alkalinity: 1 meq/L
Water temperature: 23.0°C

LABORATORY ANALYSES

Flag	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	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	18	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	4.4	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	170	µg/L	GE

WELL EPT 31 collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<2.0	µg/L	GE

WELL EPT 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 Time: 10:40
Depth to water: Not available pH: 4.7
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.5°C

LABORATORY ANALYSES

Flag	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	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	5.0	µg/L	GE
0	Lead	7.0	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	370	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	85	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 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 Time: 9:45
Depth to water: Not available pH: 4.2
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	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	6.3	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.6	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	77	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE

WELL EPT 33 collected on 08/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 9:25
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	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	<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	140	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 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 Time: 7:20
Depth to water: Not available pH: 4.9
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	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	6.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	240	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	<2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:45
pH: 7.0
Alkalinity: 1 meq/L
Water temperature: 24.6°C

LABORATORY ANALYSES

Flag	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	4.4	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	230	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	380	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 10:25
pH: 5.0
Alkalinity: 1 meq/L
Water temperature: 25.5°C

LABORATORY ANALYSES

Flag	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	<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	250	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	<2.0	µg/L	GE

WELL EPT 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:30
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 23.8°C

LABORATORY ANALYSES

Flag	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	55	µg/L	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	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	180	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	74	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.2	µg/L	GE

WELL EPT 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:15
pH: 5.4
Alkalinity: 1 meq/L
Water temperature: 23.9°C

LABORATORY ANALYSES

Flag	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	36	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	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	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	<2.0	µg/L	GE

WELL EPT 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 7:50
Depth to water: Not available pH: 6.6
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 22.7°C

LABORATORY ANALYSES

Flag	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	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	7.8	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	830	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	<2.0	µg/L	GE

WELL EPT 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 Time: 9:40
Depth to water: Not available pH: 6.2
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 25.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	24	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	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	3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	730	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	39	µg/L	GE

WELL EPT 43

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 Time: 10:05
Depth to water: Not available pH: 6.1
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 26.8°C

LABORATORY ANALYSES

Flag	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	16	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.2	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	380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	66	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 44

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 Time: 12:20
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm Water temperature: 31.5°C

LABORATORY ANALYSES

Flag	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	4.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.6	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	370	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	11	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 45

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90 — Time: 8:40
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm — Water temperature: 24.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	24	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	24	µg/L	GE
0	Calcium	21	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	5.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.9	µg/L	GE
0	Magnesium	2.6	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	380	µg/L	GE
0	Silica	410	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	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	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 46

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90 — Time: 11:30
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm — Water temperature: 28.0°C

LABORATORY ANALYSES

Flag	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	28	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	25	µg/L	GE
1	Iron	200	µg/L	GE
0	Lead	<3.0	µg/L	GE

WELL EPT 46 collected on 08/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.0	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	600	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	10	µg/L	GE

WELL EPT 47

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 — Time: 10:00
Depth to water: Not available — pH: 6.0
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 26.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	29	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	4.9	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	12	µg/L	GE
1	Lithium	5.7	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
0	Silica	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.5	µg/L	GE

WELL EPT 48

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90 — Time: 8:20
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 11 µS/cm — Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	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	52	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	65	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	9.8	µg/L	GE
0	Manganese	7.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE

WELL EPT 48 collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	280	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	6.7	µg/L	GE

WELL EPT 49

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90 Time: 9:45
Depth to water: Not available pH: 5.0
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 25.0°C

LABORATORY ANALYSES

Flag	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	33	µg/L	GE
0	Calcium	30	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	8.8	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.0	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
0	Silica	130	µg/L	GE
0	Silica	160	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	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	<2.0	µg/L	GE
0	Zinc	2.2	µg/L	GE

WELL EPT 50

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 Time: 7:30
Depth to water: Not available pH: 3.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	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	8.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	410	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	2.6	µg/L	GE

WELL EPT 51

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 Time: 8:15
Depth to water: Not available pH: 5.6
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	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	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	13	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	190	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	230	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:20
pH: 6.8
Alkalinity: 1 meq/L
Water temperature: 23.6°C

LABORATORY ANALYSES

Flag	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	250	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	9.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
1	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	440	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	3.6	µg/L	GE

WELL EPT 53

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 10:45
pH: 5.4
Alkalinity: 1 meq/L
Water temperature: 26.2°C

LABORATORY ANALYSES

Flag	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	19	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	16	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	2,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.6	µg/L	GE

WELL EPT 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 10:00
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 26.6°C

LABORATORY ANALYSES

Flag	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	48	µg/L	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	6.6	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	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	3.0	µg/L	GE

WELL EPT 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 9:50
pH: 5.5
Alkalinity: 1 meq/L
Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	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	8.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	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	2.0	µg/L	GE

WELL EPT 56

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/90 — Time: 9:20
Depth to water: Not available — pH: 8.7
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm — Water temperature: 24.7°C

LABORATORY ANALYSES

Flag	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	28	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	6.8	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
0	Silica	790	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	170	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	2.1	µg/L	GE

WELL EPT 57

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 — Time: 9:10
Depth to water: Not available — pH: 6.6
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm — Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	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	6.0	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	2.2	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

WELL EPT 57 collected on 09/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Selenium	< 2.0	µg/L	GE
0	Silica	400	µg/L	GE
0	Silica	460	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	200	µg/L	GE
0	Sodium	240	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 58

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 — Time: 10:50
Depth to water: Not available — pH: 6.6
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 26.8°C

LABORATORY ANALYSES

Flag	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	46	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	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	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	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	2.9	µg/L	GE

WELL EPT 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 — Time: 10:40
Depth to water: Not available — pH: 7.1
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm — Water temperature: 24.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Aluminum	230	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	79	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	96	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	8.4	µg/L	GE
0	Manganese	< 2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 59 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Mercury	<0.20	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	150	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.2	µg/L	GE

WELL EPT 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 10:30
Depth to water: Not available pH: 3.5
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 28.8°C

LABORATORY ANALYSES

Flag	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	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	11	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	340	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	33	µg/L	GE

WELL EPT 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 Time: 9:30
Depth to water: Not available pH: 6.9
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm Water temperature: 19.7°C

LABORATORY ANALYSES

Flag	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	48	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	4.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.7	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	190	µg/L	GE

WELL EPT 61 collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	150	µg/L	GE
0	Thallium	<2.0	µg/L	GE
1	Tin	2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.7	µg/L	GE

WELL EPT 62

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 Time: 10:00
Depth to water: Not available pH: 6.8
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	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	7.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	270	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 63

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 Time: 9:30
Depth to water: Not available pH: 6.8
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 17.9°C

LABORATORY ANALYSES

Flag	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
1	Iron	180	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	11	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	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

WELL EPT 63 collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Vanadium	<10	µg/L	GE
0	Zinc	3.6	µg/L	GE

WELL EPT 64

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 Time: 9:00
Depth to water: Not available pH: 6.3
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 18.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Aluminum	150	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	62	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
2	Iron	310	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	16	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
0	Silica	430	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	86	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	11	µg/L	GE

WELL EPT 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/90 Time: 9:55
Depth to water: Not available pH: 7.0
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 17.1°C

LABORATORY ANALYSES

Flag	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	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	6.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	370	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	71	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90 Time: 8:05
Depth to water: Not available pH: 6.8
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 3 µS/cm Water temperature: 15.1°C

LABORATORY ANALYSES

Flag	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	39	µg/L	GE
1	Chromium	8.3	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	4.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	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	<2.0	µg/L	GE

WELL EPT101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 Time: 9:35
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 27.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	32	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Lithium	8.2	µg/L	MT
0	Magnesium	2.6	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	786	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	36	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL EPT102

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 Time: 8:30
Depth to water: Not available pH: 6.6
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 24.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	28	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	5.8	µg/L	MT
1	Lithium	9.2	µg/L	MT
0	Magnesium	8.5	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	104	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

WELL EPT103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 Time: 8:20
Depth to water: Not available pH: 6.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 24.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	27	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	6.6	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nickel	5.2	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silica	373	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT

WELL EPT103 collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sodium	66	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

WELL EPT104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 Time: 8:00
Depth to water: Not available pH: 6.8
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 22 µS/cm Water temperature: 25.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	40	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Lithium	12	µg/L	MT
0	Magnesium	6.2	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	87	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	4.7	µg/L	MT

WELL EPT105

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 Time: 8:15
Depth to water: Not available pH: 6.6
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 26.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	28	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	2.8	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	80	µg/L	MT

WELL EPT105 collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	4.2	µg/L	MT

WELL EPT106

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 Time: 7:00
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 20 µS/cm Water temperature: 24.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	25	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Lithium	3.3	µg/L	MT
0	Magnesium	8.1	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	223	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	77	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

WELL EPT107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 Time: 8:40
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 25.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	42	µg/L	MT
0	Calcium	28	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Lithium	6.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	9.1	µg/L	MT

WELL EPT107 collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	<1.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	208	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	52	µg/L	MT
0	Sodium	<29	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

WELL EPT108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 Time: 9:50
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 25.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	36	µg/L	MT
0	Calcium	42	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	7.4	µg/L	MT
0	Magnesium	6.4	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	216	µg/L	MT
0	Silver	0.70	µg/L	MT
0	Sodium	110	µg/L	MT
0	Sodium	124	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.3	µg/L	MT
0	Zinc	4.3	µg/L	MT

QUALITY CONTROL SAMPLES

WELL EPT109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 Time: 9:45
Depth to water: Not available pH: 5.2
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 3 µS/cm Water temperature: 25.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	27	µg/L	MT
0	Calcium	32	µg/L	MT
0	Chromium	<6.0	µg/L	MT
0	Chromium	<6.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	4.8	µg/L	MT
0	Magnesium	6.8	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	37	µg/L	MT
0	Sodium	95	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	9.0	µg/L	MT
0	Zinc	4.4	µg/L	MT

WELL EPT110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 Time: 10:45
Depth to water: Not available pH: 6.6
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 26.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	47	µg/L	MT
0	Chromium	<6.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT

WELL EPT110 collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lithium	<3.8	µg/L	MT
0	Magnesium	4.7	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	263	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	127	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	4.8	µg/L	MT

WELL EPT111

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 Time: 8:00
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	33	µg/L	MT
0	Chromium	<6.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	12	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	287	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	87	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	5.5	µg/L	MT

WELL EPT112

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 Time: 8:00
Depth to water: Not available pH: 6.4
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	32	µg/L	MT
0	Chromium	<6.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	10	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT

WELL EPT112 collected on 07/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	262	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	97	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	5.7	µg/L	MT

WELL EPT113

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 Time: 8:50
Depth to water: Not available pH: 6.6
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	55	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Lithium	<38	µg/L	MT
0	Magnesium	10	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	409	µg/L	MT
0	Silica	208	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	160	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

WELL EPT114

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 Time: 9:15
Depth to water: Not available pH: 6.0
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 25.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
1	Antimony	3.4	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	70	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	20	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	314	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	104	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.2	µg/L	MT

WELL EPT115

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 Time: 8:35
Depth to water: Not available pH: 6.3
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 23.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	70	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	26	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	4.3	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	19	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	73	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL EPT116

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 Time: 8:30
Depth to water: Not available pH: 6.1
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	48	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	8.3	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	384	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	96	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

WELL EPT117

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 Time: 8:55
Depth to water: Not available pH: 6.0
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	26	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	9.8	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	65	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

WELL EPT118

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 Time: 7:50
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	24	µg/L	MT
0	Calcium	36	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	3.4	µg/L	MT
0	Magnesium	5.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	56	µg/L	MT
0	Sodium	61	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

WELL EPT119

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 8:40
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 25.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	28	µg/L	MT
0	Calcium	31	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	10	µg/L	MT
0	Magnesium	10	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT

WELL EPT119 collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<205	µg/L	MT
0	Silica	408	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	37	µg/L	MT
0	Sodium	41	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT

WELL EPT120

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 Time: 11:40
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 28.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	77	µg/L	MT
0	Chromium	<6.0	µg/L	MT
0	Chromium	<6.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	17	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	8.2	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	274	µg/L	MT
0	Silica	260	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	86	µg/L	MT
0	Sodium	73	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	Zinc	6.1	µg/L	MT

WELL EPT121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90 Time: 8:40
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 8 µS/cm Water temperature: 24.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<44	µg/L	MT
0	Aluminum	61	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	49	µg/L	MT
0	Chromium	<6.0	µg/L	MT
0	Chromium	<6.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Iron	<6.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<3.8	µg/L	MT
0	Magnesium	9.8	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	39,800	µg/L	MT
1	Silica	41,100	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	323	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Uranium	<72	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.3	µg/L	MT
0	Zinc	7.0	µg/L	MT

WELL EPT122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 Time: 10:30
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 1 µS/cm Water temperature: 26.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Aluminum	188	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.60	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	88	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	5.5	µg/L	MT
0	Iron	11	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	9.3	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL EPT122 collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	134	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	285	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	9.0	µg/L	MT

WELL EPT123

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 Time: 9:35
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 3 µS/cm Water temperature: 26.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	54	µg/L	MT
0	Aluminum	19	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	26	µg/L	MT
0	Calcium	13	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	2.8	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Iron	8.1	µg/L	MT
0	Iron	9.4	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	6.3	µg/L	MT
0	Magnesium	3.7	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	877	µg/L	MT
0	Silica	66	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	115	µg/L	MT
0	Sodium	48	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	4.4	µg/L	MT
0	Zinc	1.8	µg/L	MT

WELL EPT124

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 Time: 7:20
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 2 µS/cm Water temperature: 24.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Aluminum	192	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT

WELL EPT124 collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	40	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	6.6	µg/L	MT
0	Iron	23	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	32	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	72	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	248	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	3.1	µg/L	MT

WELL EPT125

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 Time: 10:00
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 4 µS/cm Water temperature: 23.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	35	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	31	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Iron	15	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	9.3	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	1,820	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	4.3	µg/L	MT

WELL EPT126

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 10:30
Depth to water: Not available pH: 6.8
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 27.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	11	µg/L	MT
0	Aluminum	12	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT

WELL EPT126 collected on 08/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	24	µg/L	MT
0	Calcium	25	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	3.0	µg/L	MT
0	Magnesium	3.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	93	µg/L	MT
0	Silica	56	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	1.8	µg/L	MT
0	Zinc	2.2	µg/L	MT

WELL EPT127

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 Time: 9:35
Depth to water: Not available pH: 5.7
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 23.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	20	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	2.4	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	2.7	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<21	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	<1.0	µg/L	MT

WELL EPT128

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 10:30
Depth to water: Not available pH: 5.2
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 3 µS/cm Water temperature: 28.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	32	µg/L	MT
0	Aluminum	60	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	18	µg/L	MT
0	Calcium	21	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	5.8	µg/L	MT
0	Copper	6.9	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	3.4	µg/L	MT
0	Magnesium	3.1	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	78	µg/L	MT
0	Silica	81	µg/l	MT
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Sodium	101	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	2.4	µg/L	MT
0	Zinc	2.9	µg/L	MT

WELL EPT129

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 8:45
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	11	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	11	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Iron	<5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL EPT129 collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	3.3	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	104	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Zinc	2.9	µg/L	MT

WELL EPT130

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 — Time: 10:05
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 3 µS/cm — Water temperature: 26.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	< 10	µg/L	MT
0	Aluminum	< 10	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	19	µg/L	MT
0	Calcium	18	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	2.3	µg/L	MT
0	Magnesium	2.1	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	637	µg/L	MT
0	Silica	381	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Sodium	31	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Zinc	3.3	µg/L	MT
0	Zinc	3.0	µg/L	MT

WELL EPT131

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 8:00
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm — Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	18	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	12	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	3.1	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	82	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Zinc	4.2	µg/L	MT

WELL EPT132

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 8:35
Depth to water: Not available — pH: 8.4
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	26	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	11	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	2.6	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	3,280	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	1,970	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Zinc	2.8	µg/L	MT

WELL EPT133

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90 — Time: 9:40
Depth to water: Not available — pH: 5.2
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm — Water temperature: 24.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	31	µg/L	MT
0	Aluminum	21	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	11	µg/L	MT
0	Calcium	14	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Iron	11	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	3.6	µg/L	MT
0	Magnesium	4.2	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	83	µg/L	MT
0	Silica	86	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Sodium	98	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	3.9	µg/L	MT
0	Zinc	4.2	µg/L	MT

WELL EPT134

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 10:00
Depth to water: Not available — pH: 6.0
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 26.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	68	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	16	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	2.3	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	2.5	µg/L	MT
0	Manganese	<1.0	µg/L	MT

WELL EPT134 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	73	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	4.4	µg/L	MT

WELL EPT135

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 — Time: 8:45
Depth to water: Not available — pH: 7.6
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 24.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	10	µg/L	MT
0	Aluminum	10	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	92	µg/L	MT
0	Calcium	96	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	4.3	µg/L	MT
0	Magnesium	4.9	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	70	µg/L	MT
0	Silica	66	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Sodium	78	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	1.2	µg/L	MT
0	Zinc	2.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL EPT136

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 Time: 9:30
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm Water temperature: 24.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	44	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	11	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	2.4	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	113	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Zinc	3.8	µg/L	MT

WELL EPT137

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 Time: 8:50
Depth to water: Not available pH: 6.1
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 3 µS/cm Water temperature: 25.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	30	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	14	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Iron	6.5	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	7.1	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	133	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Zinc	2.2	µg/L	MT

WELL EPT138

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 12:10
Depth to water: Not available pH: 6.1
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 28.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	42	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	25	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Lead	< 3.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	3.5	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	89	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Zinc	1.7	µg/L	MT

WELL EPT139

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 9:20
Depth to water: Not available pH: 5.2
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	57	µg/L	MT
0	Aluminum	46	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	15	µg/L	MT
0	Calcium	14	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Copper	2.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Lead	< 3.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	3.1	µg/L	MT
0	Magnesium	3.0	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	40	µg/L	MT
0	Silica	115	µg/L	MT
0	Silver	< 2.5	µg/L	MT

WELL EPT139 collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Sodium	89	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 60	µg/L	MT
0	Uranium	< 60	µg/L	MT
0	Vanadium	< 0.60	µg/L	MT
0	Vanadium	< 0.60	µg/L	MT
0	Zinc	3.1	µg/L	MT
0	Zinc	3.1	µg/L	MT

WELL EPT140

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 — Time: 10:55
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 2 µS/cm — Water temperature: 26.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	17	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	8.6	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	2.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Lead	< 3.0	µg/L	MT
0	Lead	< 3.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	2.6	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	40	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
1	Thallium	2.6	µg/L	MT
1	Thallium	2.6	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 60	µg/L	MT
0	Vanadium	< 0.60	µg/L	MT
0	Zinc	1.4	µg/L	MT

WELL EPT141

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 — Time: 10:20
Depth to water: Not available — pH: 6.7
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	84	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	32	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	2.8	µg/L	MT
0	Iron	20	µg/L	MT
0	Lead	< 3.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	6.0	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT

WELL EPT141 collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	125	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 60	µg/L	MT
0	Vanadium	< 0.60	µg/L	MT
0	Zinc	4.2	µg/L	MT

WELL EPT142

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 10:05
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 3 µS/cm — Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	17	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	13	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Iron	8.1	µg/L	MT
0	Lead	< 3.0	µg/L	MT
0	Lead	< 3.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	4.4	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	208	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	218	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Uranium	< 60	µg/L	MT
0	Vanadium	< 0.60	µg/L	MT
0	Zinc	2.3	µg/L	MT

WELL EPT143

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90 — Time: 8:45
Depth to water: Not available — pH: 5.8
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm — Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	47	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	10	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Lead	< 3.0	µg/L	MT
0	Lithium	< 20	µg/L	MT
0	Magnesium	2.6	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 2.5	µg/L	MT

QUALITY CONTROL SAMPLES

WELL EPT143 collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	90	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	1.8	µg/L	MT

WELL EPT144

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90 Time: 9:50
Depth to water: Not available pH: 6.6
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	31	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	44	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	5.4	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	153	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	1.4	µg/L	MT

WELL EPT145

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 Time: 8:25
Depth to water: Not available pH: 6.3
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	24	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	34	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	4.8	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT

WELL EPT146 collected on 09/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	68	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
C	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	3.8	µg/L	MT

WELL EPT146

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 Time: 8:30
Depth to water: Not available pH: 6.0
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	46	µg/L	MT
0	Aluminum	62	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Barium	<1.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	18	µg/L	MT
0	Calcium	19	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Copper	2.3	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Lithium	<20	µg/L	MT
0	Magnesium	2.7	µg/L	MT
0	Magnesium	2.8	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	48	µg/L	MT
0	Silica	39	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	<10	µg/L	MT
0	Sodium	98	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Tin	<100	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	4.5	µg/L	MT
0	Zinc	6.1	µg/L	MT

WELL FB 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:00
pH: 5.1
Alkalinity: 1 meq/L
Water temperature: 29.7°C

LABORATORY ANALYSES

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

WELL FB 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:55
pH: 5.3
Alkalinity: 1 meq/L
Water temperature: 30.9°C

LABORATORY ANALYSES

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

WELL FB 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 12:40
pH: 4.8
Alkalinity: 1 meq/L
Water temperature: 32.9°C

LABORATORY ANALYSES

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

WELL FB 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 0 µS/cm
Time: 9:00
pH: 6.3
Alkalinity: 1 meq/L
Water temperature: 22.7°C

LABORATORY ANALYSES

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

WELL FB 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:15
pH: 6.2
Alkalinity: 1 meq/L
Water temperature: 20.8°C

LABORATORY ANALYSES

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

WELL FB 43

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:55
pH: 5.1
Alkalinity: 1 meq/L
Water temperature: 26.0°C

LABORATORY ANALYSES

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

WELL FB 44

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:20
pH: 7.1
Alkalinity: 1 meq/L
Water temperature: 26.7°C

LABORATORY ANALYSES

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

WELL FB 45

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:30
pH: 5.3
Alkalinity: 1 meq/L
Water temperature: 20.2°C

LABORATORY ANALYSES

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

QUALITY CONTROL SAMPLES

WELL FB 46

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:10
pH: 5.9
Alkalinity: 1 meq/L
Water temperature: 24.8°C

LABORATORY ANALYSES

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

WELL FB 47

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:25
pH: 6.6
Alkalinity: 1 meq/L
Water temperature: 24.3°C

LABORATORY ANALYSES

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

FLAGGING CRITERIA

EPD/EMS established two flagging criteria levels in 1986. These criteria are modified periodically, and the changes are documented in the quarterly reports. For additional information concerning flagging criteria refer to the **Sample Scheduling** section of this report.

The Flag 1 criteria are based on current analytical detection limits, approximate background concentration levels in SRS groundwaters, or EPA Drinking Water Standards (DWS).

The Flag 2 criteria are higher and are usually set at one-half the EPA DWS. If no drinking water standard exists for a particular constituent, the Flag 2 criterion is based on regional values.

Results for all analytes not listed in Table 44 are automatically set at Flag 1, with the following exceptions:

- If the result is below the analytical detection limit, it is coded with a 0, meaning that it is not flagged.

- Odor, corrosivity, total dissolved solids, surfactants, sulfides, nitrites, color, turbidity, and GC Scan analytes are automatically coded with a 0. These analytes are not flagged because EPA regards them as aesthetic measurements with no known health effects.

FLAGGING CRITERIA

Table 44. Flagging Criteria

Analyte	Unit	Flag 1 Criterion	Flag 1 Standard	Flag 2 Criterion	Flag 2 Standard
Aluminum	µg/L	80	~2 x BG[b]	400	~10 x BG
Arsenic	µg/L	1	DL[c]	25	½ EPA[d]
Barium	µg/L	50	~2 x BG	500	½ EPA[d]
Beryllium	µg/L	2	DL	20	10 x DL
Carbon tetrachloride	µg/L	1	DL	2.5	½ EPA[e]
Calcium	µg/L	10,000	BG		
Cadmium	µg/L	2	DL	5	½ EPA[d]
Chloride	µg/L	10,000	~2 x BG	125,000	½ EPA[f]
Chromium	µg/L	4	DL	25	½ EPA[d]
Copper	µg/L	20	~2 x BG	500	½ EPA[f]
Cyanide	µg/L	5	DL	100	½ USDWS[g]
Endrin	µg/L	0.04	DL	0.10	½ EPA[d]
Fluoride	µg/L	500	1/8 EPA[d]	2,000	½ EPA[d]
Iron	µg/L	150	½ EPA[f]	300	EPA[f]
Lead	µg/L	20	~2 x BG	25	½ EPA[d]
Lindane	µg/L	0.018	DL	2	½ EPA[d]
Magnesium	µg/L	5,000	BG		
Manganese	µg/L	25	½ EPA[f]	50	EPA[f]
Mercury	µg/L	0.4	2 x DL	1	½ EPA[d]
Methoxychlor	µg/L	0.10	DL	50	½ EPA[d]
Nickel	µg/L	8	2 x DL	175	HP[h]
Nitrate as nitrogen	µg/L	3,000	~2 x BG	10,000	EPA[d]
pH	pH	<4	BG	<3	
pH	pH	>6.5	BG	>8	
Phenols	µg/L	2	DL		
Potassium	µg/L	5,000	BG		
Selenium	µg/L	2	DL	5	½ EPA[d]
Silica	µg/L	10,000	BG		
Silver	µg/L	2	DL	25	½ EPA[d]
Silvex	µg/L	0.10	DL	5	½ EPA[d]
Sodium	µg/L	5,000	~2 x BG		
Specific conductance	µS/cm	100	~2 x BG		
Sulfate	µg/L	10,000	~2 x DL	125,000	½ EPA[f]
Total organic carbon	µg/L	5,000	~2 x BG	25,000	~10 x BG
Total organic halogens	µg/L	10	2 x DL	25	5 x DL
Total phosphates	µg/L	300	BG		
Toxaphene	µg/L	0.64	DL	2.5	½ EPA[d]
Zinc	µg/L	250	~2 x BG	2,500	½ EPA[f]

~ Approximately.
[b]Approximate background concentration at SRS.
[c]Analytical detection limit.
[d]Drinking water standard (U.S. Environmental Protection Agency, 1987a).
[e]Drinking water standard (U.S. Environmental Protection Agency, 1987b).
[f]Drinking water standard (U.S. Environmental Protection Agency, 1986b).
[g]Drinking water standard (U.S. Public Health Service, 1962).
[h]Historical precedence.

Table 44. Flagging Criteria (cont.)

Analyte	Unit	Flag 1 Criterion	Flag 1 Standard	Flag 2 Criterion	Flag 2 Standard
Antimony-125	pCi/L	30	1/10 EPA[a]	150	½ EPA[a]
Cobalt-60	pCi/L	10	1/10 EPA[a]	50	½ EPA[a]
Chromium-51	pCi/L	600	1/10 EPA[a]	3,000	½ EPA[a]
Cesium-134	pCi/L	10	1/8 EPA[b]	40	½ EPA[b]
Cesium-137	pCi/L	20	1/10 EPA[a]	100	½ EPA[a]
Gross alpha	pCi/L	5	~2 x BG[c]	15	EPA[d]
Iodine-131	pCi/L	1	1/3 EPA[a]	1.5	½ EPA[a]
Nonvolatile beta	pCi/L	10	~2 x BG	50	~10 x BG
Ruthenium-103	pCi/L	20	1/10 EPA[a]	100	½ EPA[a]
Ruthenium-106	pCi/L	3	1/10 EPA[a]	15	½ EPA[a]
Strontium-89/90	pCi/L	4	DL[e]	8	EPA[a]
Total radium	pCi/L	2.5	~2 x BG	5	EPA[c]
Tritium	pCi/L	10,000	½ EPA[c]	20,000	EPA[c]
Zirconium/Niobium-95	pCi/L	20	1/10 EPA[a]	100	½ EPA[a]

[a]Drinking water standard (U.S. Environmental Protection Agency, 1977).
[b]Drinking water standard (U.S. Environmental Protection Agency, 1986a).
[c]Approximate background concentration at SRS.
[d]Drinking water standard (U.S. Environmental Protection Agency, 1987a).
[e]Analytical detection limit.

NOTES

DRINKING WATER DATA

The analytical results of monitoring for radioactivity in drinking water from SRS wells are listed in Table 45. EPD/EMS Laboratory in Building 735-A conducted all analyses.

Table 45. Drinking Water Data

Sample Location	Sample Date	Analysis	Result
A Area	08/14/90	Gross alpha	1.21 ±0.39 pCi/L
		Nonvolatile beta	1.22 ±0.90 pCi/L
		Tritium	−0.05 ±0.19 pCi/mL
Allendale Gate	08/14/90	Gross alpha	0.14 ±0.16 pCi/L
		Nonvolatile beta	0.62 ±0.75 pCi/L
		Tritium	0.12 ±0.20 pCi/mL
Barnwell Gate	08/14/90	Gross alpha	0.06 ±0.11 pCi/L
		Nonvolatile beta	0.42 ±0.67 pCi/L
		Tritium	0.03 ±0.20 pCi/mL
Central Shops	08/14/90	Gross alpha	0.00 ±0.11 pCi/L
		Nonvolatile beta	−0.02 ±0.60 pCi/L
		Tritium	−0.10 ±0.19 pCi/mL
Classification Yard	08/14/90	Gross alpha	0.56 ±0.33 pCi/L
		Nonvolatile beta	2.11 ±1.14 pCi/L
		Tritium	−0.07 ±0.19 pCi/mL
Emergency Operations Center (EOC)	08/14/90	Gross alpha	0.39 ±0.25 pCi/L
		Nonvolatile beta	0.04 ±0.61 pCi/L
		Tritium	0.05 ±0.19 pCi/mL
Firing Range	08/14/90	Gross alpha	2.12 ±0.48 pCi/L
		Nonvolatile beta	2.17 ±1.08 pCi/L
		Tritium	0.97 ±0.21 pCi/mL
Forestry Building	08/14/90	Gross alpha	3.30 ±0.62 pCi/L
		Nonvolatile beta	2.74 ±1.21 pCi/L
		Tritium	1.19 ±0.21 pCi/mL
Jackson Gate	08/14/90	Gross alpha	0.53 ±0.24 pCi/L
		Nonvolatile beta	0.95 ±0.81 pCi/L
		Tritium	−0.23 ±0.19 pCi/mL

Table 45. Drinking Water Data (cont.)

Sample Location	Sample Date	Analysis	Result
Par Pond Laboratory	08/14/90	Gross alpha	1.02 ±0.37 pCi/L
		Nonvolatile beta	1.29 ±0.92 pCi/L
		Tritium	0.11 ±0.19 pCi/mL
Talatha Gate	08/14/90	Gross alpha	5.64 ±0.86 pCi/L
		Nonvolatile beta	4.69 ±1.61 pCi/L
		Tritium	0.79 ±0.21 pCi/mL
TC-1 (704-B)	08/14/90	Gross alpha	1.17 ±0.37 pCi/L
		Nonvolatile beta	1.92 ±1.04 pCi/L
		Tritium	−0.06 ±0.19 pCi/mL
TNX	08/14/90	Gross alpha	0.67 ±0.36 pCi/L
		Nonvolatile beta	3.58 ±1.45 pCi/L
		Tritium	−0.18 ±0.19 pCi/mL
Williston Gate	08/14/90	Gross alpha	−0.07 ±0.09 pCi/L
		Nonvolatile beta	0.55 ±0.74 pCi/L
		Tritium	0.01 ±0.20 pCi/mL
Z Area	08/14/90	Gross alpha	1.43 ±0.44 pCi/L
		Nonvolatile beta	2.03 ±1.09 pCi/L
		Tritium	0.08 ±0.20 pCi/mL
105-C Building	07/09/90	Gross alpha	2.17 ±0.87 pCi/L
		Nonvolatile beta	1.27 ±0.83 pCi/L
		Tritium	0.11 ±0.19 pCi/mL
	08/14/90	Gross alpha	1.05 ±0.35 pCi/L
		Nonvolatile beta	1.19 ±0.88 pCi/L
		Tritium	−0.13 ±0.19 pCi/mL
	09/06/90	Gross alpha	2.70 ±1.21 pCi/L
		Nonvolatile beta	1.82 ±0.86 pCi/L
		Tritium	0.01 ±0.21 pCi/mL
105-K Building	07/09/90	Gross alpha	0.59 ±0.49 pCi/L
		Nonvolatile beta	2.34 ±1.00 pCi/L
		Tritium	−0.01 ±0.19 pCi/mL
	08/14/90	Gross alpha	0.97 ±0.34 pCi/L
		Nonvolatile beta	1.60 ±0.97 pCi/L
		Tritium	−0.06 ±0.19 pCi/mL
	09/06/90	Gross alpha	1.28 ±0.86 pCi/L
		Nonvolatile beta	5.11 ±1.27 pCi/L
		Tritium	0.01 ±0.20 pCi/mL

Table 45. Drinking Water Data (cont.)

Sample Location	Sample Date	Analysis	Result
105-L Building	07/09/90	Gross alpha	0.92 ±0.60 pCi/L
		Nonvolatile beta	1.22 ±0.82 pCi/L
		Tritium	−0.05 ±0.19 pCi/mL
	08/14/90	Gross alpha	0.31 ±0.20 pCi/L
		Nonvolatile beta	1.26 ±0.89 pCi/L
		Tritium	−0.29 ±0.19 pCi/mL
	09/06/90	Gross alpha	0.98 ±0.76 pCi/L
		Nonvolatile beta	3.30 ±1.05 pCi/L
		Tritium	−0.12 ±0.21 pCi/mL
105-P Building	07/09/90	Gross alpha	0.60 ±0.50 pCi/L
		Nonvolatile beta	2.40 ±1.01 pCi/L
		Tritium	0.12 ±0.19 pCi/mL
	08/14/90	Gross alpha	0.51 ±0.25 pCi/L
		Nonvolatile beta	1.12 ±0.86 pCi/L
		Tritium	0.52 ±0.20 pCi/mL
	09/06/90	Gross alpha	0.53 ±0.57 pCi/L
		Nonvolatile beta	1.47 ±0.80 pCi/L
		Tritium	0.12 ±0.21 pCi/mL
221-F Building	07/09/90	Gross alpha	5.87 ±1.58 pCi/L
		Nonvolatile beta	7.49 ±1.75 pCi/L
		Tritium	0.05 ±0.19 pCi/mL
	08/14/90	Gross alpha	3.21 ±0.70 pCi/L
		Nonvolatile beta	3.84 ±1.48 pCi/L
		Tritium	−0.12 ±0.19 pCi/mL
	09/06/90	Gross alpha	2.30 ±1.22 pCi/L
		Nonvolatile beta	6.35 ±1.44 pCi/L
		Tritium	−0.20 ±0.20 pCi/mL
221-H Building	07/09/90	Gross alpha	1.09 ±0.61 pCi/L
		Nonvolatile beta	2.47 ±1.01 pCi/L
		Tritium	0.33 ±0.20 pCi/mL
	08/14/90	Gross alpha	2.31 ±0.53 pCi/L
		Nonvolatile beta	4.88 ±1.64 pCi/L
		Tritium	0.19 ±0.20 pCi/mL
	09/06/90	Gross alpha	2.88 ±1.28 pCi/L
		Nonvolatile beta	5.00 ±1.26 pCi/L
		Tritium	−0.06 ±0.20 pCi/mL
241-24H	07/09/90	Gross alpha	2.38 ±0.89 pCi/L
		Nonvolatile beta	5.62 ±1.46 pCi/L
		Tritium	0.08 ±0.19 pCi/mL
681-1G Pump House	08/14/90	Gross alpha	1.07 ±0.38 pCi/L
		Nonvolatile beta	4.06 ±1.50 pCi/L
		Tritium	−0.06 ±0.19 pCi/mL

Table 45. Drinking Water Data (cont.)

Sample Location	Sample Date	Analysis	Result
681-3G Pump House	08/14/90	Gross alpha	0.45 ±0.24 pCi/L
		Nonvolatile beta	2.32 ±1.13 pCi/L
		Tritium	−0.16 ±0.19 pCi/mL
701-1F Building	08/14/90	Gross alpha	3.09 ±0.70 pCi/L
		Nonvolatile beta	4.25 ±1.57 pCi/L
		Tritium	−0.12 ±0.19 pCi/mL
701-1H Building	08/14/90	Gross alpha	2.14 ±0.51 pCi/L
		Nonvolatile beta	4.76 ±1.62 pCi/L
		Tritium	0.11 ±0.20 pCi/mL
701-12G Barricade 7	08/14/90	Gross alpha	0.07 ±0.12 pCi/L
		Nonvolatile beta	0.54 ±0.72 pCi/L
		Tritium	2.03 ±0.22 pCi/mL
701-13G Barricade 6	08/14/90	Gross alpha	1.16 ±0.36 pCi/L
		Nonvolatile beta	0.97 ±0.81 pCi/L
		Tritium	2.34 ±0.23 pCi/mL
701-8G Barricade 8	08/14/90	Gross alpha	0.85 ±0.30 pCi/L
		Nonvolatile beta	0.56 ±0.71 pCi/L
		Tritium	3.13 ±0.24 pCi/mL
704-F Building	07/09/90	Gross alpha	2.51 ±1.04 pCi/L
		Nonvolatile beta	4.80 ±1.39 pCi/L
		Tritium	−0.22 ±0.19 pCi/mL
	09/06/90	Gross alpha	6.69 ±2.11 pCi/L
		Nonvolatile beta	8.59 ±1.69 pCi/L
		Strontium-89/90	−0.50 ±3.14 pCi/L
		Tritium	−0.21 ±0.20 pCi/mL
704-H Building	09/06/90	Gross alpha	7.20 ±2.10 pCi/L
		Nonvolatile beta	9.14 ±1.73 pCi/L
		Strontium-89/90	−1.75 ±3.46 pCi/L
		Tritium	−0.21 ±0.21 pCi/mL
704-S DWPF	08/14/90	Gross alpha	2.64 ±0.58 pCi/L
		Nonvolatile beta	3.06 ±1.29 pCi/L
		Tritium	0.01 ±0.19 pCi/mL

ANALYTICAL RESULTS

This section presents the field and analytical results for samples collected during third quarter 1990. The tables are presented in alphabetical order by well series and in numerical order within each series. The **Location 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 **Sample Analysis** 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.

μg/L = micrograms per liter
μS/cm = microsiemens per centimeter (equivalent to micromhos per centimeter)
B = analyte detected in associated blank as well as in sample
E = exponential notation (e.g., 200000 $\pm$20E3 pCi/mL = 200000 $\pm$20000 pCi/mL)
EM = EPD/EMS Laboratory
GE = General Engineering
J = estimated value
MA = M-Area Laboratory
mg/L = milligrams per liter
MT = metaTRACE
pCi/L = picocuries per liter
pCi/mL = picocuries per milliliter
pH = pH units
ng/L = nanograms per liter
NTU = turbidity units
TE = Teledyne Isotopes

Note: The results reported by metaTRACE this quarter for total phosphates in the analytical data should have been reported as results for total phosphorus.

ANALYTICAL RESULTS

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90
Depth to water: 140.93 ft (42.96 m) below TOC
Water elevation: 218.97 ft (66.74 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 122 gal
Time: 11:00
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<1.5	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.73	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<2.2	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<5.6	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	pH	5.1	pH	MT
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	90	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<2.5	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	MT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetone	<10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	MT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	MT
0	Acrolein	<20	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrolein	<100	µg/L	MT
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<5.0	µg/L	MT
0	Aldrin	<0.50	µg/L	GE

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.050	µg/L	MT
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<100	µg/L	MT
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	MT
0	Aluminum	14	µg/L	MT
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	5.8	µg/L	GE
0	Barium	5.7	µg/L	GE
0	Barium	4.9	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	MT
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	MT
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo biffuoranthene	<10	µg/L	MT
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	MT
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
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	MT
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	MT
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	MT
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	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	17	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
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	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	920	µg/L	GE
0	Calcium	860	µg/L	GE
0	Calcium	781	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	GE

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<1.0	µg/L	MT
0	Chloride	1,400	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chloride	1,340	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	MA
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	MT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
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	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	4.7	µg/L	GE
0	Copper	5.2	µg/L	GE
0	Copper	10	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
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	MT
1	Di-n-butyl phthalate	26	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
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	MT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	MT
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	MT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	MT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	MT
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	MT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	MT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	MT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.10	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<5.0	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	MT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.050	µg/L	MT
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	MT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Hexachlorophene	<100	µg/L	GE
0	Hexachlorophene	<100	µg/L	GE
0	Hexachlorophene	<10	µg/L	MT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	MT
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	MT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<5.0	µg/L	MT
0	Iron	45	µg/L	GE
0	Iron	51	µg/L	GE
0	Iron	<5.0	µg/L	MT
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	MT

ANALYTICAL RESULTS

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Isosafrole	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	MT
0	Kepone	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Kepone	< 10	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Lead	3.6	µg/L	MT
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 20	µg/L	MT
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	MT
0	Magnesium	280	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Magnesium	289	µg/L	MT
0	Manganese	9.2	µg/L	GE
0	Manganese	9.5	µg/L	GE
0	Manganese	2.5	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methacrylonitrile	< 50	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methacrylonitrile	< 5.0	µg/L	MT
0	Methapyrilene	< 10	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methapyrilene	< 10	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.050	µg/L	MT
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	MT
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methacrylate	< 5.0	µg/L	MT
0	Methyl methanesulfonate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	MT
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	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	MT
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	MT
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	MT
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	860	µg/L	GE
0	Nitrate as nitrogen	820	µg/L	GE
0	Nitrate as nitrogen	1,760	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	o-Cresol (2-Methylphenol)	< 10	µg/L	MT
0	o-Toluidine	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	MT
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	MT
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	MT
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	MT
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	MT
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	MT
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	MT
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion	< 10	µg/L	MT
0	Parathion methyl	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	Parathion methyl	< 10	µg/L	MT
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1260	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	PCB 1260	< 1.0	µg/L	MT
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	MT
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenacetin	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phorate	< 0.50	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	Phorate	< 10	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	MT
0	Pronamid	< 10	µg/L	GE
0	Pronamid	< 10	µg/L	GE

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Pronamid	<10	µg/L	MT
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<5.0	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	MT
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	5,700	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silica	5,870	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	989	µg/L	MT
0	Styrene	<1.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Styrene	<5.0	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	MT
0	Sulfotepp	<10	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
1	Tetrachloroethylene	1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Tetraethyl dithiopyrophosphate	<10	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	MT
0	Thionazin	<10	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	26,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total dissolved solids	23,000	µg/L	MT
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	MT
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	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<1.0	µg/L	MT
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	<1.0	µg/L	MA
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	MT
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	MT
0	Trichloroethylene	<1.0	µg/L	GE
1	Trichloroethylene	1.0	µg/L	GE
0	Trichloroethylene	<10	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc	3.1	µg/L	GE
0	Zinc	4.5	µg/L	GE
0	Zinc	6.8	µg/L	MT
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	MT
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	MT
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	MT
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
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	MT
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	MT
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	MT
0	1,2-Dibromo-3-chloropropane	<10	µg/L	MT
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	MT
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	MT
0	1,2-Dichloroethylene	<5.0	µg/L	MT
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	MT
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	MT
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	MT
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	MT
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	MT
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	MT
0	1,4-Benzoquinone	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	MT
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	MT
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Hexanone	<1.0	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Hexanone	<10	µg/L	MT
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	MT
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	MT

ANALYTICAL RESULTS

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	MT
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	MT
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	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
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	< 0.46	µg/L	MT
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	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
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)	< 0.070	µg/L	MT
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	MT
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	< 0.070	µg/L	MT
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	MT
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	MT
0	3-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 50	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	MT
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	MT
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	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	MT
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	MT
0	4-Methyl-2-pentanone	< 10	µg/L	MT
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 50	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
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	MT
0	4,6-Dinitro-ortho-cresol	< 50	µg/L	MT
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	MT
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	MT

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 4.0	pCi/L	MT
1	Total radium	2.5 ± 3.5	pCi/L	GE
0	Total radium	1.8 ± 3.3	pCi/L	GE
0	Total radium	1.2 ± 0.20	pCi/L	MT
0	Tritium	1.7 ± 0.20	pCi/mL	GE
0	Tritium	1.9 ± 0.20	pCi/mL	GE
0	Tritium	1.8 ± 0.20	pCi/mL	MT

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 — Time: 11:00
Depth to water: 140.93 ft (42.96 m) below TOC — pH: 4.9
Water elevation: 218.97 ft (66.74 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 18 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 122 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 12-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.54	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 1.7	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.88	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.60	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.73	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 1.4	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 2.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.61	ng/L	MT
0	pH	5.2	pH	GE
0	pH	4.8	pH	MT
0	pH	4.8	pH	MT
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	53	µS/cm	MT
0	Specific conductance	54	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 1.7	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 1.3	ng/L	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	MT
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Acetone	< 1.0	µg/L	GE
0	Acetone	< 10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	MT
0	Acetophenone	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	MT
0	Acrolein	< 20	µg/L	GE
0	Acrolein	< 100	µg/L	MT
0	Acrylonitrile	< 20	µg/L	GE
0	Acrylonitrile	< 5.0	µg/L	MT
0	Aldrin	< 0.50	µg/L	GE
0	Aldrin	< 0.050	µg/L	MT
0	Allyl chloride	< 50	µg/L	GE
0	Allyl chloride	< 100	µg/L	MT
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	Aluminum	20	µg/L	MT
0	Aniline	< 10	µg/L	GE
0	Aniline	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	GE

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	5.3	µg/L	GE
0	Barium	5.4	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	910	µg/L	GE
0	Calcium	865	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<1.0	µg/L	MT
0	Chloride	1,400	µg/L	GE
0	Chloride	1,370	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	4.3	µg/L	GE
0	Copper	7.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	MT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	MT
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	MT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	MT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	MT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.10	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	MT
0	Ethyl methacrylate	<5.0	µg/L	MT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.050	µg/L	MT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Hexachlorophene	<100	µg/L	GE
0	Hexachlorophene	<10	µg/L	MT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<5.0	µg/L	MT
0	Iron	25	µg/L	GE
0	Iron	<5.0	µg/L	MT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	MT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	MT
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	MT
0	Lead	9.0	µg/L	GE
0	Lead	3.2	µg/L	MT

ANALYTICAL RESULTS

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	MT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	MT
0	Magnesium	280	µg/L	GE
0	Magnesium	324	µg/L	MT
0	Manganese	2.6	µg/L	GE
0	Manganese	2.9	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<5.0	µg/L	MT
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.050	µg/L	MT
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	MT
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<5.0	µg/L	MT
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	MT
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	MT
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	MT
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	MT
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	890	µg/L	GE
0	Nitrate as nitrogen	1,520	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	MT
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	MT
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	MT
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	MT
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	MT
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	MT
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	MT
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	MT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion	<10	µg/L	MT
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<10	µg/L	MT
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	MT
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	MT
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	MT
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	MT
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	MT
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<1.0	µg/L	MT
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<1.0	µg/L	MT
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	MT

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloroethane	<10	µg/L	MT
0	Pentachloroethane	<5.0	µg/L	MT
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	MT
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	MT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phenols	<10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phorate	<0.50	µg/L	GE
0	Phorate	<10	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Pronamid	<10	µg/L	GE
0	Pronamid	<10	µg/L	MT
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<5.0	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	MT
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	5,900	µg/L	GE
0	Silica	6,590	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	1,110	µg/L	MT
0	Styrene	<1.0	µg/L	GE
0	Styrene	<5.0	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	1,000	µg/L	MT
0	Sulfotepp	<10	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Tetraethyl dithiopyrophosphate	<10	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	MT
0	Thionazin	<10	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	21,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	MT
0	Total dissolved solids	18,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<1.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<10	µg/L	MT
1	Trichloroethylene	1.0	µg/L	GE
0	Trichloroethylene	<10	µg/L	MT
1	Trichloroethylene	1.1	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Zinc	4.2	µg/L	GE
0	Zinc	6.4	µg/L	MT
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dibromo-3-chloropropane	<10	µg/L	MT
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethylene	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	MT
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	MT
0	1,4-Benzoquinone	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	MT
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	MT
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Hexanone	<1.0	µg/L	GE
0	2-Hexanone	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	MT
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitroaniline	<50	µg/L	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-Picoline	<10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	MT

WELL ABP 1A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	MT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Methyl-2-pentanone	<10	µg/L	MT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<50	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	MT
0	4,6-Dinitro-ortho-cresol	<50	µg/L	MT
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	MT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	2.8±3.5	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.0±3.1	pCi/L	GE
0	Total radium	1.1±0.20	pCi/L	MT
0	Tritium	2.0±0.30	pCi/mL	GE
0	Tritium	1.8±0.20	pCi/mL	MT

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 Time: 14:10
Depth to water: 154.56 ft (47.12 m) below TOC pH: 5.5
Water elevation: 217.32 ft (66.24 m) msl Alkalinity: 2 meq/L
Sp. conductance: 14 µS/cm Water temperature: 26.2°C
Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	5.2	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	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	3.3	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 2A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	480	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	1,600	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	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	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	<100	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	10	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	Lithium	<5.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	Magnesium	201	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Mercury	0.35	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE

WELL ABP 2A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	250	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Phenylenediamine	<10	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	para-Chloro-meta-cresol	<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
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	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	12,000	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
1	Tetrachloroethylene	2.0	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	19,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
2	Trichloroethylene	20	µg/L	GE
0	Trichlorofluoromethane	<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	3.2	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL ABP 2A collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.6±3.6	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	1.8±0.30	pCi/mL	GE

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 Time: 14:30
Inaccessibility or pump failure prevented sample collection.

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 Time: 10:05
Depth to water: 134.35 ft (40.95 m) below TOC pH: 5.4
Water elevation: 219.35 ft (66.86 m) msl Alkalinity: 1 meq/L
Sp. conductance: 15 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	5.8	pH	GE
0	Specific conductance	16	µS/cm	GE

WELL ABP 3 collected on 09/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	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	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	470	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	1,500	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	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	9.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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 ABP 3 collected on 09/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	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	< 100	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Iron	72	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	8.6	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	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	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	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	para-Chloro-meta-cresol	< 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
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	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE

WELL ABP 3 collected on 09/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toluene	< 1.0	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	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
2	Trichloroethylene	13	µg/L	GE
0	Trichlorofluoromethane	< 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	6.6	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	1.0 ± 1.1	pCi/L	GE
0	Tritium	1.7 ± 0.20	pCi/mL	GE

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90
Depth to water: 160.59 ft (48.95 m) below TOC
Water elevation: 193.92 ft (59.11 m) msl
Sp. conductance: 92 µS/cm
Water evacuated before sampling: 98 gal

Time: 11:50
pH: 6.4
Alkalinity: 19 meq/L
Water temperature: 24.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
1	pH	6.8	pH	GE
1	pH	6.8	pH	GE
0	Specific conductance	89	µS/cm	GE
0	Specific conductance	90	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	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	<1.0	µg/L	GE
0	Acetone	<1.0	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	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	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	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	23	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE

WELL ABP 3C collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	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	8,400	µg/L	GE
0	Calcium	8,400	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	Chlordane	<0.50	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chloride	2,300	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	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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 3C collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 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	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 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	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	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	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	Hexachlorophene	< 100	µg/L	GE
0	Hexachlorophene	< 100	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	Hexachloropropene	< 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	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Iron	11	µg/L	GE
0	Iron	12	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	4.0	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	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	Magnesium	580	µg/L	GE
0	Magnesium	570	µg/L	GE
1	Manganese	28	µg/L	GE
1	Manganese	30	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

WELL ABP 3C collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	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	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	Nickel	5.7	µg/L	GE
0	Nickel	7.8	µg/L	GE
1	Nitrate as nitrogen	3,200	µg/L	GE
1	Nitrate as nitrogen	3,400	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	o-Toluidine	< 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	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	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	para-Chloro-meta-cresol	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	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	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	Phenols	< 10	µg/L	GE

WELL ABP 3C collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Phenols	<10	µg/L	QE
0	Phorate	<0.50	µg/L	QE
0	Phorate	<0.50	µg/L	QE
0	Potassium	2,400	µg/L	QE
0	Potassium	2,400	µg/L	QE
0	Pronamid	<10	µg/L	QE
0	Pronamid	<10	µg/L	QE
0	Propionitrile	<200	µg/L	QE
0	Propionitrile	<200	µg/L	QE
0	Pyrene	<10	µg/L	QE
0	Pyrene	<10	µg/L	QE
0	Pyridine	<10	µg/L	QE
0	Pyridine	<10	µg/L	QE
0	Safrole	<10	µg/L	QE
0	Safrole	<10	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	6,000	µg/L	QE
0	Silica	6,300	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Styrene	<1.0	µg/L	QE
0	Styrene	<1.0	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Sulfide	<1,000	µg/L	QE
0	Sulfide	<1,000	µg/L	QE
0	Sulfotepp	<10	µg/L	QE
0	Sulfotepp	<10	µg/L	QE
2	Tetrachloroethylene	20	µg/L	QE
2	Tetrachloroethylene	19	µg/L	QE
2	Tetrachloroethylene	13	µg/L	MA
0	Thallium	<2.0	µg/L	QE
0	Thallium	<2.0	µg/L	QE
0	Tin	<2.0	µg/L	QE
0	Tin	<2.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	58,000	µg/L	QE
0	Total dissolved solids	60,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
2	Total organic halogens	30	µg/L	QE
2	Total organic halogens	29	µg/L	QE
0	Total phosphates	<50	µg/L	QE
0	Total phosphates	<50	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	trans-1,2-Dichloroethene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	QE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	QE
2	Trichloroethylene	40	µg/L	QE
2	Trichloroethylene	38	µg/L	QE
2	Trichloroethylene	30	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Vinyl acetate	<1.0	µg/L	QE
0	Vinyl acetate	<1.0	µg/L	QE
0	Xylenes	<1.0	µg/L	QE
0	Xylenes	<1.0	µg/L	QE
0	Zinc	3.4	µg/L	QE
0	Zinc	3.0	µg/L	QE
0	1-Naphthylamine	<10	µg/L	QE
0	1-Naphthylamine	<10	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	QE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	1,2-Dibromoethane	<20	µg/L	QE
0	1,2-Dibromoethane	<20	µg/L	QE
0	1,2-Dichlorobenzene	<10	µg/L	QE

WELL ABP 3C collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichlorobenzene	<10	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	1,2,3-Trichloropropane	<20	µg/L	QE
0	1,2,3-Trichloropropane	<20	µg/L	QE
0	1,2,4-Trichlorobenzene	<10	µg/L	QE
0	1,2,4-Trichlorobenzene	<10	µg/L	QE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	QE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	QE
0	1,3-Dichlorobenzene	<10	µg/L	QE
0	1,3-Dichlorobenzene	<10	µg/L	QE
0	1,3-Dinitrobenzene	<10	µg/L	QE
0	1,3-Dinitrobenzene	<10	µg/L	QE
0	1,3,5-Trinitrobenzene	<10	µg/L	QE
0	1,3,5-Trinitrobenzene	<10	µg/L	QE
0	1,4-Dichlorobenzene	<10	µg/L	QE
0	1,4-Dichlorobenzene	<10	µg/L	QE
0	1,4-Dioxane	<10	µg/L	QE
0	1,4-Dioxane	<10	µg/L	QE
0	1,4-Naphthoquinone	<10	µg/L	QE
0	1,4-Naphthoquinone	<10	µg/L	QE
0	2-Acetylaminofluorene	<10	µg/L	QE
0	2-Acetylaminofluorene	<10	µg/L	QE
0	2-Chloronaphthalene	<10	µg/L	QE
0	2-Chloronaphthalene	<10	µg/L	QE
0	2-Chlorophenol	<10	µg/L	QE
0	2-Chlorophenol	<10	µg/L	QE
0	2-Hexanone	<1.0	µg/L	QE
0	2-Hexanone	<1.0	µg/L	QE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	QE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	QE
0	2-Methylnaphthalene	<10	µg/L	QE
0	2-Methylnaphthalene	<10	µg/L	QE
0	2-Naphthylamine	<10	µg/L	QE
0	2-Naphthylamine	<10	µg/L	QE
0	2-Nitroaniline	<10	µg/L	QE
0	2-Nitroaniline	<10	µg/L	QE
0	2-Nitrophenol	<10	µg/L	QE
0	2-Nitrophenol	<10	µg/L	QE
0	2-Picoline	<10	µg/L	QE
0	2-Picoline	<10	µg/L	QE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	QE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	QE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	QE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	QE
0	2,4-Dichlorophenol	<10	µg/L	QE
0	2,4-Dichlorophenol	<10	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	2,4-Dimethyl phenol	<10	µg/L	QE
0	2,4-Dimethyl phenol	<10	µg/L	QE
0	2,4-Dinitrophenol	<50	µg/L	QE
0	2,4-Dinitrophenol	<50	µg/L	QE
0	2,4-Dinitrotoluene	<10	µg/L	QE
0	2,4-Dinitrotoluene	<10	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	2,4,5-Trichlorophenol	<10	µg/L	QE
0	2,4,5-Trichlorophenol	<10	µg/L	QE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	QE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	QE
0	2,4,6-Trichlorophenol	<10	µg/L	QE
0	2,4,6-Trichlorophenol	<10	µg/L	QE
0	2,6-Dichlorophenol	<10	µg/L	QE
0	2,6-Dichlorophenol	<10	µg/L	QE
0	2,6-Dinitrotoluene	<10	µg/L	QE
0	2,6-Dinitrotoluene	<10	µg/L	QE
0	3-Methylcholanthrene	<10	µg/L	QE
0	3-Methylcholanthrene	<10	µg/L	QE
0	3-Nitroaniline	<10	µg/L	QE
0	3-Nitroaniline	<10	µg/L	QE
0	3,3'-Dichlorobenzidine	<10	µg/L	QE
0	3,3'-Dichlorobenzidine	<10	µg/L	QE
0	3,3'-Dimethylbenzidine	<10	µg/L	QE
0	3,3'-Dimethylbenzidine	<10	µg/L	QE
0	4-Aminobiphenyl	<10	µg/L	QE
0	4-Aminobiphenyl	<10	µg/L	QE
0	4-Bromophenyl phenyl ether	<10	µg/L	QE
0	4-Bromophenyl phenyl ether	<10	µg/L	QE
0	4-Chloroaniline	<10	µg/L	QE
0	4-Chloroaniline	<10	µg/L	QE
0	4-Chlorophenyl phenyl ether	<10	µg/L	QE
0	4-Chlorophenyl phenyl ether	<10	µg/L	QE
0	4-Nitroaniline	<10	µg/L	QE
0	4-Nitroaniline	<10	µg/L	QE
0	4-Nitrophenol	<10	µg/L	QE
0	4-Nitrophenol	<10	µg/L	QE

ANALYTICAL RESULTS

WELL ABP 30 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 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	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	3.3 ± 3.5	pCi/L	GE
0	Nonvolatile beta	3.4 ± 3.5	pCi/L	GE
0	Total radium	1.0 ± 3.2	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	0.75 ± 0.20	pCi/mL	GE
0	Tritium	0.74 ± 0.20	pCi/mL	GE

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90
Depth to water: 147.79 ft (45.05 m) below TOC
Water elevation: 210.51 ft (65.99 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 91 gal
Time: 10:20
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TODD	< 0.45	ng/L	GE
0	Carbon 12-labeled TODF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.55	ng/L	GE
0	pH	5.0	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	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	alpha-Benzene hexachloride	< 0.50	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	4.8	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzo(a)anthracene	< 10	µg/L	GE
0	Benzo(a)pyrene	< 10	µg/L	GE
0	Benzo(b)fluoranthene	< 10	µg/L	GE
0	Benzo(g,h,i)perylene	< 10	µg/L	GE
0	Benzo(k)fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 20	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 1.0	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	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

WELL ABP 4 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	1,600	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	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzene hexachloride	< 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	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 50	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 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	Dimethyl phthalate	< 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	gamma-Benzene hexachloride (Lindane)	< 0.0050	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	< 100	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Iron	15	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	4.4	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	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	Nickel	4.8	µg/L	GE
0	Nitrate as nitrogen	1,230	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE

WELL ABP 4 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	o-Toluidine	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	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	para-Chloro-meta-cresol	< 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
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	Phenols	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,300	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	Tetrachloroethylene	< 1.0	µg/L	GE
1	Tetrachloroethylene	2.9	µg/L	MA
0	Thallium	< 2.0	µg/l	GE
0	Tin	< 2.0	µg/	GE
0	Toluene	< 1.0	µg/l	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	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-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
2	Trichloroethylene	7.0	µg/L	GE
2	Trichloroethylene	7.4	µg/L	MA
0	Trichlorofluoromethane	< 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	2.0	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/l	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE

WELL ABP 4 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	7,12-Dimethylbenz(a)anthracene	< 10	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
1	Total radium	2.8±3.7	pCi/L	GE
0	Tritium	2.4±0.30	pCi/mL	GE

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 7:50
Depth to water: 178.93 ft (53.93 m) below TOC — pH: 12.1
Water elevation: 195.17 ft (59.48 m) msl — Alkalinity: 808 meq/L
Sp. conductance: 2890 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
1	Specific conductance	1,950	µS/cm	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
1	Antimony	16	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
1	Barium	280	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	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	34,000	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,700	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	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
1	Chromium	8.5	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	8.4	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 50	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 8C collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
C	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	180	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	Lead	< 3.0	µg/L	GE
1	Lithium	170	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	Methacrylonitrile	< 50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	510	µg/L	GE
1	Phenols	14	µg/L	GE
1	Potassium	57,000	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,500	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
1	Sulfate	29,200	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	448,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates	< 50	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-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
1	Trichloroethylene	1.5	µg/L	MA
0	Trichlorofluoromethane	< 1.0	µg/L	GE
1	Vanadium	21	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	8.5	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
1	Total activity	1.9 ± 1.1	pCi/mL	EM
0	Tritium	1.4 ± 0.20	pCi/mL	GE

WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 Time: 13:30
Depth to water: 154.01 ft (46.94 m) below TOC
Water elevation: 216.89 ft (66.11 m) msl
The well pumped dry before sampling could be done.

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 Time: 12:55
Depth to water: 102.30 ft (31.18 m) below TOC pH: 4.8
Water elevation: 222.50 ft (67.82 m) msl Alkalinity: 0 meq/L
Sp. conductance: 24 µS/cm Water temperature: 23.1°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 5.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 5.0	µg/L	GE
1	Tetrachloroethylene	1.9	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 5.0	µg/L	GE
1	Trichloroethylene	1.8	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 Time: 13:45
Depth to water: 51.29 ft (15.63 m) below TOC pH: 5.4
Water elevation: 210.81 ft (64.26 m) msl Alkalinity: 3 meq/L
Sp. conductance: 23 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 180 gal

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 Time: 13:35
Depth to water: Not available pH: 5.6
Water elevation: Not available Alkalinity: 4 meq/L
Sp. conductance: 26 µS/cm Water temperature: 23.8°C
Water evacuated before sampling: 38 gal

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 Time: 12:50
Depth to water: 125.48 ft (38.25 m) below TOC pH: 5.9
Water elevation: 219.22 ft (66.82 m) msl Alkalinity: 7 meq/L
Sp. conductance: 31 µS/cm Water temperature: 23.0°C
Water evacuated before sampling: 200 gal

LABORATORY ANALYSES

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

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 — Time: 13:00
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity: 3 meq/L
Sp. conductance: 18 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 2' gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Total activity	2.9±1.1	pCi/mL	EM

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 — Time: 14:35
Depth to water: 95.78 ft (29.19 m) below TOC — pH: 6.1
Water elevation: 206.52 ft (62.95 m) msl — Alkalinity: 15 meq/L
Sp. conductance: 47 µS/cm — Water temperature: 26.0°C
Water evacuated before sampling: 146 gal

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 — Time: 14:40
Depth to water: 93.98 ft (28.65 m) below TOC — pH: 9.3
Water elevation: 208.52 ft (63.56 m) msl — Alkalinity: 17 meq/L
Sp. conductance: 88 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 192 gal

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 11:00
Depth to water: 124.99 ft (38.10 m) below TOC — pH: 5.7
Water elevation: 234.61 ft (71.51 m) msl — Alkalinity: 13 meq/L
Sp. conductance: 65 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo biffuoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 74	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Chloroform	<1.0	µg/L	MA
0	Chrysene	<10	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	MT

WELL ACB 1A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluorene	<10	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 11:50
Depth to water: 114.61 ft (34.93 m) below TOC — pH: 5.4
Water elevation: 235.19 ft (71.69 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 46 µS/cm — Water temperature: 23.9°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo biffuoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 24	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	MT

ANALYTICAL RESULTS

WELL ACB 2A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluorene	<10	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Manganese	2.1	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	6.3±3.2	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 12:30
Depth to water: 112.78 ft (34.38 m) below TOC — pH: 5.0
Water elevation: 235.52 ft (71.79 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 188 µS/cm — Water temperature: 25.1°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo b]fluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 32	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT

WELL ACB 3A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Isophorone	<10	µg/L	MT
2	Manganese	126	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Total organic halogens	6.0	µg/L	MT
0	Total phosphates	21	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
2	Gross alpha	200±20	pCi/L	MT
1	Gross alpha	13±4.0	pCi/L	MT
2	Nonvolatile beta	1,300±200	pCi/L	MT
1	Nonvolatile beta	13±4.0	pCi/L	MT
2	Total radium	12±2.0	pCi/L	MT

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 13:20
Depth to water: 122.99 ft (37.49 m) below TOC — pH: 5.2
Water elevation: 236.11 ft (71.97 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 329 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo b]fluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<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	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT

WELL ACB 4A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
1	Bis(2-ethylhexyl) phthalate	B 18	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chlordane	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	MA
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Manganese	8.0	µg/L	GE
0	Manganese	12	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
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	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
1	Total organic halogens	13	µg/L	MT
0	Total phosphates	50	µg/L	GE
0	Total phosphates	117	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 0.40	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	MA

WELL ACB 4A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
2	Gross alpha	24 ± 1.7	pCi/L	GE
2	Gross alpha	36 ± 6.0	pCi/L	MT
1	Nonvolatile beta	16 ± 1.5	pCi/L	GE
1	Nonvolatile beta	32 ± 5.0	pCi/L	MT
2	Total radium	50 ± 7.7	pCi/L	GE
2	Total radium	43 ± 5.0	pCi/L	MT

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 13:20
Depth to water: 122.99 ft (37.49 m) below TOC — pH: 5.2
Water elevation: 236.11 ft (71.97 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 329 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	GE
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL ACB 4A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
1	Bis(2-ethylhexyl) phthalate	B 24	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chlordane	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	MA
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Manganese	8.7	µg/L	GE
0	Manganese	12	µg/L	MT
0	Manganese	11	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
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	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE

WELL ACB 4A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
1	Total organic halogens	13	µg/L	MT
0	Total phosphates	70	µg/L	GE
0	Total phosphates	32	µg/L	MT
0	Total phosphates	25	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 0.40	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
2	Gross alpha	24 ± 1.7	pCi/L	GE
2	Gross alpha	42 ± 6.0	pCi/L	MT
1	Nonvolatile beta	18 ± 1.6	pCi/L	GE
1	Nonvolatile beta	29 ± 5.0	pCi/L	MT
2	Total radium	49 ± 7.6	pCi/L	GE
2	Total radium	46 ± 5.0	pCi/L	MT

WELL AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90
Depth to water: 148.47 ft (45.25 m) below TOC
Water elevation: 231.93 ft (70.69 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 13:40
pH: 6.0
Alkalinity: 10 meq/L
Water temperature: 25.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
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	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Specific conductance	52	µS/cm	GE
0	Specific conductance	52	µS/cm	GE
0	Specific conductance	55	µS/cm	GE

WELL AMB 4 collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Specific conductance	52	µS/cm	GE
0	Specific conductance	52	µS/cm	GE
0	Specific conductance	52	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	8.0	µg/L	GE
0	Barium	9.0	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	2,800	µg/L	GE
1	Carbon tetrachloride	1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Chloroform	2.2	µg/L	MA
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	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	63	µg/L	GE
0	Iron	55	µg/L	GE
0	Lead	15	µg/L	GE
0	Lead	14	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	20	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	18	µg/L	GE
1	Nickel	16	µg/L	GE
0	Nitrate as nitrogen	1,160	µg/L	GE
0	Nitrate as nitrogen	1,160	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	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	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	6,900	µg/L	GE
1	Sodium	6,900	µg/L	GE
0	Sulfate	1,700	µg/L	GE
0	Sulfate	1,600	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
1	Tetrachloroethylene	3.5	µg/L	MA
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	74	µg/L	GE
2	Total organic halogens	75	µg/L	GE
2	Total organic halogens	78	µg/L	GE
2	Total organic halogens	82	µg/L	GE
2	Total organic halogens	72	µg/L	GE
2	Total organic halogens	73	µg/L	GE
2	Total organic halogens	75	µg/L	GE
2	Total organic halogens	75	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	6.4	µg/L	MA
2	Trichloroethylene	101	µg/L	GE
2	Trichloroethylene	95	µg/L	GE
2	Trichloroethylene	92	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL AMB 4 collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90
Depth to water: 147.70 ft (45.02 m) below TOC
Water elevation: 231.90 ft (70.68 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 28 gal
Time: 13:40
pH: 5.1
Alkalinity: 0 meq/L
Water temperature: 26.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	5.1	pH	GE
0	pH	5.2	pH	GE
0	pH	5.2	pH	GE
0	pH	5.0	pH	GE
0	pH	5.1	pH	GE
0	pH	5.2	pH	GE
0	pH	5.2	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	460	µg/L	GE
0	Calcium	450	µg/L	GE
1	Carbon tetrachloride	2.0	µg/L	GE
1	Carbon tetrachloride	2.0	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chloride	3,600	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	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	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	42	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	540	µg/L	GE
0	Magnesium	560	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	2,020	µg/L	GE
0	Nitrate as nitrogen	2,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 5 collected on 07/19/90, laboratory analyses (continued)

Flag	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	6,200	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,000	µg/L	GE
1	Sodium	5,600	µg/L	GE
0	Sulfate	1,000	µg/L	GE
0	Sulfate	1,200	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
2	Tetrachloroethylene	10	µg/L	MA
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
2	Total organic halogens	82	µg/L	GE
2	Total organic halogens	82	µg/L	GE
2	Total organic halogens	84	µg/L	GE
2	Total organic halogens	91	µg/L	GE
2	Total organic halogens	66	µg/L	GE
2	Total organic halogens	76	µg/L	GE
2	Total organic halogens	80	µg/L	GE
2	Total organic halogens	82	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	6.2	µg/L	MA
2	Trichloroethylene	186	µg/L	GE
2	Trichloroethylene	206	µg/L	GE
2	Trichloroethylene	219	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<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
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	5.3±1.4	pCi/L	GE
1	Gross alpha	5.8±1.5	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	2.0±1.8	pCi/L	GE
2	Total radium	8.1±2.4	pCi/L	GE
2	Total radium	9.0±2.5	pCi/L	GE

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 14:25
Depth to water: 145.21 ft (44.26 m) below TOC — pH: 5.5
Water elevation: 231.99 ft (70.71 m) msl — Alkalinity: 10 meq/L
Sp. conductance: 40 µS/cm — Water temperature: 24.4°C
Water evacuated before sampling: 26 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	35	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	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	210	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,100	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	Cyanide	<5.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE

WELL AMB 6 collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	53	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	50	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	180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	6,500	µg/L	GE
0	Sulfate	2,600	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	250	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	6.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 12:50
Depth to water: 137.72 ft (41.98 m) below TOC — pH: 7.1
Water elevation: 232.18 ft (70.77 m) msl — Alkalinity: 16 meq/L
Sp. conductance: 168 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.6	pH	GE
1	pH	6.6	pH	GE
1	pH	6.7	pH	GE
1	pH	6.7	pH	GE
1	Specific conductance	102	µS/cm	GE
1	Specific conductance	110	µS/cm	GE
1	Specific conductance	111	µS/cm	GE
1	Specific conductance	111	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	32	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,600	µg/L	GE
1	Chloroform	3.0	µg/L	GE
1	Chloroform	2.1	µg/L	MA
1	Chromium	6.7	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	110	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	63	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	400	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	11	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL AMB 7 collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	7,870	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	16,000	µg/L	GE
0	Sulfate	4,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<2.5	µg/L	MA
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<2.5	µg/L	MA
1	Trichloroethylene	1.0	µg/L	GE
0	Trichloroethylene	<2.5	µg/L	MA
0	1,1-Dichloroethylene	<2.5	µg/L	MA
1	1,1,1-Trichloroethane	2.0	µg/L	GE
1	1,1,1-Trichloroethane	2.1	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.3±1.9	pCi/L	GE
0	Total radium	1.4±3.3	pCi/L	GE

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90
Time: 11:15
Depth to water: 137.74 ft (41.98 m) below TOC
pH: 5.5
Water elevation: 231.86 ft (70.67 m) msl
Alkalinity: 7 meq/L
Sp. conductance: 38 µS/cm
Water temperature: 23.9°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	6.0	pH	GE
0	pH	5.4	pH	MT
0	pH	5.3	pH	MT
0	pH	5.3	pH	MT
0	pH	5.4	pH	MT
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	37	µS/cm	MT
0	Specific conductance	43	µS/cm	MT
0	Specific conductance	42	µS/cm	MT
0	Specific conductance	42	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	1.8	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Calcium	630	µg/L	GE
0	Calcium	572	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloride	3,200	µg/L	GE
0	Chloride	3,560	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	MT
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	25	µg/L	GE
0	Iron	<21	µg/L	MT
0	Lead	8.0	µg/L	GE
0	Lead	<2.0	µg/L	MT

WELL AMB 8D collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	140	µg/L	GE
0	Magnesium	151	µg/L	MT
0	Manganese	3.5	µg/L	GE
0	Manganese	3.8	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	320	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	MT
0	Phenols	<5.0	µg/L	GE
1	Phenols	6.3	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<416	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	6,530	µg/L	GE
0	Silica	7,580	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
1	Sodium	5,800	µg/L	GE
1	Sodium	6,030	µg/L	MT
0	Sulfate	1,500	µg/L	GE
0	Sulfate	1,680	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	25,000	µg/L	GE
0	Total dissolved solids	33,000	µg/L	MT
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	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
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	6.0	µg/L	MT
0	Total organic halogens	5.6	µg/L	MT
0	Total organic halogens	5.7	µg/L	MT
0	Total organic halogens	6.8	µg/L	MT
0	Total organic halogens	5.6	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	38	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	4.0	µg/L	GE
2	Trichloroethylene	5.1	µg/L	MT
2	Trichloroethylene	3.7	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

ANALYTICAL RESULTS

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 11:15
Depth to water: 137.74 ft (41.98 m) below TOC — pH: 5.5
Water elevation: 231.88 ft (70.67 m) msl — Alkalinity: 7 meq/L
Sp. conductance: 38 µS/cm — Water temperature: 23.9°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	pH	5.4	pH	MT
0	pH	5.4	pH	MT
0	pH	5.4	pH	MT
0	pH	5.4	pH	MT
0	Specific conductance	33	µS/cm	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	MT
0	Specific conductance	44	µS/cm	MT
0	Specific conductance	44	µS/cm	MT
0	Specific conductance	37	µS/cm	MT
0	Specific conductance	38	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	41	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Calcium	610	µg/L	GE
0	Calcium	566	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloride	3,200	µg/L	GE
0	Chloride	3,450	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	MT
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
1	Chromium	5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	31	µg/L	GE
0	Iron	<21	µg/L	MT
0	Lead	6.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	150	µg/L	GE
0	Magnesium	155	µg/L	MT
0	Manganese	4.5	µg/L	GE
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	330	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<416	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	6,390	µg/L	GE
1	Silica	27,100	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
1	Sodium	6,300	µg/L	GE
1	Sodium	5,990	µg/L	MT
0	Sulfate	1,400	µg/L	GE
0	Sulfate	1,820	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	25,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	MT

WELL AMB 8D collected on 07/20/90, laboratory analyses (continued)

Flag	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 carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
[illegible]	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
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	6.4	µg/L	MT
0	Total organic halogens	5.3	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	6.5	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	48	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	3.0	µg/L	GE
2	Trichloroethylene	4.3	µg/L	MT
2	Trichloroethylene	4.6	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 7:35
Depth to water: 135.86 ft (41.41 m) below TOC — pH: 5.6
Water elevation: 232.04 ft (70.73 m) msl — Alkalinity: 9 meq/L
Sp. conductance: 43 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	540	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	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	Cyanide	<5.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	98	µg/L	GE
0	Manganese	5.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL AMB 9D collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	7,500	µg/L	GE
0	Sulfate	2,700	µg/L	GE
0	Tetrachloroethylene	<1.0	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 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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	0.93±0.20	pCi/mL	GE

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90
Depth to water: 132.83 ft (40.43 m) below TOC
Water elevation 232.87 ft (70.98 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 42 gal

Time: 8:55
pH: 5.9
Alkalinity: 17 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	6.2	pH	GE
0	pH	6.3	pH	GE
0	pH	6.4	pH	GE
0	Specific conductance	53	µS/cm	GE
0	Specific conductance	53	µS/cm	GE
0	Specific conductance	55	µS/cm	GE
0	Specific conductance	56	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	17	µg/L	GE
0	Magnesium	100	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	100	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	4,480	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	7,400	µg/L	GE
0	Sulfate	4,800	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic 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 AMB 10D collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90
Depth to water: 7.76 ft (2.37 m) below TOC
Water elevation: 357.64 ft (109.01 m) msl
Sp. conductance: 188 µS/cm
Water evacuated before sampling: 52 gal

Time: 9:55
pH: 6.5
Alkalinity: 49 meq/L
Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.5	pH	GE
1	pH	6.5	pH	GE
1	pH	6.6	pH	GE
1	Specific conductance	125	µS/cm	GE
1	Specific conductance	128	µS/cm	GE
1	Specific conductance	128	µS/cm	GE
1	Specific conductance	129	µS/cm	GE
1	Arsenic	5.0	µg/L	GE
0	Barium	11	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	1,800	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	Cyanide	<5.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
2	Iron	6,300	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	420	µg/L	GE
2	Manganese	260	µg/L	GE
0	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	5,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	20,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	69,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 10DD collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 Time: 14:50
Depth to water: 130.47 ft (39.77 m) below TOC pH: 9.1
Water elevation: 233.53 ft (71.18 m) msl Alkalinity: 49 meq/L
Sp. conductance: 134 µS/cm Water temperature: 24.2°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
1	pH	6.6	pH	GE
1	pH	7.1	pH	GE
1	pH	7.2	pH	GE
0	Specific conductance	68	µS/cm	GE
0	Specific conductance	69	µS/cm	GE
0	Specific conductance	98	µS/cm	GE
1	Specific conductance	100	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,400	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	Cyanide	<5.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	4.0	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	100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,150	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,800	µg/L	GE
0	Sulfate	3,300	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	61,000	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	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.1±2.1	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 8:30
Depth to water: 137.05 ft (41.77 m) below TOC pH: 8.3
Water elevation: 232.75 ft (70.94 m) msl Alkalinity: 11 meq/L
Sp. conductance: 67 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
1	pH	6.7	pH	GE
1	pH	6.7	pH	GE
1	pH	6.7	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Specific conductance	51	µS/cm	GE
0	Specific conductance	52	µS/cm	GE
0	Specific conductance	52	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.9	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,400	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	Cyanide	<5.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	21	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	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	2,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	10,000	µg/L	GE
0	Sulfate	1,800	µg/L	GE
0	Tetrachloroethylene	<1.0	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 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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	2.2±0.30	pCi/mL	GE

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 14:30
Depth to water: 106.87 ft (32.57 m) below TOC — pH: 5.0
Water elevation: 234.23 ft (71.39 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 48 µS/cm — Water temperature: 26.0°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
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	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Anthracene	< 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	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 10	µg/L	GE
0	beta-Endosulfan	< 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	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chlordane	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloroform	< 5.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 5.0	µg/L	MA
0	Chloroform	< 5.0	µg/L	MA
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 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	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	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endosulfan sulfate	< 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	< 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

WELL AOB 1 collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluorene	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0080	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	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
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	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	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 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	para-Chloro-meta-cresol	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 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	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
2	Tetrachloroethylene	92	µg/L	GE
2	Tetrachloroethylene	102	µg/L	GE
2	Tetrachloroethylene	74	µg/L	MT
2	Tetrachloroethylene	92	µg/L	MA
2	Tetrachloroethylene	100	µg/L	MA
2	Total organic halogens	288	µg/L	GE
2	Total organic halogens	228	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 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	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
2	Trichloroethylene	104	µg/L	GE
2	Trichloroethylene	98	µg/L	GE
2	Trichloroethylene	118	µg/L	MT
2	Trichloroethylene	79	µg/L	MA
2	Trichloroethylene	88	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA

ANALYTICAL RESULTS

WELL AOB 1 collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	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	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 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	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 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	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.050	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 14:30
Depth to water: 108.87 ft (32.57 m) below TOC — pH: 5.0
Water elevation: 234.23 ft (71.39 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 48 µS/cm — Water temperature: 26.9 C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 2.0	µg/L	MA
2	Tetrachloroethylene	71	µg/L	MA
0	trans-1,2-Dichloroethene	< 2.0	µg/L	MA
2	Trichloroethylene	80	µg/L	MA
0	1,1-Dichloroethylene	< 2.0	µg/L	MA
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 15:40
Depth to water: 111.14 ft (33.88 m) below TOC — pH: 5.1
Water elevation: 234.26 ft (71.40 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 21 µS/cm — Water temperature: 27.9°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Anthracene	< 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

WELL AOB 2 collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzo(g,h,i)perylene	< 10	µg/L	GE
0	Benzo(k)fluoranthene	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	Butylbenzyl phthalate	< 10	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chrysene	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 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	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 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	Phenols	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
1	2,4-Dichlorophenoxyacetic acid	0.80	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE

WELL AOB 2 collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	4-Nitrophenol	< 10	µg/L	GE

WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90
Depth to water: 116.66 ft (35.05 m) below TOC
Water elevation: 235.64 ft (71.82 m) msl
Sp. conductance: 78 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 10:55
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 26.0 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Anthracene	< 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	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	Butylbenzyl phthalate	< 10	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chrysene	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 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	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 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	Phenols	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/l	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA

WELL AOB 3 collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Nitrophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 48 gal

Time: 10:45
pH: 5.1
Alkalinity: 1 meq/L
Water temperature: 21.9 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
1	Total organic halogens	10	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
2	Trichloroethylene	32	µg/L	GE
2	Trichloroethylene	35	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90
Depth to water: 123.05 ft (37.51 m) below TOC
Water elevation: 214.25 ft (65.30 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 65 gal

Time: 11:20
pH: 5.3
Alkalinity: 1 meq/L
Water temperature: 22.0 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Arsenic	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Mercury	< 0.20	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
1	Trichloroethylene	2.0	µg/L	GE

ANALYTICAL RESULTS

WELL ARP 2 collected on 08/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Trichloroethylene	1.2	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 — Time: 11:55
Depth to water: 123.75 ft (37.72 m) below TOC — pH: 5.1
Water elevation: 218.05 ft (65.6[illegible] m) msl — Alkalinity: 0 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Arsenic	< 2.0	µg/L	GE
1	Carbon tetrachloride	2.0	µg/L	GE
1	Chloroform	1.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
2	Tetrachloroethylene	28	µg/L	GE
2	Total organic halogens	420	µg/L	GE
2	Trichloroethylene	1,210	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 — Time: 10:10
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 19 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Arsenic	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Mercury	< 0.20	µg/L	GE
1	Tetrachloroethylene	1.0	µg/L	GE
1	Tetrachloroethylene	1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	3.0	µg/L	GE
2	Trichloroethylene	2.9	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 — Time: 12:30
Depth to water: Not available — pH: 5.2
Water elevation: Not available — Alkalinity: 4 meq/L
Sp. conductance: 86 µS/cm — Water temperature: 24.9°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	Specific conductance	68	µS/cm	GE
0	Specific conductance	68	µS/cm	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE

WELL ASB 1A collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Calcium	630	µg/L	GE
0	Calcium	620	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	4,900	µg/L	GE
0	Chloride	4,900	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	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	Copper	5.1	µg/L	GE
0	Copper	5.3	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Iron	13	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	190	µg/L	GE
0	Magnesium	190	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	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	240	µg/L	GE
0	Nitrate as nitrogen	240	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,500	µg/L	GE
0	Silica	3,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	9,400	µg/L	GE
1	Sodium	9,400	µg/L	GE
1	Sulfate	11,300	µg/L	GE
1	Sulfate	11,900	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	MA
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
1	Trichloroethylene	1.5	µg/L	MA
0	Zinc	3.0	µg/L	GE
0	Zinc	3.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	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	Americium-241	< 0.30	pCi/L	TE
0	Americium-243	< 0.30	pCi/L	TE
0	Barium-140	< 10	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-144	< 30	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-137	< 4.0	pCi/L	TE
0	Cobalt-58	< 4.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
1	Curium-242	0.39 ± 0.37	pCi/L	TE
0	Curium-243/244	< 0.90	pCi/L	TE
0	Curium-246	< 0.40	pCi/L	TE

WELL ASB 1A collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<20	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	2.0±3.4	pCi/L	GE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<60	pCi/L	TE
0	Radium-226	<90	pCi/L	TE
0	Radium-226	<0.50	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<5.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Total radium	2.4±3.5	pCi/L	GE
0	Total radium	1.5±3.3	pCi/L	GE
0	Tritium	2.6±0.30	pCi/mL	GE
0	Tritium	1.9±0.20	pCi/mL	GE
0	Uranium-234	<0.060	pCi/L	TE
0	Uranium-235	<0.080	pCi/L	TE
0	Uranium-238	<0.060	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 — Time: 13:15
Depth to water: 113.19 ft (34.50 m) below TOC — pH: 5.8
Water elevation: 235.81 ft (71.88 m) msl — Alkalinity: 16 meq/L
Sp. conductance: 84 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	88	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.2	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	4,900	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	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	36	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	370	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	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	3,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	12,000	µg/L	GE
1	Sulfate	11,000	µg/L	GE
2	Tetrachloroethylene	6.0	µg/L	GE
1	Tetrachloroethylene	1.6	µg/L	MA
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	3.0	µg/L	GE
1	Trichloroethylene	1.7	µg/L	MA
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA

WELL ASB 2A collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Americium-241	<0.30	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<8.0	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Cerium-141	<8.0	pCi/L	TE
0	Cerium-144	<30	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cobalt-58	<4.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.40	pCi/L	TE
0	Curium-243/244	<1.0	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<10	pCi/L	TE
0	Iron-59	<7.0	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<8.0	pCi/L	TE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
0	Radium-226	<0.30	pCi/L	TE
1	Radium-228	2.0±1.4	pCi/L	TE
0	Ruthenium-103	<5.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
0	Total radium	2.1±3.4	pCi/L	GE
0	Tritium	1.7±0.20	pCi/mL	GE
1	Uranium-234	0.18±0.16	pCi/L	TE
0	Uranium-235	<0.090	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 — Time: 14:00
Depth to water: 109.01 ft (33.23 m) below TOC — pH: 5.8
Water elevation: 235.99 ft (71.93 m) msl — Alkalinity: 17 meq/L
Sp. conductance: 61 µS/cm — Water temperature: 24.7°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	71	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	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	4,300	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	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	55	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	350	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,200	µg/L	GE
0	Silver	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 3A collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Sodium	8,800	µg/L	GE
0	Sulfate	5,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Zinc	8.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Americium-241	<0.40	pCi/L	TE
1	Americium-241	0.57±0.44	pCi/L	TE
0	Americium-243	<0.40	pCi/L	TE
1	Americium-243	0.64±0.47	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
0	Cerium-141	<10	pCi/L	TE
0	Cerium-141	<10	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-58	<4.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Curium-242	<0.40	pCi/L	TE
0	Curium-242	<0.50	pCi/L	TE
0	Curium-243/244	<1.0	pCi/L	TE
0	Curium-243/244	<1.0	pCi/L	TE
0	Curium-246	<0.40	pCi/L	TE
0	Curium-246	<0.40	pCi/L	TE
0	Gross alpha	4.4±2.6	pCi/L	GE
0	Iodine-131	<20	pCi/L	TE
0	Iodine-131	<20	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Plutonium-238	<0.60	pCi/L	TE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	2.6±0.50	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	1.8±0.50	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-89	<6.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Strontium-90	<2.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
1	Total radium	3.4±2.6	pCi/L	GE
0	Tritium	1.2±0.20	pCi/mL	GE
1	Uranium-234	0.80±0.77	pCi/L	TE
1	Uranium-234	0.44±0.40	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
0	Uranium-235	<0.20	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Uranium-238	<0.30	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 Time: 10:45
Depth to water: 100.60 ft (30.66 m) below TOC pH: 5.6
Water elevation: 235.00 ft (71.63 m) msl Alkalinity: 9 meq/L
Sp. conductance: 57 µS/cm Water temperature: 23.8°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.4	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	2,600	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	Copper	5.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	33	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	0.30	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	8,000	µg/L	GE
0	Sulfate	8,800	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
1	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	MA
0	Zinc	27	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Americium-241	<0.30	pCi/L	TE
0	Americium-243	<0.50	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
0	Cerium-141	<10	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Curium-242	<0.50	pCi/L	TE
0	Curium-243/244	<1.0	pCi/L	TE
0	Curium-248	<0.50	pCi/L	TE
0	Gross alpha	2.3±2.1	pCi/L	GE
0	Iodine-131	<20	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Nonvolatile beta	2.1±3.5	pCi/L	GE
0	Plutonium-238	<0.50	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<90	pCi/L	TE
0	Radium-226	<0.50	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<0.90	pCi/L	TE

WELL ASB 4 collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Thorium-228	<8.0	pCi/L	TE
0	Total radium	1.4±2.1	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Uranium-234	<0.30	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
0	Uranium-238	<0.40	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90
Depth to water: 110.02 ft (33.53 m) below TOC
Water elevation: 234.98 ft (71.62 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 48 gal
Time: 11:45
pH: 5.3
Alkalinity: 4 meq/L
Water temperature: 25.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	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	5,300	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	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	710	µg/L	GE
0	Manganese	5.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	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	5,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	3,400	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	6.0	µg/L	GE
2	Trichloroethylene	3.6	µg/L	MA
0	Zinc	4.6	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Americium-241	<0.30	pCi/L	TE
0	Americium-243	<0.40	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Cerium-141	<10	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<6.0	pCi/L	TE
0	Cobalt-58	<6.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
0	Curium-246	<0.40	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<30	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<6.0	pCi/L	TE

WELL ASB 5A collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Neptunium-237	<10	pCi/L	TE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<0.40	pCi/L	TE
1	Radium-228	3.0±1.4	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-90	<0.90	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Total radium	2.2±2.2	pCi/L	GE
0	Tritium	2.4±0.30	pCi/mL	GE
1	Uranium-234	0.52±0.23	pCi/L	TE
0	Uranium-235	<0.050	pCi/L	TE
1	Uranium-238	0.51±0.22	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90
Depth to water: 120.87 ft (36.84 m) below TOC
Water elevation: 229.33 ft (69.90 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 32 gal
Time: 8:10
pH: 5.1
Alkalinity: 1 meq/L
Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	82	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	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	7,600	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	140	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	9.0	µg/L	GE
0	Nitrate as nitrogen	1,520	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	11,000	µg/L	GE
1	Sulfate	10,400	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
1	Tetrachloroethylene	2.3	µg/L	MA
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
1	Trichloroethylene	1.0	µg/L	MA
0	Zinc	5.6	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
1	Americium-241	2.0±0.50	pCi/L	TE
1	Americium-243	1.3±0.40	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE

ANALYTICAL RESULTS

WELL ASB 6A collected on 07/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cerium-141	<10	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<4.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
1	Curium-242	0.74±0.66	pCi/L	TE
1	Curium-243/244	1.5±1.1	pCi/L	TE
1	Curium-246	1.1±0.40	pCi/L	TE
0	Gross alpha	3.8±2.5	pCi/L	GE
0	Iodine-131	<20	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.090	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	1.9±0.70	pCi/L	TE
1	Radium-228	2.2±1.5	pCi/L	TE
0	Ruthenium-103	<5.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-90	<0.80	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Total radium	2.0±2.2	pCi/L	GE
0	Tritium	5.5±0.30	pCi/mL	GE
0	Uranium-234	<0.10	pCi/L	TE
0	Uranium-235	<0.060	pCi/L	TE
1	Uranium-238	0.22±0.17	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 — Time: 8:40
Depth to water: 138.56 ft (42.23 m) below TOC — pH: 10.7
Water elevation: 215.84 ft (65.73 m) msl — Alkalinity: 52 meq/L
Sp. conductance: 243 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 360 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	pH	11	pH	GE
1	Specific conductance	197	µS/cm	GE
1	Specific conductance	207	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	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	17,000	µg/L	GE
1	Calcium	17,000	µg/L	GE
0	Carbon tetrachloride	<50	µg/L	GE
0	Carbon tetrachloride	<50	µg/L	GE
0	Chloride	1,600	µg/L	GE
0	Chloride	1,600	µg/L	GE
0	Chloroform	<50	µg/L	GE
0	Chloroform	<50	µg/L	GE
0	Chloroform	<50	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	10	µg/L	GE
0	Iron	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	110	µg/L	GE
0	Magnesium	110	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

WELL ASB 6AA collected on 07/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,240	µg/L	GE
0	Nitrate as nitrogen	1,230	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	6,300	µg/L	GE
1	Potassium	6,100	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	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	7,300	µg/L	GE
1	Sodium	7,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<50	µg/L	GE
0	Tetrachloroethylene	<50	µg/L	GE
0	Tetrachloroethylene	<50	µg/L	MA
0	Total dissolved solids	88,000	µg/L	GE
0	Total dissolved solids	94,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,050	µg/L	GE
2	Total organic halogens	1,110	µg/L	GE
0	Total phosphates	80	µg/L	GE
0	Total phosphates	50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	MA
2	Trichloroethylene	2,640	µg/L	GE
2	Trichloroethylene	2,570	µg/L	GE
2	Trichloroethylene	3,070	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	6.9±3.8	pCi/L	GE
0	Nonvolatile beta	7.3±3.8	pCi/L	GE
1	Total activity	1.9±1.1	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	1.1±0.20	pCi/mL	GE
0	Tritium	1.4±0.20	pCi/mL	GE

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 — Time: 9:00
Depth to water: 120.28 ft (36.66 m) below TOC — pH: 5.0
Water elevation: 233.12 ft (71.06 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 84 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	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	7,600	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	Copper	8.6	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	400	µg/L	GE
1	Manganese	28	µg/L	GE

WELL ASB 7 collected on 07/29/90, laboratory analyses (continued)

Flag	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	1,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	10,000	µg/L	GE
1	Sulfate	11,600	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
1	Tetrachloroethylene	2.6	µg/L	MA
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	3.0	µg/L	GE
2	Trichloroethylene	3.1	µg/L	MA
0	Zinc	5.8	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Americium-241	<0.40	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
J	Cerium-141	<10	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<6.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
1	Curium-243/244	1.1±0.80	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Gross alpha	3.0±1.7	pCi/L	GE
0	Iodine-131	<20	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Nonvolatile beta	3.5±2.4	pCi/L	GE
0	Plutonium-238	<0.50	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<0.50	pCi/L	TE
1	Radium-228	2.7±0.60	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
1	Strontium-90	3.0±0.80	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Total radium	4.7±2.9	pCi/L	GE
0	Tritium	6.1±0.30	pCi/mL	GE
1	Uranium-234	0.22±0.17	pCi/L	TE
0	Uranium-235	<0.040	pCi/L	TE
0	Uranium-238	<0.040	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90
Depth to water: 116.96 ft (35.65 m) below TOC
Water elevation: 232.04 ft (70.73 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 68 gal

Time: 14:15
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 25.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	450	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE

WELL ASB 8 collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloride	3,000	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	3.0	µg/L	GE
1	Copper	40	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	9.1	µg/L	GE
0	Lead	8.0	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	Nickel	<4.0	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	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sulfate	9,300	µg/L	GE
1	Tetrachloroethylene	1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	263	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	359	µg/L	GE
2	Trichloroethylene	409	µg/L	MA
0	Zinc	8.6	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	4.3±2.6	pCi/L	GE
0	Nonvolatile beta	2.0±3.5	pCi/L	GE
1	Total radium	3.5±3.8	pCi/L	GE
0	Tritium	1.4±0.20	pCi/mL	GE

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90
Depth to water: 132.51 ft (40.39 m) below TOC
Water elevation: 216.79 ft (66.08 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 380 gal

Time: 12:00
pH: 5.3
Alkalinity: 1 meq/L
Water temperature: 26.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.0	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	1,700	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	5.0	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	5.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	910	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 ASB 8A collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	6,500	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	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Zinc	9.6	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90
Depth to water: 132.51 ft (40.39 m) below TOC
Water elevation: 218.79 ft (66.68 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 380 gal
Time: 12:00
pH: 5.3
Alkalinity: 1 meq/L
Water temperature: 26.5°C

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90
Depth to water: 131.74 ft (40.15 m) below TOC
Water elevation: 218.06 ft (66.47 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 270 gal
Time: 13:00
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 24.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.1	pH	MT
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	34	µS/cm	MT
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.2	µg/L	GE
0	Barium	6.8	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,000	µg/L	GE
0	Calcium	1,150	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloride	1,800	µg/L	GE
0	Chloride	2,010	µg/L	MT
1	Chloroform	1.0	µg/L	GE
1	Chloroform	1.9	µg/L	MT
0	Chloroform	<20	µg/L	MA
0	Chloroform	<20	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
1	cis-1,2-Dichloroethene	7.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	4.9	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	13	µg/L	GE
0	Iron	11	µg/L	MT
0	Lead	<3.0	µg/L	GE

WELL ASB 8B collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	<2.0	µg/L	MT
0	Magnesium	330	µg/L	GE
0	Magnesium	488	µg/L	MT
0	Manganese	4.1	µg/L	GE
0	Manganese	5.8	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	1,800	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	592	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	5,800	µg/L	GE
0	Silica	7,870	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	2,300	µg/L	GE
0	Sodium	3,180	µg/L	MT
0	Sulfate	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	14	µg/L	GE
2	Tetrachloroethylene	15	µg/L	MT
0	Tetrachloroethylene	<20	µg/L	MA
0	Tetrachloroethylene	<20	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	946	µg/L	GE
2	Total organic halogens	1,170	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	45	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<20	µg/L	MA
0	trans-1,2-Dichloroethene	<20	µg/L	MA
2	Trichloroethylene	1,340	µg/L	GE
2	Trichloroethylene	1,400	µg/L	MT
2	Trichloroethylene	1,580	µg/L	MA
2	Trichloroethylene	1,580	µg/L	MA
0	Zinc	3.2	µg/L	GE
0	Zinc	8.3	µg/L	MT
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<20	µg/L	MA
0	1,1,1-Trichloroethane	<20	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	2.0±1.5	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	2.1±2.2	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total radium	3.9±2.7	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.5±0.20	pCi/mL	GE
0	Tritium	1.5±0.20	pCi/mL	MT

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90
Depth to water: 131.74 ft (40.15 m) below TOC
Water elevation: 218.06 ft (66.47 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 270 gal
Time: 13:00
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 24.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.0	pH	MT
0	Specific conductance	29	µS/cm	GE
0	Specific conductance	32	µS/cm	MT
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT

WELL ASB 8B collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	5.5	µg/L	GE
0	Barium	5.4	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,300	µg/L	GE
0	Calcium	964	µg/L	MT
0	Carbon tetrachloride	<50	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloride	1,700	µg/L	GE
0	Chloride	2,010	µg/L	MT
0	Chloroform	<50	µg/L	GE
1	Chloroform	2.0	µg/L	MT
0	Chloroform	<20	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
1	cis-1,2-Dichloroethene	7.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	11	µg/L	GE
0	Iron	8.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	410	µg/L	GE
0	Magnesium	396	µg/L	MT
0	Manganese	5.0	µg/L	GE
0	Manganese	4.8	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	1,800	µg/L	GE
0	Nitrate as nitrogen	1,760	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	560	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	6,900	µg/L	GE
0	Silica	6,720	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	2,800	µg/L	GE
0	Sodium	2,570	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/l	MT
0	Tetrachloroethylene	<50	µg/L	GE
2	Tetrachloroethylene	16	µg/L	MT
0	Tetrachloroethylene	<20	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	830	µg/L	GE
2	Total organic halogens	1,160	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	31	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<20	µg/L	MA
2	Trichloroethylene	1,310	µg/l	GE
2	Trichloroethylene	1,600	µg/L	MT
2	Trichloroethylene	1,950	µg/L	MA
0	Zinc	3.9	µg/L	GE
0	Zinc	4.8	µg/L	MT
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/l	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<20	µg/l	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/l	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/l	GE
0	2,4,5-TP (Silvex)	<0.070	µg/l	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	3.2±2.3	pCi/l	GE
0	Nonvolatile beta	<5.0	pCi/l	MT
0	Total radium	1.2±2.1	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.3±0.20	pCi/mL	GE
0	Tritium	1.4±0.20	pCi/mL	MT

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 13:50
Depth to water: 128.09 ft (39.04 m) below TOC — pH: 4.9
Water elevation: 221.61 ft (67.55 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 48 µS/cm — Water temperature: 25.2°C
Water evacuated before sampling: 117 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,900	µg/L	GE
1	Chloroform	2.0	µg/L	GE
0	Chloroform	<20	µg/L	MA
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	14	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	550	µg/L	GE
0	Manganese	4.1	µg/L	GE
2	Mercury	1.0	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
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	3,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	92	µg/L	GE
2	Tetrachloroethylene	112	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	880	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<20	µg/L	MA
2	Trichloroethylene	1,580	µg/L	GE
2	Trichloroethylene	1,770	µg/L	MA
0	Zinc	3.2	µg/L	GE
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<20	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	5.5±3.9	pCi/L	GE
1	Total radium	2.5±2.4	pCi/L	GE
2	Tritium	24±0.60	pCi/mL	GE

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 12:30
Depth to water: 136.85 ft (41.71 m) below TOC — pH: 5.0
Water elevation: 212.75 ft (64.85 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 22 µS/cm — Water temperature: 23.2°C
Water evacuated before sampling: 530 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	990	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 8TA collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	52	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	300	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	1,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
1	Sulfate	10,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	1.3±1.1	pCi/mL	EM
1	Total radium	3.7±2.6	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 9:30
Depth to water: 78.42 ft (23.90 m) below TOC — pH: 5.2
Water elevation: 230.58 ft (70.28 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 40 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,500	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	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	Copper	5.6	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	4.1	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	710	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	<40	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	4,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sulfate	4,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL ASB 9 collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.0±2.5	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	0.93±0.20	pCi/mL	GE

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 10:05
Depth to water: 91.45 ft (27.87 m) below TOC — pH: 10.1
Water elevation: 217.55 ft (66.31 m) msl — Alkalinity: 49 meq/L
Sp. conductance: 110 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 169 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
1	Specific conductance	109	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	15,000	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Manganese	<2.0	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	1,400	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	3,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	30	µg/L	GE
2	Tetrachloroethylene	36	µg/L	MA
0	Total dissolved solids	64,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	48	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	34	µg/L	GE
2	Trichloroethylene	44	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	1.5±1.1	pCi/mL	EM
0	Total radium	1.8±2.2	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 8:55
Depth to water: 92.24 ft (28.12 m) below TOC — pH: 5.5
Water elevation: 217.66 ft (66.34 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 37 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 104 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	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	990	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	730	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	58	µg/L	GE
2	Tetrachloroethylene	63	µg/L	MA
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	60	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	37	µg/L	GE
2	Trichloroethylene	47	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.040±1.1	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL BG 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 12:15
Depth to water: 62.80 ft (19.14 m) below TOC — pH: 7.2
Water elevation: 227.00 ft (69.19 m) msl
Sp. conductance: 89 µS/cm — Water temperature: 26.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.7±0.79	pCi/L	EM
0	Nonvolatile beta	3.5±1.3	pCi/L	EM
2	Tritium	317±3.9	pCi/mL	EM

WELL BG 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 14:15
Depth to water: 52.00 ft (15.85 m) below TOC — pH: 8.9
Water elevation: 225.20 ft (68.64 m) msl
Sp. conductance: 39 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 2 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	-0.010±0.20	pCi/L	EM
0	Nonvolatile beta	2.8±1.2	pCi/L	EM
0	Tritium	6.6±0.78	pCi/mL	EM

WELL BG 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 14:00
Depth to water: 52.50 ft (16.00 m) below TOC — pH: 4.8
Water elevation: 224.40 ft (68.40 m) msl
Sp. conductance: 48 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Gross alpha	12±5.0	pCi/L	GE
2	Gross alpha	19±4.0	pCi/L	MT
0	Gross alpha	0.88±0.56	pCi/L	EM
1	Nonvolatile beta	15±6.7	pCi/L	GE
1	Nonvolatile beta	21±4.0	pCi/L	MT
0	Nonvolatile beta	1.1±0.90	pCi/L	EM
2	Tritium	5,800±8.1	pCi/mL	GE
2	Tritium	4,300±500	pCi/mL	MT
2	Tritium	3,760±40	pCi/mL	EM

WELL BG 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 13:40
Depth to water: 54.50 ft (16.61 m) below TOC — pH: 6.7
Water elevation: 228.20 ft (69.56 m) msl
Sp. conductance: 40 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.58±0.47	pCi/L	EM
0	Nonvolatile beta	0.87±0.85	pCi/L	EM
2	Tritium	33±1.4	pCi/mL	EM

WELL BG 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 13:15
Depth to water: 47.00 ft (14.33 m) below TOC — pH: 6.3
Water elevation: 228.50 ft (69.65 m) msl
Sp. conductance: 32 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.2±0.65	pCi/L	EM
0	Nonvolatile beta	1.1±0.91	pCi/L	EM
1	Tritium	15±0.98	pCi/mL	EM

ANALYTICAL RESULTS

WELL BG 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90
Depth to water: 44.50 ft (13.56 m) below TOC
Water elevation: 230.50 ft (70.26 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 1 gal

Time: 13:00
pH: 6.6

Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.39±0.39	pCi/L	EM
0	Nonvolatile beta	1.1±0.89	pCi/L	EM
2	Tritium	21±1.1	pCi/mL	EM

WELL BG 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: 61.50 ft (18.75 m) below TOC
Water elevation: 233.20 ft (71.08 m) msl
Sp. conductance: 38 µS/cm
No water was evacuated before sampling.

Time: 10:00
pH: 7.6

Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Gross alpha	9.0±2.5	pCi/L	GE
1	Gross alpha	9.9±2.6	pCi/L	GE
2	Gross alpha	23±5.0	pCi/L	MT
2	Gross alpha	180±40	pCi/L	MT
0	Gross alpha	0.78±0.54	pCi/L	EM
0	Nonvolatile beta	7.9±3.0	pCi/L	GE
0	Nonvolatile beta	9.0±3.1	pCi/L	GE
2	Nonvolatile beta	280±50	pCi/L	MT
2	Nonvolatile beta	240±40	pCi/L	MT
0	Nonvolatile beta	2.0±1.1	pCi/L	EM
2	Tritium	68±0.90	pCi/mL	GE
2	Tritium	68±0.90	pCi/mL	GE
2	Tritium	49±5.0	pCi/mL	MT
2	Tritium	56±1.7	pCi/mL	EM

WELL BG 91

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90
Depth to water: 56.96 ft (17.36 m) below TOC
Water elevation: 216.44 ft (65.97 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 8:25
pH: 4.8
Alkalinity: 1 meq/L
Water temperature: 18.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	46	µS/cm	GE
0	Specific conductance	46	µS/cm	GE
1	Alkalinity	5,600	µg/L	GE
1	Alkalinity	5,300	µg/L	GE
0	Aluminum	28	µg/L	GE
0	Aluminum	21	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	8.1	µg/L	GE
0	Barium	8.5	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	2,000	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Chloride	3,000	µg/L	GE
0	Chloride	3,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	140	µg/L	GE
1	Copper	140	µg/L	GE

WELL BG 91 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	230	µg/L	GE
1	Iron	220	µg/L	GE
2	Lead	62	µg/L	GE
2	Lead	61	µg/L	GE
0	Magnesium	850	µg/L	GE
0	Magnesium	870	µg/L	GE
0	Manganese	10	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	23	µg/L	GE
1	Nickel	20	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	840	µg/L	GE
0	Potassium	820	µg/L	GE
0	Silica	5,900	µg/L	GE
0	Silica	5,700	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	3,700	µg/L	GE
0	Sulfate	8,000	µg/L	GE
0	Sulfate	8,200	µg/L	GE
1	Total carbon	15,000	µg/L	GE
1	Total carbon	15,000	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total dissolved solids	28,000	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 phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	15	µg/L	GE
0	Zinc	14	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.3±1.1	pCi/L	GE
0	Nonvolatile beta	2.9±1.1	pCi/L	GE
1	Total activity	12±1.3	pCi/mL	EM
0	Tritium	6.1±0.30	pCi/mL	GE
0	Tritium	6.2±0.30	pCi/mL	GE

WELL BG 92

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90
Depth to water: 57.33 ft (17.47 m) below TOC
Water elevation: 197.87 ft (60.31 m) msl
Sp. conductance: 249 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 9:20
pH: 6.1
Alkalinity: 78 meq/L
Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
1	Specific conductance	200	µS/cm	GE
1	Alkalinity	88,900	µg/L	GE
0	Aluminum	28	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	290	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	17,000	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.7	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	56	µg/L	GE
0	Lead	<3.0	µg/L	GE

WELL BG 92 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	1,000	µg/L	GE
1	Manganese	41	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	10	µg/L	GE
0	Nitrate as nitrogen	130	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	7,100	µg/L	GE
0	Silica	5,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	12,000	µg/L	GE
0	Sulfate	4,700	µg/L	GE
1	Total carbon	27,000	µg/L	GE
0	Total dissolved solids	108,000	µg/L	GE
1	Total inorganic carbon	26,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	72	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	6.9±4.0	pCi/L	GE
1	Total activity	7.4±1.2	pCi/mL	EM
0	Tritium	6.5±0.30	pCi/mL	GE

WELL BG 93

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 Time: 9:50
Depth to water: 59.24 ft (18.06 m) below TOC pH: 4.2
Water elevation: 199.26 ft (60.74 m) msl Alkalinity: 80 meq/L
Sp. conductance: 80 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	GE
0	Specific conductance	91	µS/cm	GE
1	Alkalinity	17,000	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	330	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	29	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
1	Iron	190	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	62	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	13	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	16,000	µg/L	GE
1	Sulfate	17,300	µg/L	GE
1	Total carbon	22,000	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
1	Total inorganic carbon	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	31	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	5.1±0.30	pCi/mL	GE

WELL BG 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90 Time: 11:50
Depth to water: 60.61 ft (18.47 m) below TOC pH: 5.6
Water elevation: 190.19 ft (57.97 m) msl Alkalinity: 10 meq/L
Sp. conductance: 95 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 102 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
1	Specific conductance	101	µS/cm	GE
1	Alkalinity	14,800	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,900	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.9	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	19	µg/L	GE
0	Magnesium	840	µg/L	GE
2	Manganese	70	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	10,000	µg/L	GE
1	Sulfate	23,700	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	71,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	270	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
1	Zinc	600	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	3.2±1.4	pCi/mL	EM
0	Tritium	4.5±0.30	pCi/mL	GE

WELL BG 95

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 Time: 10:20
Depth to water: 30.63 ft (9.34 m) below TOC
Water elevation: 191.87 ft (58.48 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL BG 96

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 Time: 11:15
Depth to water: 48.05 ft (14.65 m) below TOC pH: 4.3
Water elevation: 197.15 ft (60.09 m) msl Alkalinity: 6 meq/L
Sp. conductance: 35 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	38	µS/cm	GE
1	Alkalinity	4,600	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	7.4	µg/L	GE
0	Beryllium	<3.0	µg/L	GE

ANALYTICAL RESULTS

WELL BG 99 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,300	µg/L	GE
0	Chloride	2,400	µg/L	GE
1	Chromium	9.9	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	66	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	430	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,150	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,400	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	Total carbon	10,000	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
1	Total inorganic carbon	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	200	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	23	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	11±1.3	pCi/mL	EM
0	Tritium	9.9±0.40	pCi/mL	GE

WELL BG 101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90
Depth to water: 38.91 ft (11.25 m) below TOC
Water elevation: 194.48 ft (59.28 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 92 gal
Time: 12:05
pH: 3.9
Alkalinity: 1 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	23	µS/cm	GE
1	Alkalinity	14,200	µg/L	GE
0	Aluminum	28	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	120	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	9.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	710	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	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	<1,000	µg/L	GE
1	Total carbon	10,000	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
1	Total inorganic carbon	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	130	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	92	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE

WELL BG 101 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	302±3.9	pCi/mL	EM
2	Tritium	328±1.8	pCi/mL	GE

WELL BG 103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90
Depth to water: 40.30 ft (12.28 m) below TOC
Water elevation: 199.20 ft (60.72 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 83 gal
Time: 12:35
pH: 4.1
Alkalinity: 1 meq/L
Water temperature: 19.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Specific conductance	24	µS/cm	GE
1	Alkalinity	4,900	µg/L	GE
1	Alkalinity	4,900	µg/L	GE
0	Aluminum	37	µg/L	GE
0	Aluminum	36	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Barium	3.8	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	1,700	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	30	µg/L	GE
1	Copper	28	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	19	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Manganese	4.2	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	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	760	µg/L	GE
0	Nitrate as nitrogen	760	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,200	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	1,600	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	9,000	µg/L	GE
1	Total carbon	9,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE

WELL BG 103 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	20	µg/L	GE
0	Zinc	20	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	2.6 ± 3.6	pCi/L	GE
2	Tritium	99 ± 1.0	pCi/mL	GE
2	Tritium	102 ± 1.1	pCi/mL	GE

WELL BG 104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 12:50
Depth to water: Not available — pH: 8.1
Water elevation: Not available — Alkalinity: 22 meq/L
Sp. conductance: 83 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.8	pH	GE
0	Specific conductance	95	µS/cm	GE
1	Alkalinity	42,000	µg/L	GE
1	Aluminum	330	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	14,000	µg/L	GE
0	Chloride	3,100	µg/L	GE
1	Chromium	4.2	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	7.3	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
1	Iron	150	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	190	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
1	Total carbon	16,000	µg/L	GE
0	Total dissolved solids	54,000	µg/L	GE
1	Total inorganic carbon	15,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	2.4 ± 3.3	pCi/L	GE
1	Tritium	16 ± 0.50	pCi/mL	GE

WELL BG 107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 15:00
Inaccessibility or pump failure prevented sample collection.

WELL BG 108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 14:45
Depth to water: 30.82 ft (9.39 m) below TOC — pH: 4.7
Water elevation: 238.48 ft (72.68 m) msl — Alkalinity: 13 meq/L
Sp. conductance: 46 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	44	µS/cm	GE
1	Alkalinity	12,000	µg/L	GE
0	Aluminum	44	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
1	Barium	52	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,600	µg/L	GE
0	Chloride	1,600	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
1	Copper	150	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	77	µg/L	GE
2	Lead	38	µg/L	GE
0	Magnesium	1,200	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
1	Nickel	9.7	µg/L	GE
0	Nitrate as nitrogen	1,160	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	7,200	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	28,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
1	Total inorganic carbon	27,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	160	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
2	Tritium	34 ± 0.60	pCi/mL	GE

WELL BG 109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 14:15
Depth to water: Not available — pH: 4.3
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 37 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.4	pH	MT
0	Specific conductance	36	µS/cm	GE
0	Specific conductance	47	µS/cm	MT
1	Alkalinity	5,000	µg/L	GE
1	Alkalinity	3,890	µg/L	MT
0	Aluminum	40	µg/L	GE
0	Aluminum	45	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Barium	8.9	µg/L	GE
0	Barium	8.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	Beryllium	< 0.50	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	1,100	µg/L	GE
0	Calcium	575	µg/L	MT
0	Chloride	2,200	µg/L	GE
0	Chloride	2,180	µg/L	MT

ANALYTICAL RESULTS

WELL BG 109 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
1	Copper	220	µg/L	GE
1	Copper	212	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
1	Iron	190	µg/L	GE
0	Iron	18	µg/L	MT
2	Lead	45	µg/L	GE
2	Lead	41	µg/L	MT
0	Magnesium	390	µg/L	GE
0	Magnesium	358	µg/L	MT
0	Manganese	9.4	µg/L	GE
0	Manganese	8.3	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
1	Nickel	8.1	µg/L	GE
0	Nickel	5.7	µg/L	MT
1	Nitrate as nitrogen	3,070	µg/L	GE
0	Nitrate as nitrogen	2,660	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
1	Phenols	6.4	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Silica	6,100	µg/L	GE
0	Silica	6,720	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
1	Sodium	5,300	µg/L	GE
1	Sodium	5,050	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
1	Total carbon	7,000	µg/L	GE
1	Total carbon	3,090	µg/L	MT
0	Total dissolved solids	43,000	µg/L	GE
0	Total dissolved solids	49,000	µg/L	MT
1	Total inorganic carbon	6,000	µg/L	GE
1	Total inorganic carbon	3,690	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Zinc	53	µg/L	GE
0	Zinc	54	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	2.8±2.2	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
2	Tritium	28±0.60	pCi/mL	GE
2	Tritium	20±2.0	pCi/mL	MT

WELL BG 109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 14:15
Depth to water: Not available — pH: 4.3
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 37 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.5	pH	MT
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	72	µS/cm	MT
1	Alkalinity	5,000	µg/L	GE
1	Alkalinity	4,320	µg/L	MT
1	Aluminum	80	µg/L	GE
1	Aluminum	83	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Barium	4.6	µg/L	GE
0	Barium	5.7	µg/L	MT

WELL BG 109 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	840	µg/L	GE
0	Calcium	589	µg/L	MT
0	Chloride	2,200	µg/L	GE
0	Chloride	2,120	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
1	Copper	210	µg/L	GE
1	Copper	202	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
2	Iron	390	µg/L	GE
0	Iron	16	µg/L	MT
2	Lead	47	µg/L	GE
2	Lead	43	µg/L	MT
0	Magnesium	370	µg/L	GE
0	Magnesium	345	µg/L	MT
0	Manganese	11	µg/L	GE
0	Manganese	7.8	µg/L	MT
1	Mercury	0.49	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nickel	8.4	µg/L	GE
0	Nickel	5.9	µg/L	MT
1	Nitrate as nitrogen	3,010	µg/L	GE
0	Nitrate as nitrogen	2,750	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Silica	6,100	µg/L	GE
0	Silica	5,270	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	3,800	µg/L	GE
0	Sodium	4,880	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
1	Total carbon	7,000	µg/L	GE
1	Total carbon	2,760	µg/L	MT
0	Total dissolved solids	34,000	µg/L	GE
0	Total dissolved solids	41,000	µg/L	MT
1	Total inorganic carbon	6,000	µg/L	GE
1	Total inorganic carbon	2,760	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	2,080	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Zinc	40	µg/L	GE
0	Zinc	53	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	2.1±3.5	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
2	Tritium	28±0.60	pCi/mL	GE
2	Tritium	20±2.0	pCi/mL	MT

WELL BG 110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 13:35
Depth to water: 55.67 ft (16.97 m) below TOC — pH: 4.0
Water elevation: 238.63 ft (72.74 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 65 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 27 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	65	µS/cm	GE
1	Alkalinity	2,000	µg/L	GE
1	Aluminum	370	µg/L	GE

WELL BG 110 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Antimony	<3.0	µg/L	GE
1	Barium	95	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Chloride	4,200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	140	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
2	Iron	380	µg/L	GE
2	Lead	48	µg/L	GE
0	Magnesium	2,600	µg/L	GE
2	Manganese	74	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	11	µg/L	GE
1	Nitrate as nitrogen	5,250	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	760	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	<1,000	µg/L	GE
1	Total carbon	18,000	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
1	Total inorganic carbon	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	71	µg/L	GE
0	Gross alpha	2.9±2.4	pCi/L	GE
0	Nonvolatile beta	9.0±4.2	pCi/L	GE
2	Tritium	37±0.70	pCi/mL	GE

WELL BG 121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 8:45
Depth to water: 71.00 ft (21.64 m) below TOC — pH: 5.2
Water elevation: 206.90 ft (63.06 m) msl — Alkalinity: 7 meq/L
Sp. conductance: 29 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	32	µS/cm	GE
1	Alkalinity	17,000	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	10	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	3,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	590	µg/L	GE
1	Manganese	27	µg/L	GE
1	Mercury	0.54	µg/L	GE
0	Nickel	4.8	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	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
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
1	Total inorganic carbon	13,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total phosphates	200	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE

WELL BG 121 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Zinc	2,000	µg/L	GE
1	Gross alpha	6.0±1.8	pCi/L	GE
0	Nonvolatile beta	8.6±2.6	pCi/L	GE
0	Tritium	9.1±0.40	pCi/mL	GE

WELL BG 122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 15:30
Depth to water: 38.54 ft (11.75 m) below TOC — pH: 4.1
Water elevation: 209.36 ft (63.81 m) msl — Alkalinity: 6 meq/L
Sp. conductance: 48 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	43	µS/cm	GE
1	Alkalinity	5,000	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	780	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	21	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	330	µg/L	GE
0	Manganese	6.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	6,800	µg/L	GE
0	Sulfate	4,800	µg/L	GE
1	Total carbon	14,000	µg/L	GE
0	Total dissolved solids	46,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	17	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	5.1±0.30	pCi/mL	GE

WELL BG 125

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90 — Time: 10:45
The well was dry.

ANALYTICAL RESULTS

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90
Depth to water: 57.71 ft (17.59 m) below TOC
Water elevation: 237.39 ft (72.36 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 8:50
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 26.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.72	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.84	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.8	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<3.9	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.75	ng/L	MT
0	pH	5.3	pH	MT
0	Specific conductance	45	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<2.4	ng/L	MT
0	Turbidity	15	NTU	MT
1	Aluminum	117	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	11	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	117	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,740	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	52	µg/L	MT
0	Lead	9.9	µg/L	MT
0	Magnesium	165	µg/L	MT
0	Manganese	20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	3,740	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,910	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	6,370	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	35,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	37	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT

WELL BGO 1D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
1	Tritium	12±2.0	pCi/mL	MT

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90
Depth to water: 58.53 ft (17.84 m) below TOC
Water elevation: 238.37 ft (72.66 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 66 gal

Time: 13:40
pH: 3.7
Alkalinity: 0 meq/L
Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.63	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.92	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.59	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.75	ng/L	MT
1	Octachlorodibenzo-p-dioxin isomers	3.5	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.9	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.48	ng/L	MT
0	pH	4.7	pH	MT
0	Specific conductance	42	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.93	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.94	ng/L	MT
0	Turbidity	2.1	NTU	MT
1	Aluminum	102	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	19	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,960	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	7.1	µg/L	MT
0	Magnesium	1,010	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	2,650	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT

WELL BGO 2D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	6,230	µg/L	MT
0	Silver	0.70	µg/L	MT
0	Sodium	2,380	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
1	Toluene	J 4.0	µg/L	MT
0	Total dissolved solids	58,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	11	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1, ,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.8±0.30	pCi/L	MT
1	Tritium	18±2.0	pCi/mL	MT

WELL BGO 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 12:55
Inaccessibility or pump failure prevented sample collection.

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 12:50
Inaccessibility or pump failure prevented sample collection.

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 9:15
Depth to water: 80.34 ft (24.49 m) below TOC pH: 6.2
Water elevation: 215.76 ft (65.76 m) msl Alkalinity: 15 meq/L
Sp. conductance: 52 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 16 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.56	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.99	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.61	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.69	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.95	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.7	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.73	ng/L	MT
1	pH	6.6	pH	MT
1	pH	6.6	pH	MT
0	Specific conductance	50	µS/cm	MT
0	Specific conductance	50	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	Turbidity	24	NTU	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	9.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT

WELL BGO 5C collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	5,660	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,900	µg/L	MT
0	Chloride	1,920	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	7.3	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	412	µg/L	MT
0	Manganese	17	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	4.9	µg/L	MT
0	Nitrate as nitrogen	920	µg/L	MT
0	Nitrate as nitrogen	890	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	563	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,400	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,960	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	38,000	µg/L	MT
0	Total organic carbon	2,090	µg/L	MT
0	Total organic carbon	2,020	µg/L	MT
0	Total organic halogens	5.3	µg/L	MT
0	Total organic halogens	5.1	µg/L	MT
1	Total phosphates	526	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	5.5±3.1	pCi/L	MT
0	Nonvolatile beta	<7.0	pCi/L	MT
1	Total radium	3.3±0.40	pCi/L	MT
1	Tritium	16±2.0	pCi/mL	MT

ANALYTICAL RESULTS

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90
Depth to water: 64.83 ft (19.76 m) below TOC
Water elevation: 231.47 ft (70.55 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 9:30
pH: 4.8
Alkalinity: 0 meq/L
Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.47	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.49	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.53	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.77	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.59	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.4	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.63	ng/L	MT
0	pH	5.0	pH	MT
0	Specific conductance	40	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	Turbidity	115	NTU	MT
0	Aluminum	77	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	44	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	978	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,530	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	3.4	µg/L	MT
0	Magnesium	899	µg/L	MT
1	Manganese	45	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	2,160	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	494	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,490	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,270	µg/L	MT
0	Sulfate	7,910	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	61,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	48	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT

WELL BGO 5D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	4.5±2.6	pCi/L	MT
1	Nonvolatile beta	10±4.0	pCi/L	MT
1	Total radium	3.4±0.40	pCi/L	MT
2	Tritium	39±4.0	pCi/mL	MT

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90
Depth to water: 126.95 ft (38.69 m) below TOC
Water elevation: 158.85 ft (48.36 m) msl
Sp. conductance: 310 µS/cm
Water evacuated before sampling: 148 gal

Time: 17:30
pH: 7.1
Alkalinity: 125 meq/L
Water temperature: 20.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.98	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.92	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<2.0	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<3.7	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.6	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
1	pH	6.8	pH	MT
1	Specific conductance	312	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<2.3	ng/L	MT
0	Turbidity	0.62	NTU	MT
0	Aluminum	58	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	49	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	54,300	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	143	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,420	µg/L	MT
0	Manganese	4.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,070	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	44,300	µg/L	MT

WELL BGO 6A collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<0.60	µg/L	MT
0	Sodium	2,350	µg/L	MT
0	Sulfate	8,610	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	216,000	µg/L	MT
0	Total organic carbon	1,560	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	110	µg/L	MT
0	Total phosphates	127	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.20	pCi/L	TE
1	Americium-243	0.37±0.30	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<20	pCi/L	TE
1	Carbon-14	11±6.0	pCi/L	TE
0	Cerium-141	<5.0	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cobalt-58	<2.0	pCi/L	TE
0	Cobalt-60	<2.0	pCi/L	TE
0	Curium-242	<0.10	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<6.0	pCi/L	MT
0	Gross alpha	<3.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<40	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<6.0	pCi/L	TE
0	Manganese-54	<2.0	pCi/L	TE
0	Neptunium-237	<3.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<9.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	TE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.090	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<3.0	pCi/L	TE
0	Ruthenium-106	<10	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<0.90	pCi/L	TE
0	Technetium-99	<4.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
0	Thorium-228	<1.0	pCi/L	TE
1	Thorium-230	4.6±1.2	pCi/L	TE
1	Thorium-232	1.9±0.80	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	2.0±0.90	pCi/mL	TE
1	Uranium-234	0.28±0.25	pCi/L	TE
0	Uranium-235	<0.020	pCi/L	TE
0	Uranium-238	<0.030	pCi/L	TE
0	Zinc-65	<4.0	pCi/L	TE
0	Zirconium-95	<2.0	pCi/L	TE

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 — Time: 17:50
Depth to water: 66.04 ft (20.13 m) below TOC — pH: 6.9
Water elevation: 219.56 ft (66.92 m) msl — Alkalinity: 46 meq/L
Sp. conductance: 139 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 175 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.44	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.53	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.71	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.33	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.81	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.4	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
1	pH	7.3	pH	MT
1	Specific conductance	130	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.80	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.80	ng/L	MT
0	Turbidity	1.1	NTU	MT
0	Turbidity	1.1	NTU	MT
0	Aluminum	27	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	11	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	22,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,210	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	2.2	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	5.8	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	485	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	1,010	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,400	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,210	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
1	Toluene	J 1.0	µg/L	MT
0	Total dissolved solids	115,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	120	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 6C collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<5.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
1	Total activity	1,250±30	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	990±100	pCi/mL	MT

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 17:50
Depth to water: 66.04 ft (20.13 m) below TOC pH: 6.9
Water elevation: 219.58 ft (66.92 m) msl Alkalinity: 46 meq/L
Sp. conductance: 139 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 175 gal

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 9:55
Depth to water: 53.86 ft (16.42 m) below TOC pH: 6.0
Water elevation: 231.84 ft (70.60 m) msl Alkalinity: 42 meq/L
Sp. conductance: 107 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.42	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.56	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.72	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.38	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.30	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.9	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.60	ng/L	MT
0	pH	6.3	pH	MT
0	pH	6.3	pH	MT
1	Specific conductance	124	µS/cm	MT
1	Specific conductance	124	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.91	ng/L	MT
0	Turbidity	18	NTU	MT
0	Turbidity	18	NTU	MT
0	Aluminum	35	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	27	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	21,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,750	µg/L	MT
0	Chloride	1,740	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	31	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT

WELL BGO 6D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	7.6	µg/L	MT
0	Lead	11	µg/L	MT
0	Magnesium	957	µg/L	MT
0	Manganese	21	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	2.9	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,070	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,500	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,660	µg/L	MT
0	Sulfate	1,730	µg/L	MT
0	Sulfate	1,720	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	107,000	µg/L	MT
0	Total dissolved solids	116,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	5.4	µg/L	MT
0	Total phosphates	108	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Vanadium	0.80	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	5.3±3.1	pCi/L	MT
1	Total activity	2,650±10	pCi/mL	EM
0	Total radium	1.2±0.20	pCi/L	MT
2	Tritium	3,600±400	pCi/mL	MT

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 12:45
Inaccessibility or pump failure prevented sample collection.

WELL BGO 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 12:30
Inaccessibility or pump failure prevented sample collection

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 12:35
Inaccessibility or pump failure prevented sample collection.

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 12:40
Inaccessibility or pump failure prevented sample collection.

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 16:05
Depth to water: 53.42 ft (16.28 m) below TOC pH: 4.6
Water elevation: 231.66 ft (70.62 m) msl Alkalinity: 0 meq/L
Sp. conductance: 38 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 13-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.48	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.54	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.58	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.37	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<3.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.69	ng/L	MT
0	pH	4.9	pH	GE
0	pH	5.0	pH	MT
0	Specific conductance	34	µS/cm	GE
0	Specific conductance	37	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<1.7	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<1.0	ng/L	MT
0	Turbidity	0.60	NTU	GE
0	Turbidity	0.27	NTU	MT
0	Turbidity	0.28	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	28	µg/L	GE
0	Aluminum	52	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	12	µg/L	GE
0	Barium	12	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	GE
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT

WELL BGO 9D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,800	µg/L	GE
0	Calcium	1,630	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,400	µg/L	GE
0	Chloride	2,410	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	7.3	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	62	µg/L	GE
0	Iron	<21	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	2.6	µg/L	MT
0	Magnesium	540	µg/L	GE
0	Magnesium	621	µg/L	MT
1	Manganese	31	µg/L	GE
1	Manganese	41	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,950	µg/L	GE
0	Nitrate as nitrogen	1,930	µg/L	MT
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<416	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	6,900	µg/L	GE
0	Silica	8,250	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Sodium	2,800	µg/L	GE
0	Sodium	2,760	µg/L	MT
0	Sulfate	1,800	µg/L	GE
0	Sulfate	1,100	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<972	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	41,000	µg/L	GE
0	Total dissolved solids	38,000	µg/L	MT
0	Total organic carbon	1,000	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 9D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	1,010	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	31	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.40	pCi/L	TE
0	Americium-243	<0.30	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Beryllium-7	<20	pCi/L	TE
1	Carbon-14	12±7.0	pCi/L	TE
0	Cerium-141	<5.0	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cobalt-58	<2.0	pCi/L	TE
0	Cobalt-60	<2.0	pCi/L	TE
0	Curium-242	<0.40	pCi/L	TE
0	Curium-243/244	<0.70	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<1.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<40	pCi/L	TE
1	Iron-55	90±30	pCi/L	TE
0	Iron-59	<5.0	pCi/L	TE
0	Manganese-54	<1.0	pCi/L	TE
0	Neptunium-237	<3.0	pCi/L	TE
0	Nickel-59	<90	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	TE
0	Plutonium-238	<0.40	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
1	Radium-228	2.6±1.4	pCi/L	TE
0	Ruthenium-103	<3.0	pCi/L	TE
0	Ruthenium-106	<10	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<0.80	pCi/L	TE
0	Technetium-99	<4.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
0	Thorium-228	<1.0	pCi/L	TE
1	Thorium-230	1.7±1.1	pCi/L	TE
0	Thorium-232	<0.90	pCi/L	TE
0	Total radium	1.2±3.2	pCi/L	GE
0	Total radium	1.0±0.20	pCi/L	MT
2	Tritium	87±0.90	pCi/mL	GE
2	Tritium	51±6.0	pCi/mL	MT
2	Tritium	65±2.0	pCi/mL	TE
0	Uranium-234	<0.090	pCi/L	TE

WELL BGO 9D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium-235	<0.070	pCi/L	TE
0	Uranium-238	<0.050	pCi/L	TE
0	Zinc-65	<4.0	pCi/L	TE
0	Zirconium-95	<2.0	pCi/L	TE

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 — Time: 16:05
Depth to water: 53.42 ft (16.28 m) below TOC — pH: 4.6
Water elevation: 231.68 ft (70.62 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 38 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 13-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 13-labeled TCDF	<0.40	ng/L	GE
0	Carbon 13-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.79	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.57	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.91	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.23	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.70	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<4.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.59	ng/L	MT
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	pH	5.0	pH	MT
0	Specific conductance	33	µS/cm	GE
0	Specific conductance	33	µS/cm	GE
0	Specific conductance	37	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.82	ng/L	MT
0	Turbidity	0.30	NTU	GE
0	Turbidity	0.30	NTU	GE
0	Turbidity	0.24	NTU	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	35	µg/L	GE
0	Aluminum	37	µg/L	GE
1	Aluminum	93	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT

WELL BGO 9D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	12	µg/L	GE
0	Barium	12	µg/L	GE
0	Barium	12	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	GE
0	Benzoic acid	<50	µg/L	GE
0	Benzoic acid	<50	µg/L	MT
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	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
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	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,800	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Calcium	1,690	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,500	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chloride	2,440	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	<5.0	µg/L	MT
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	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
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	MT
0	Copper	4.9	µg/L	GE
0	Copper	5.0	µg/L	GE
0	Copper	4.9	µg/L	GE
0	Copper	5.2	µg/L	GE
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
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	MT
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	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
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	MT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE

WELL BGO 9D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	22	µg/L	GE
0	Iron	28	µg/L	GE
0	Iron	<21	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	3.3	µg/L	MT
0	Magnesium	520	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Magnesium	611	µg/L	MT
1	Manganese	34	µg/L	GE
1	Manganese	35	µg/L	GE
1	Manganese	44	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,980	µg/L	GE
0	Nitrate as nitrogen	1,900	µg/L	GE
0	Nitrate as nitrogen	1,860	µg/L	MT
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	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<416	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	6,400	µg/L	GE
0	Silica	6,100	µg/L	GE
1	Silica	21,200	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Sodium	2,700	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sodium	2,880	µg/L	MT
0	Sulfate	1,100	µg/L	GE
0	Sulfate	1,100	µg/L	GE
0	Sulfate	1,110	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<972	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	63,000	µg/L	GE
0	Total dissolved solids	67,000	µg/L	GE
0	Total dissolved solids	37,000	µg/L	MT
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	MT
1	Total organic halogens	13	µg/L	GE
1	Total organic halogens	16	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
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	MT
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	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 9D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	<0.48	µg/L	MT
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)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	2.5±3.5	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Total radium	1.1±0.20	pCi/L	MT
2	Tritium	69±0.90	pCi/mL	GE
2	Tritium	67±0.90	pCi/mL	GE
2	Tritium	50±5.0	pCi/mL	MT

WELL BGO 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90
Time: 15:50
Depth to water: 136.71 ft (41.67 m) below TOC
pH: 6.6
Water elevation: 164.19 ft (50.05 m) msl
Alkalinity: 133 meq/L
Sp. conductance: 314 µS/cm
Water temperature: 20.9°C
Water evacuated before sampling: 153 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.50	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.61	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.59	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.51	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.40	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.2	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.6	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.59	ng/L	MT
1	pH	7.4	pH	MT
1	pH	7.4	pH	MT
1	Specific conductance	314	µS/cm	MT
1	Specific conductance	319	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	Turbidity	1.1	NTU	MT
0	Turbidity	1.2	NTU	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
1	Arsenic	3.6	µg/L	MT
0	Barium	9.6	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT

WELL BGO 10A collected on 07/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	56,500	µg/L	MT
1	Calcium	59,600	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,730	µg/L	MT
0	Chloride	2,730	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	75	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,520	µg/L	MT
0	Magnesium	1,610	µg/L	MT
0	Manganese	6.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	5,200	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	46,100	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,040	µg/L	MT
0	Sulfate	8,910	µg/L	MT
0	Sulfate	8,910	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	223,000	µg/L	MT
0	Total dissolved solids	220,000	µg/L	MT
0	Total organic carbon	1,210	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	106	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<8.0	pCi/L	TE
0	Cerium-144	<20	pCi/L	TE
0	Cesium-134	<3.0	pCi/L	TE
0	Cesium-137	<3.0	pCi/L	TE
0	Cobalt-58	<4.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.70	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT

WELL BGO 10A collected on 07/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<3.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<100	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<5.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	TE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<60	pCi/L	TE
0	Radium-226	<40	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<5.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Technetium-99	<7.0	pCi/L	TE
0	Thorium-228	<4.0	pCi/L	TE
0	Thorium-228	<0.10	pCi/L	TE
0	Thorium-230	<0.040	pCi/L	TE
0	Thorium-232	<0.040	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<1.0	pCi/mL	TE
0	Uranium-234	<0.040	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
1	Uranium-238	0.47±0.34	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90
Depth to water: 81.68 ft (24.90 m) below TOC
Water elevation: 219.62 ft (66.94 m) msl
Sp. conductance: 114 µS/cm
Water evacuated before sampling: 38 gal
The well went dry during purging.

Time: 10:25
pH: 8.3
Alkalinity: 30 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.39	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.62	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.69	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.75	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.59	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.9	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.59	ng/L	MT
1	pH	7.9	pH	MT
1	Specific conductance	110	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<2.2	ng/L	MT
0	Turbidity	28	NTU	MT
0	Aluminum	70	µg/L	MT
1	Antimony	2.7	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	63	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	BJ 4.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	14,300	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,100	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	6.2	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	ug/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT

WELL BGO 10C collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	511	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthylene	<10	µg/L	MT
1	Nickel	9.5	µg/L	MT
0	Nitrate as nitrogen	230	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,460	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	18,400	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	6,490	µg/L	MT
0	Sulfate	1,760	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	98,000	µg/L	MT
0	Total dissolved solids	102,000	µg/L	MT
0	Total organic carbon	1,140	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	91	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Vanadium	3.3	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Beryllium-7	<20	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<4.0	pCi/L	TE
0	Cerium-144	<9.0	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
0	Cesium-137	<1.0	pCi/L	TE
0	Cobalt-58	<2.0	pCi/L	TE
0	Cobalt-60	<2.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	<9.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<30	pCi/L	TE
0	Iron-55	<30	pCi/L	TE
0	Iron-59	<4.0	pCi/L	TE
0	Manganese-54	<1.0	pCi/L	TE
0	Neptunium-237	<3.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nonvolatile beta	6.1±3.8	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	TE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<2.0	pCi/L	TE
0	Ruthenium-106	<10	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE

ANALYTICAL RESULTS

WELL BGO 10D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Strontium-90	<0.80	pCi/L	TE
0	Technetium-99	<4.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
0	Thorium-228	<0.20	pCi/L	TE
1	Thorium-230	0.35±0.27	pCi/L	TE
0	Thorium-232	<0.30	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.6±0.20	pCi/mL	MT
0	Tritium	<1.0	pCi/mL	TE
1	Uranium-234	0.37±0.31	pCi/L	TE
0	Uranium-235	<0.040	pCi/L	TE
1	Uranium-238	0.56±0.37	pCi/L	TE
0	Zinc-65	<4.0	pCi/L	TE
0	Zirconium-95	<2.0	pCi/L	TE

WELL BGO 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 Time: 15:00
The well was dry.

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 Time: 16:25
Depth to water: 74.84 ft (22.81 m) below TOC pH: 4.2
Water elevation: 230.46 ft (70.25 m) msl Alkalinity: 0 meq/L
Sp. conductance: 33 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.40	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.62	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.40	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.53	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<2.6	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<0.81	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.8	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.62	ng/L	MT
0	pH	4.9	pH	MT
0	Specific conductance	39	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Turbidity	0.31	NTU	MT
0	Turbidity	0.27	NTU	MT
0	Aluminum	56	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.1	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,020	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,280	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	57	µg/L	MT
0	Lead	2.0	µg/L	MT

WELL BGO 11D collected on 07/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	595	µg/L	MT
0	Manganese	11	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	2,050	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,140	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,030	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,110	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	31,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	36	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
1	Trichloroethylene	J 2.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<20	pCi/L	TE
1	Carbon-14	11±6.0	pCi/L	TE
0	Cerium-141	<5.0	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cobalt-58	<2.0	pCi/L	TE
0	Cobalt-60	<2.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<1.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<60	pCi/L	TE
0	Iron-55	<30	pCi/L	TE
0	Iron-59	<6.0	pCi/L	TE
0	Manganese-54	<2.0	pCi/L	TE
0	Neptunium-237	<3.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<9.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<1.0	pCi/L	TE
1	Plutonium-238	5.2±1.3	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
1	Radium-226	1.8±0.80	pCi/L	TE
0	Radium-226	<2.0	pCi/L	TE
0	Ruthenium-103	<3.0	pCi/L	TE
0	Ruthenium-106	<10	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<0.90	pCi/L	TE
0	Technetium-99	<8.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
0	Thorium-228	<0.20	pCi/L	TE
0	Thorium-230	<0.050	pCi/L	TE
0	Thorium-232	<0.050	pCi/L	TE
0	Total radium	1.9±0.30	pCi/L	MT
2	Tritium	30±3.0	pCi/mL	MT
2	Tritium	48±2.0	pCi/mL	TE
1	Uranium-234	0.26±0.25	pCi/L	TE
0	Uranium-235	<0.020	pCi/L	TE
0	Uranium-238	<0.020	pCi/L	TE

WELL BGO 11D collected on 07/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc-65	<4.0	pCi/L	TE
0	Zirconium-95	<3.0	pCi/L	TE

WELL BGO 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 10:55
Depth to water: 133.53 ft (40.70 m) below TOC pH: 6.4
Water elevation: 179.67 ft (54.83 m) msl Alkalinity: 36 meq/L
Sp. conductance: 138 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 31 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.59	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.80	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.42	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.49	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.21	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.56	ng/L	MT
0	pH	6.5	pH	MT
1	Specific conductance	134	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.81	ng/L	MT
0	Turbidity	1.2	NTU	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	75	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	22,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,120	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	48	µg/L	MT
0	Lead	4.5	µg/L	MT
0	Magnesium	556	µg/L	MT
0	Manganese	5.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	320	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,350	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	32,200	µg/L	MT
0	Silver	0.80	µg/L	MT
0	Sodium	2,470	µg/L	MT
0	Sulfate	8,720	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	118,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	12	µg/L	MT
0	Total phosphates	140	µg/L	MT

WELL BGO 12A collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	22	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL BGO 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 12:25
Inaccessibility or pump failure prevented sample collection.

WELL BGO 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 11:15
Depth to water: 83.79 ft (25.54 m) below TOC pH: 5.7
Water elevation: 229.91 ft (70.08 m) msl Alkalinity: 10 meq/L
Sp. conductance: 75 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.73	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.63	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.56	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.51	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<2.5	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<3.6	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.52	ng/L	MT
0	pH	5.9	pH	MT
0	Specific conductance	74	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.0	ng/L	MT
0	Turbidity	12	NTU	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	29	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	4,390	µg/L	MT
0	Calcium	4,280	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,710	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 12D collected on 07/26/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	5.6	µg/L	MT
0	Magnesium	2,090	µg/L	MT
0	Manganese	15	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	4.4	µg/L	MT
0	Nitrate as nitrogen	1,670	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
1	Phenols	8.2	µg/L	MT
0	Potassium	2,340	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,150	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	4,210	µg/L	MT
0	Sodium	4,020	µg/L	MT
0	Sulfate	8,450	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	55,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	37	µg/L	MT
0	Total phosphates	27	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	54	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	14±4.0	pCi/L	MT
0	Total radium	1.7±0.30	pCi/L	MT
1	Tritium	10±1.0	pCi/mL	MT
0	Tritium	9.0±0.90	pCi/mL	MT

WELL BGO 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 11:35
Depth to water: Not available pH: 8.1
Water elevation: Not available Alkalinity: 18 meq/L
Sp. conductance: 64 µS/cm Water temperature: 29.9°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	MT
0	Specific conductance	58	µS/cm	MT
0	Turbidity	2.0	NTU	MT
0	Aluminum	<44	µg/L	MT
1	Antimony	5.2	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	5,350	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,160	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT

WELL BGO 13D collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 13	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	7.4	µg/L	MT
0	Magnesium	178	µg/L	MT
1	Manganese	45	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	46	µg/L	MT
0	Nitrate as nitrogen	190	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,810	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	4,610	µg/L	MT
0	Silver	0.70	µg/L	MT
0	Sodium	3,810	µg/L	MT
0	Sulfate	2,470	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	60,000	µg/L	MT
0	Total organic carbon	2,410	µg/L	MT
0	Total organic halogens	9.8	µg/L	MT
0	Total phosphates	15	µg/L	MT
0	trans-1,2-Dichloroetheno	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT

WELL BGO 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 Time: 7:30
Depth to water: 143.63 ft (43.78 m) below TOC pH: 11.7
Water elevation: 156.27 ft (48.24 m) msl Alkalinity: 385 meq/L
Sp. conductance: 1789 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 21 gal
The well went dry during purging

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.53	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.70	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.49	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.47	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.91	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.5	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.46	ng/L	MT
2	pH	12	pH	MT
2	pH	12	pH	MT
0	Specific conductance	1.5	µS/cm	MT
0	Specific conductance	1.5	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.99	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.88	ng/L	MT
0	Turbidity	0.99	NTU	MT
0	Turbidity	1.1	NTU	MT
2	Aluminum	1,820	µg/L	MT
2	Aluminum	2,180	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	128	µg/L	MT
1	Barium	153	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT

WELL BGO 14A collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
1	Calcium	88,500	µg/L	MT
1	Calcium	103,000	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	2,490	µg/L	MT
0	Chloride	2,490	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Copper	2.2	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	< 5.0	µg/L	MT
0	Iron	6.1	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	5.3	µg/L	MT
0	Magnesium	7.0	µg/L	MT
0	Magnesium	13	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Manganese	< 1.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	p,p'-DDD	< 0.10	µg/L	MT
1	Phenols	7.3	µg/L	MT
1	Potassium	56,900	µg/L	MT
1	Potassium	67,900	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	10,800	µg/L	MT
1	Silica	12,000	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Silver	< 2.5	µg/L	MT
1	Sodium	49,600	µg/L	MT
1	Sodium	59,200	µg/L	MT
1	Sulfate	27,200	µg/L	MT
1	Sulfate	27,200	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Tin	< 100	µg/L	MT
1	Toluene	J 4.0	µg/L	MT
0	Total dissolved solids	497,000	µg/L	MT
0	Total organic carbon	3,550	µg/L	MT
0	Total organic carbon	3,860	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	51	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
1	Vanadium	8.4	µg/L	MT
1	Vanadium	10	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
2	Nonvolatile beta	54 ± 6.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL BGO 14A collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tritium	< 1.0	pCi/mL	MT

WELL BGO 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90
Depth to water: 78.89 ft (24.05 m) below TOC
Water elevation: 223.11 ft (68.00 m) msl
Sp. conductance: 115 µS/cm
Water evacuated before sampling: 93 gal

Time: 10:10
pH: 9.6
Alkalinity: 30 meq/L
Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 1.3	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.84	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 1.6	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.82	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.5	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 3.6	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 4.4	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.89	ng/L	MT
2	pH	9.4	pH	MT
1	Specific conductance	120	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 1.4	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 1.4	ng/L	MT
0	Turbidity	3.6	NTU	MT
2	Aluminum	438	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	26	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
1	Calcium	15,200	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	2,290	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Copper	19	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 6.0	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	22	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	278	µg/L	MT
0	Manganese	2.9	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	1,290	µg/L	MT
0	p,p'-DDD	< 0.10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	2,340	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	10,600	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	3,710	µg/L	MT
0	Sulfate	1,220	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tin	< 100	µg/L	MT
1	Toluene	J 3.0	µg/L	MT
0	Total dissolved solids	65,000	µg/L	MT
0	Total dissolved solids	67,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
2	Total organic halogens	41	µg/L	MT
0	Total phosphates	102	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 14C collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
2	Trichloroethylene	42	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
1	Vanadium	2.8	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Gross alpha	< 4.0	pCi/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
1	Tritium	17 ± 2.0	pCi/mL	MT

WELL BGO 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 Time: 7:50
The well was dry.

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 Time: 10:55
Depth to water: 69.82 ft (21.28 m) below TOC pH: 5.0
Water elevation: 228.88 ft (69.76 m) msl Alkalinity: 1 meq/L
Sp. conductance: 27 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 0.34	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.71	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.49	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.37	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 0.24	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.3	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 2.6	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.65	ng/L	MT
0	pH	5.3	pH	MT
0	Specific conductance	28	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 1.0	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 1.1	ng/L	MT
0	Turbidity	2.9	NTU	MT
0	Aluminum	23	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	7.5	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	1,840	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	2,130	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT

WELL BGO 15D collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	15	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	361	µg/L	MT
0	Manganese	7.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nitrate as nitrogen	1,030	µg/L	MT
0	p,p'-DDD	< 0.10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 500	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	6,960	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	2,410	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
1	Tetrachloroethylene	J 3.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	22,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
2	Total organic halogens	72	µg/L	MT
0	Total phosphates	46	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
1	trans-1,2-Dichloroethene	34	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
2	Trichloroethylene	86	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
0	Nonvolatile beta	< 5.0	pCi/L	MT
1	Total activity	396 ± 4.6	pCi/mL	EM
0	Total radium	1.0 ± 0.20	pCi/L	MT
2	Tritium	310 ± 40	pCi/mL	MT

WELL BGO 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 11:35
Depth to water: 144.71 ft (44.11 m) below TOC pH: 11.5
Water elevation: 160.29 ft (48.86 m) msl Alkalinity: 315 meq/L
Sp. conductance: 1386 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 21 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 1.2	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.88	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.95	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 0.97	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 3.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.76	ng/L	MT
2	pH	12	pH	MT
1	Specific conductance	1,130	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 0.99	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 1.8	ng/L	MT
0	Turbidity	0.61	NTU	MT
2	Aluminum	770	µg/L	MT
1	Antimony	2.2	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
1	Barium	109	µg/L	MT

WELL BGO 16A collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	92,100	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,470	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	5.9	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	1,550	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
1	Phenols	5.4	µg/L	MT
1	Potassium	17,600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	16,700	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	16,800	µg/L	MT
1	Sulfate	10,300	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	437,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	84	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Vanadium	2.2	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.30	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	15±5.0	pCi/L	MT
0	Total radium	1.3±0.40	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 — Time: 11:50
Depth to water: 74.58 ft (22.73 m) below TOC — pH: 9.5
Water elevation: 230.02 ft (70.11 m) msl — Alkalinity: 91 meq/L
Sp. conductance: 186 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<1.5	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.95	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.76	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<3.5	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
2	pH	9.7	pH	MT
2	pH	9.6	pH	MT
1	Specific conductance	185	µS/cm	MT
1	Specific conductance	185	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.8	ng/L	MT
0	Turbidity	21	NTU	MT
0	Turbidity	21	NTU	MT
1	Aluminum	113	µg/L	MT
1	Aluminum	94	µg/L	MT
1	Antimony	3.1	µg/L	MT
1	Antimony	2.6	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	13	µg/L	MT
0	Barium	12	µg/L	MT
1	Benzene	34	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 1.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,450	µg/L	MT
0	Calcium	2,250	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,090	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	2.4	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	73	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
1	Ethylbenzene	J 3.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	30	µg/L	MT
0	Iron	28	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	393	µg/L	MT
0	Magnesium	360	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	8,030	µg/L	MT
1	Potassium	7,240	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,600	µg/L	MT
0	Silica	9,580	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 16D collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Sodium	38,300	µg/L	MT
1	Sodium	35,000	µg/L	MT
0	Sulfate	5,410	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Tin	<100	µg/L	MT
1	Toluene	25	µg/L	MT
0	Total dissolved solids	178,000	µg/L	MT
0	Total dissolved solids	185,000	µg/L	MT
0	Total organic carbon	1,030	µg/L	MT
0	Total organic carbon	1,080	µg/L	MT
2	Total organic halogens	26	µg/L	MT
0	Total phosphates	158	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Vanadium	1.7	µg/L	MT
1	Vanadium	1.7	µg/L	MT
1	Xylenes	9.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	2.1±1.7	pCi/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	8.8±3.4	pCi/L	MT
1	Nonvolatile beta	13±4.0	pCi/L	MT
1	Total activity	555±5.3	pCi/mL	EM
0	Total radium	1.1±0.40	pCi/L	MT
2	Tritium	600±60	pCi/mL	MT
2	Tritium	600±60	pCi/mL	MT

WELL BGO 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 12:30
Inaccessibility or pump failure prevented sample collection.

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 12:00
Depth to water: 134.79 ft (41.08 m) below TOC pH: 6.6
Water elevation: 160.41 ft (48.89 m) msl Alkalinity: 73 meq/L
Sp. conductance: 207 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 171 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.71	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.95	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.94	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.77	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.69	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<2.2	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<3.9	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.2	ng/L	MT
1	pH	7.0	pH	MT
1	pH	7.0	pH	MT
1	Specific conductance	199	µS/cm	MT
1	Specific conductance	195	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Turbidity	0.34	NTU	MT
0	Aluminum	<10	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	43	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT

WELL BGO 18A collected on 08/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	32,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,710	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	25	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,360	µg/L	MT
2	Manganese	59	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,280	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	30,600	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,870	µg/L	MT
0	Sulfate	8,400	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	169,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	541	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.31	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	8.7±3.2	pCi/L	MT
0	Total radium	1.6±0.40	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 12:15
Depth to water: 63.56 ft (19.37 m) below TOC pH: 4.6
Water elevation: 231.34 ft (70.51 m) msl Alkalinity: 0 meq/L
Sp. conductance: 24 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.86	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.93	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.83	ng/L	MT

WELL BGO 18D collected on 08/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Hexachlorodibenzo-p-furan isomers	<0.84	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.29	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<2.1	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.66	ng/L	MT
0	pH	5.2	pH	MT
0	Specific conductance	25	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<2.0	ng/L	MT
0	Turbidity	0.090	NTU	MT
0	Aluminum	<10	µg/L	MT
0	Aluminum	76	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	914	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,710	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	5.4	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Iron	5.3	µg/L	MT
0	Lead	2.8	µg/L	MT
0	Magnesium	374	µg/L	MT
0	Manganese	15	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	1,910	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	1,540	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,390	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	32,000	µg/L	MT
0	Total organic carbon	1,060	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	129	µg/L	MT
0	Total phosphates	128	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.13	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT

WELL BGO 18D collected on 08/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total radium	1.6±0.40	pCi/L	MT
1	Tritium	13±2.0	pCi/mL	MT

WELL BGO 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 55.11 ft (16.80 m) below TOC
Water elevation: 232.09 ft (70.74 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 114 gal

Time: 11:10
pH: 5.1
Alkalinity: 3 meq/L
Water temperature: 19.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.61	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.90	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.9	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.86	ng/L	MT
0	pH	5.7	pH	MT
0	Specific conductance	33	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	Turbidity	4.3	NTU	MT
0	Aluminum	41	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	11	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 4.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,720	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,510	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	6.9	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	252	µg/L	MT
0	Manganese	23	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	1,100	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,240	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	3,060	µg/L	MT
0	Sulfate	1,730	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	45,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	56	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 19D collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.15	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Americium-241	4.8±1.3	pCi/L	MT
1	Americium-241	5.5±1.2	pCi/L	MT
0	Antimony-125	<27	pCi/L	MT
0	Cerium-141	<5.1	pCi/L	MT
0	Cerium-144	<180	pCi/L	MT
0	Cesium-134	<20	pCi/L	MT
0	Cesium-137	<4.0	pCi/L	MT
0	Cobalt-58	<4.1	pCi/L	MT
0	Cobalt-60	<4.7	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Iodine-129	<43	pCi/L	MT
0	Manganese-54	<3.8	pCi/L	MT
0	Niobium-95	<3.8	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Plutonium-238	<1.0	pCi/L	MT
0	Plutonium-238	<1.0	pCi/L	MT
0	Plutonium-239	<1.0	pCi/L	MT
0	Plutonium-239	<1.0	pCi/L	MT
0	Radium-226	<1.0	pCi/L	MT
1	Radium-226	10±1.0	pCi/L	MT
1	Radium-228	1.6±0.90	pCi/L	MT
0	Radium-228	<64	pCi/L	MT
0	Ruthenium-103	<3.4	pCi/L	MT
0	Ruthenium-106	<32	pCi/L	MT
0	Sodium-22	<4.6	pCi/L	MT
0	Strontium-89	<1.0	pCi/L	MT
1	Strontium-90	2.0±0.20	pCi/L	MT
0	Technetium-99	<7.0	pCi/L	MT
0	Technetium-99	<7.0	pCi/L	MT
1	Thorium-228	2.6±0.70	pCi/L	MT
1	Thorium-230	3.6±0.90	pCi/L	MT
1	Thorium-232	4.6±1.6	pCi/L	MT
1	Thorium-232	2.9±0.70	pCi/L	MT
0	Total radium	1.5±0.50	pCi/L	MT
2	Tritium	31±4.0	pCi/mL	MT
2	Tritium	27±3.0	pCi/mL	MT
0	Uranium-234	<1.0	pCi/L	MT
0	Uranium-234	<1.0	pCi/L	MT
0	Uranium-235	<25	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-238	<77	pCi/L	MT
0	Uranium-238	<1.0	pCi/L	MT
0	Uranium-238	<1.0	pCi/L	MT
0	Zinc-65	<7.3	pCi/L	MT
0	Zirconium-95	<8.9	pCi/L	MT

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 50.55 ft (15.41 m) below TOC
Water elevation: 233.15 ft (71.06 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 12:25
pH: 4.8
Alkalinity: 20 meq/L
Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.83	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.2	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.71	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<1.0	ng/L	MT

WELL BGO 20D collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Octachlorodibenzo-p-dioxin isomers	<0.35	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.7	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<3.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.66	ng/L	MT
0	pH	5.6	pH	MT
0	Specific conductance	57	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.5	ng/L	MT
0	Turbidity	35	NTU	MT
0	Aluminum	35	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	38	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 1.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	3,810	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,430	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	J 2.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	2.3	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	43	µg/L	MT
0	Lead	9.4	µg/L	MT
0	Magnesium	913	µg/L	MT
2	Manganese	111	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
1	Nickel	8.0	µg/L	MT
0	Nitrate as nitrogen	1,840	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,230	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,990	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	6,780	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	79,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	10	µg/L	MT
0	Total phosphates	194	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	1.2±0.40	pCi/L	MT
1	Tritium	18±2.0	pCi/mL	MT

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 51.42 ft (15.67 m) below TOC
Water elevation: 233.98 ft (71.32 m) msl
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 9:20
pH: 5.9
Alkalinity: 24 meq/L
Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.74	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.94	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.65	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.63	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.34	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.6	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
1	pH	6.5	pH	MT
0	Specific conductance	75	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.8	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<3.0	ng/L	MT
0	Turbidity	90	NTU	MT
0	Turbidity	90	NTU	MT
0	Aluminum	43	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	14	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,550	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,520	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	9.5	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	273	µg/L	MT
1	Manganese	25	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	4.8	µg/L	MT
0	Nitrate as nitrogen	1,680	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	7,000	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,870	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	8,070	µg/L	MT
0	Sulfate	1,060	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	62,000	µg/L	MT
0	Total organic carbon	1,130	µg/L	MT
0	Total organic halogens	6.5	µg/L	MT
1	Total phosphates	479	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT

WELL BGO 21D collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	7.4±3.6	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	45±5.0	pCi/mL	MT

WELL BGO 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 54.61 ft (16.65 m) below TOC
Water elevation: 231.89 ft (70.68 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 123 gal

Time: 10:20
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.87	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.8	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.78	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.59	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.29	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.7	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<3.9	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.83	ng/L	MT
0	pH	5.3	pH	MT
0	pH	5.2	pH	MT
0	Specific conductance	28	µS/cm	MT
0	Specific conductance	28	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	Turbidity	3.0	NTU	MT
0	Aluminum	47	µg/L	MT
0	Aluminum	32	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.8	µg/L	MT
0	Barium	7.2	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	827	µg/L	MT
0	Calcium	786	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,690	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	4.4	µg/L	MT
0	Copper	3.8	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	9.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Iron	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 22D collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	2.1	µg/L	MT
0	Lead	2.0	µg/L	MT
0	Magnesium	533	µg/L	MT
0	Magnesium	510	µg/L	MT
0	Manganese	12	µg/L	MT
0	Manganese	11	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	2,020	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,020	µg/L	MT
0	Silica	6,880	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,570	µg/L	MT
0	Sodium	2,420	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Tin	<100	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	57,000	µg/L	MT
0	Total dissolved solids	48,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	5.9	µg/L	MT
0	Total phosphates	184	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.11	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Americium-241	7.8±1.3	pCi/L	MT
0	Antimony-125	<27	pCi/L	MT
0	Cerium-141	<5.3	pCi/L	MT
0	Cerium-144	<180	pCi/L	MT
0	Cesium-134	<20	pCi/L	MT
0	Cesium-137	<3.6	pCi/L	MT
0	Cobalt-58	<3.4	pCi/L	MT
0	Cobalt-60	<5.5	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Iodine-129	<42	pCi/L	MT
0	Manganese-54	<3.6	pCi/L	MT
0	Niobium-95	<3.7	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Plutonium-238	<1.0	pCi/L	MT
0	Plutonium-239	<1.0	pCi/L	MT
1	Radium-226	1.5±0.40	pCi/L	MT
0	Radium-226	<13	pCi/L	MT
0	Radium-228	<1.4	pCi/L	MT
1	Radium-228	1.3±3.0	pCi/L	MT
0	Ruthenium-103	<3.3	pCi/L	MT
0	Ruthenium-106	<35	pCi/L	MT
0	Sodium-22	<4.5	pCi/L	MT
0	Strontium-89	<1.0	pCi/L	MT
1	Strontium-90	2.9±0.30	pCi/L	MT
0	Technetium-99	<7.0	pCi/L	MT
1	Thorium-228	2.5±0.50	pCi/L	MT
1	Thorium-230	1.1±0.40	pCi/L	MT
1	Thorium-232	3.0±[illegible]	pCi/L	MT
1	Thorium-232	1.9±0.40	pCi/L	MT
0	Total radium	1.0±0.40	pCi/L	MT
1	Tritium	15±2.0	pCi/mL	MT
1	Tritium	14±2.0	pCi/mL	MT
0	Uranium-234	<1.0	pCi/L	MT
0	Uranium-235	<25	pCi/L	MT

WELL BGO 22D collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-238	<80	pCi/L	MT
0	Uranium-238	<1.0	pCi/L	MT
0	Zinc-65	<8.6	pCi/L	MT
0	Zirconium-95	<8.4	pCi/L	MT

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 11:00
Depth to water: 54.00 ft (16.46 m) below TOC pH: 5.7
Water elevation: 235.20 ft (71.69 m) msl Alkalinity: 5 meq/L
Sp. conductance: 34 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.59	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.76	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.60	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.66	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.58	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.2	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<2.2	ng/L	MT
0	pH	6.1	pH	MT
0	Specific conductance	32	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<2.0	ng/L	MT
0	Turbidity	0.34	NTU	MT
0	Turbidity	0.30	NTU	MT
0	Aluminum	16	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.9	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 1.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	709	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	840	µg/L	MT
0	Chloride	840	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	11	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	5.5	µg/L	MT
0	Lead	4.2	µg/L	MT
0	Magnesium	166	µg/L	MT
0	Manganese	5.4	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	3.4	µg/L	MT
0	Nitrate as nitrogen	1,200	µg/L	MT
0	Nitrate as nitrogen	1,170	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,160	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,430	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	4,130	µg/L	MT
0	Sulfate	<1,000	µg/L	MT

WELL BGO 23D collected on 08/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	< 100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	41,000	µg/L	MT
0	Total dissolved solids	47,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	24	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.11	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
1	Tritium	19±2.0	pCi/mL	MT

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 57.07 ft (17.40 m) below TOC
Water elevation: 236.13 ft (71.97 m) msl
Sp. conductance: 90 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 8:55
pH: 9.7
Alkalinity: 29 meq/L
Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.79	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<1.0	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.97	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<3.5	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.96	ng/L	MT
2	pH	9.8	pH	MT
0	Specific conductance	76	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.8	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Turbidity	6.8	NTU	MT
1	Aluminum	315	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	18	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 2.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	5,180	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,670	µg/L	MT
0	Chloride	1,680	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT

WELL BGO 24D collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	96	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	780	µg/L	MT
0	Nitrate as nitrogen	730	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	701	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,450	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	6,240	µg/L	MT
0	Sulfate	5,300	µg/L	MT
0	Sulfate	5,290	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<100	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	80,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	124	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Vanadium	1.8	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	2,4-Dichlorophenoxyacetic acid	J 0.39	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	4.3±0.50	pCi/mL	MT
0	Tritium	4.7±0.50	pCi/mL	MT

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90
Depth to water: 136.44 ft (41.59 m) below TOC
Water elevation: 160.06 ft (48.79 m) msl
Sp. conductance: 277 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging.

Time: 12:05
pH: 7.0
Alkalinity: 102 meq/L
Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<2.2	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.54	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.45	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.98	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.8	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<3.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.48	ng/L	MT
1	pH	7.1	pH	MT
1	Specific conductance	252	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.91	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	Turbidity	2.6	NTU	MT
0	Aluminum	<44	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 25A collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Antimony	2.1	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	40	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	BJ 3.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	44,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,500	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	41	µg/L	MT
0	Lead	5.8	µg/L	MT
0	Magnesium	783	µg/L	MT
0	Manganese	4.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
1	Nickel	11	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	961	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	48,200	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,600	µg/L	MT
0	Sulfate	9,280	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	209,000	µg/L	MT
0	Total organic carbon	1,590	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	124	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<5.0	pCi/L	MT
0	Nonvolatile beta	6.0±3.3	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 128.40 ft (39.14 m) below TOC
Water elevation: 158.60 ft (48.40 m) msl
Sp. conductance: 2310 µS/cm
Water evacuated before sampling: 37 gal
The well went dry during purging.

Time: 8:55
pH: 11.7
Alkalinity: 555 meq/L
Water temperature: 20.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	MT
0	Specific conductance	2.3	µS/cm	MT
0	Turbidity	0.41	NTU	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	78	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	87,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,660	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	5.8	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	5.8	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	90	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	290	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	22,300	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	10,100	µg/L	MT
0	Sulfate	8,940	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 3.0	µg/L	MT
0	Total dissolved solids	596,000	µg/L	MT
0	Total organic carbon	1,810	µg/L	MT
0	Total organic halogens	6.1	µg/L	MT
0	Total phosphates	17	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	10	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	8.0±4.8	pCi/L	MT
0	Total radium	1.4±0.20	pCi/L	MT
0	Tritium	1.1±0.20	pCi/mL	MT

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 9:20
Depth to water: 59.27 ft (18.07 m) below TOC — pH: 5.3
Water elevation: 226.23 ft (68.96 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 31 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	Specific conductance	32	µS/cm	MT
0	Turbidity	8.1	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	3,280	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,430	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	160	µg/L	MT
0	Lead	20	µg/L	MT
0	Magnesium	369	µg/L	MT
0	Manganese	11	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	850	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,790	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,780	µg/L	MT
0	Sulfate	1,080	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total dissolved solids	28,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	107	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	5.2±0.60	pCi/mL	MT

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 12:00
Depth to water: 56.88 ft (17.34 m) below TOC — pH: 8.7
Water elevation: 219.12 ft (66.79 m) msl — Alkalinity: 43 meq/L
Sp. conductance: 112 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 182 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.1	pH	MT
1	Specific conductance	102	µS/cm	MT
0	Turbidity	4.2	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.3	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	17,700	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,810	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	17	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	288	µg/L	MT
0	Manganese	2.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	1,150	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,810	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	1,880	µg/L	MT
0	Sulfate	1,010	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 3.0	µg/L	MT
0	Total dissolved solids	67,000	µg/L	MT
0	Total organic carbon	1,900	µg/L	MT
1	Total organic halogens	10	µg/L	MT
1	Total phosphates	380	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	14	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<5.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	82±7.0	pCi/mL	MT

ANALYTICAL RESULTS

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 50.38 ft (15.36 m) below TOC
Water elevation: 225.92 ft (68.86 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 8:35
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	26	µS/cm	MT
0	Turbidity	105	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	27	µg/L	MT
0	Barium	24	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,200	µg/L	MT
0	Calcium	1,920	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,860	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	288	µg/L	MT
1	Iron	249	µg/L	MT
0	Lead	16	µg/L	MT
0	Magnesium	1,010	µg/L	MT
0	Magnesium	876	µg/L	MT
2	Manganese	89	µg/L	MT
2	Manganese	77	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	1,320	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	978	µg/L	MT
0	Potassium	917	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,050	µg/L	MT
0	Silica	6,430	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	1,660	µg/L	MT
0	Sodium	1,440	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	31,000	µg/L	MT
0	Total organic carbon	1,050	µg/L	MT
0	Total organic halogens	5.4	µg/L	MT
0	Total phosphates	36	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	J 4.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total activity	7.4±10	pCi/mL	EM

WELL BGO 27D collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total radium	2.1±0.40	pCi/L	MT
2	Tritium	380±40	pCi/mL	MT

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 52.78 ft (16.09 m) below TOC
Water elevation: 224.62 ft (68.47 m) msl
Sp. conductance: 78 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 9:45
pH: 4.7
Alkalinity: 5 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	65	µS/cm	MT
0	Turbidity	123	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	28	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,790	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	11,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	9.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	785	µg/L	MT
0	Lead	13	µg/L	MT
0	Magnesium	876	µg/L	MT
2	Manganese	151	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	880	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	946	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,620	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	9,310	µg/L	MT
0	Sulfate	2,500	µg/L	MT
1	Tetrachloroethylene	J 3.0	µg/L	MT
1	Toluene	J 3.0	µg/L	MT
0	Total dissolved solids	51,000	µg/L	MT
0	Total dissolved solids	42,000	µg/L	MT
0	Total organic carbon	1,820	µg/L	MT
2	Total organic halogens	854	µg/L	MT
0	Total phosphates	294	µg/L	MT
1	Total phosphates	304	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	1,400	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	300	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
1	1,1-Dichloroethane	20	µg/L	MT
1	1,1-Dichloroethylene	5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<5.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total activity	2.55E+5±390	pCi/mL	EM
0	Total radium	2.0±0.40	pCi/L	MT
2	Tritium	1.7E+5±20000	pCi/mL	MT

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 105.38 ft (32.12 m) below TOC
Water elevation: 158.82 ft (48.41 m) msl
Sp. conductance: 131 µS/cm
Water evacuated before sampling: 30 gal
The well went dry during purging.

Time: 8:10
pH: 8.4
Alkalinity: 39 meq/L
Water temperature: 20.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	6.1	pH	MT
1	Specific conductance	105	µS/cm	MT
0	Turbidity	3.6	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	29	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	23,600	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,690	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	31	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	505	µg/L	MT
0	Manganese	7.6	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	1,110	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,700	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,810	µg/L	MT
0	Sulfate	1,570	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 3.0	µg/L	MT
0	Total dissolved solids	75,000	µg/L	MT
0	Total organic carbon	1,260	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	235	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	4.9±0.50	pCi/mL	MT

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 56.87 ft (17.33 m) below TOC
Water elevation: 217.63 ft (66.33 m) msl
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging.

Time: 10:25
pH: 6.0
Alkalinity: 20 meq/L
Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	MT
0	Specific conductance	74	µS/cm	MT
0	Turbidity	51	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.1	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,380	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,400	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropone	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	29	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	191	µg/L	MT
1	Manganese	26	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	460	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,770	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,180	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	8,790	µg/L	MT
0	Sulfate	7,350	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total dissolved solids	44,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	9.6	µg/L	MT
0	Total phosphates	171	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	J 4.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	9.0	µg/L	MT
1	Trichlorofluoromethane	J 2.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	15±4.0	pCi/L	MT
1	Nonvolatile beta	28±5.0	pCi/L	MT
1	Total activity	397±4.4	pCi/mL	EM
1	Total radium	2.7±0.50	pCi/L	MT
2	Tritium	320±40	pCi/mL	MT

ANALYTICAL RESULTS

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 50.75 ft (15.47 m) below TOC
Water elevation: 224.05 ft (68.29 m) msl
Sp. conductance: 80 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 10:10
pH: 4.8
Alkalinity: 6 meq/L
Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	82	µS/cm	MT
0	Turbidity	30	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	12	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	881	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	11,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	26	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	202	µg/L	MT
0	Lead	19	µg/L	MT
0	Magnesium	379	µg/L	MT
1	Manganese	42	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	680	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	722	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,770	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	7,160	µg/L	MT
0	Sulfate	2,710	µg/L	MT
1	Tetrachloroethylene	J 2.0	µg/L	MT
1	Toluene	J 3.0	µg/L	MT
0	Total dissolved solids	50,000	µg/L	MT
0	Total organic carbon	1,780	µg/L	MT
2	Total organic halogens	770	µg/L	MT
0	Total phosphates	51	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	1,400	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	100	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
1	1,1-Dichloroethane	130	µg/L	MT
1	1,1-Dichloroethylene	27	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	6.0±3.9	pCi/L	MT
1	Total activity	48,800±150	pCi/mL	EM
0	Total radium	2.0±0.40	pCi/L	MT
2	Tritium	41,000±5,000	pCi/mL	MT

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 49.18 ft (14.99 m) below TOC
Water elevation: 223.92 ft (68.25 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 32 gal
The well went dry during purging.

Time: 11:25
pH: 4.9
Alkalinity: 3 meq/L
Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	Specific conductance	29	µS/cm	MT
0	Turbidity	14	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	6.8	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,620	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,760	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	26	µg/L	MT
0	Lead	2.1	µg/L	MT
0	Magnesium	403	µg/L	MT
0	Manganese	8.4	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	1,170	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,[illegible]0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	1,780	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	38,000	µg/L	MT
0	Total organic carbon	1,930	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	78	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	J 3.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
1	Total activity	199±3.2	pCi/mL	EM
0	Total radium	1.2±0.30	pCi/L	MT
2	Tritium	170±20	pCi/mL	MT

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 Time: 11:00
Depth to water: 48.87 ft (14.90 m) below TOC pH: 4.2
Water elevation: 224.83 ft (68.53 m) msl Alkalinity: 0 meq/L
Sp. conductance: 29 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	33	µS/cm	MT
0	Turbidity	52	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	6.7	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	564	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,820	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	60	µg/L	MT
0	Lead	9.6	µg/L	MT
0	Magnesium	1,040	µg/L	MT
0	Manganese	18	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	1,230	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,750	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,260	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total dissolved solids	41,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	6.9	µg/L	MT
0	Total phosphates	65	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	18	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total activity	556±5.2	pCi/mL	EM
0	Total radium	1.7±0.30	pCi/L	MT
2	Tritium	1,100±200	pCi/mL	MT

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 Time: 11:45
Depth to water: 55.91 ft (17.04 m) below TOC pH: 4.7
Water elevation: 225.79 ft (68.82 m) msl Alkalinity: 1 meq/L
Sp. conductance: 56 µS/cm Water temperature: 24.5°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	54	µS/cm	MT
0	Turbidity	60	NTU	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	55	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,400	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,900	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	J 4.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	136	µg/L	MT
2	Lead	28	µg/L	MT
0	Magnesium	1,230	µg/L	MT
1	Manganese	30	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
1	Nitrate as nitrogen	3,570	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	611	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,050	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	5,340	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	15	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total dissolved solids	55,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	61	µg/L	MT
0	Total phosphates	119	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	8.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	J 3.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	J 2.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	11±4.0	pCi/L	MT
1	Nonvolatile beta	12±5.0	pCi/L	MT
1	Total activity	2,400±30	pCi/mL	EM
2	Total radium	5.2±0.60	pCi/L	MT
2	Tritium	4,500±500	pCi/mL	MT
2	Tritium	4,400±500	pCi/mL	MT

ANALYTICAL RESULTS

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90
Depth to water: 55.67 ft (16.97 m) below TOC
Water elevation: 223.73 ft (68.19 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 109 gal
Time: 14:05
pH: 5.6
Alkalinity: 13 meq/L
Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	pH	5.6	pH	MT
0	Specific conductance	55	µS/cm	MT
0	Specific conductance	55	µS/cm	MT
0	Turbidity	0.38	NTU	MT
0	Turbidity	0.41	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	28	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	5,440	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,420	µg/L	MT
0	Chloride	5,410	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	13	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 9.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	5.7	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	684	µg/L	MT
1	Manganese	48	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	1,120	µg/L	MT
0	Nitrate as nitrogen	1,080	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	732	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,800	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	3,700	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	J 3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	48,000	µg/L	MT
0	Total dissolved solids	49,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	130	µg/L	MT
0	Total phosphates	62	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	190	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	23	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total activity	6,940±60	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	5,400±600	pCi/mL	MT

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90
Depth to water: 55.67 ft (16.97 m) below TOC
Water elevation: 223.73 ft (68.19 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 109 gal
Time: 14:05
pH: 5.6
Alkalinity: 13 meq/L
Water temperature: 20.9°C

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 51.90 ft (15.82 m) below TOC
Water elevation: 228.40 ft (69.62 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 12:10
pH: 4.3
Alkalinity: 0 meq/L
Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	pH	4.8	pH	MT
0	Specific conductance	77	µS/cm	MT
0	Specific conductance	78	µS/cm	MT
0	Turbidity	136	NTU	MT
0	Turbidity	136	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	25	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,120	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	11,700	µg/L	MT
1	Chloride	11,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	166	µg/L	MT
0	Lead	12	µg/L	MT
0	Magnesium	2,080	µg/L	MT
0	Manganese	12	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	2,100	µg/L	MT
0	Nitrate as nitrogen	2,100	µg/L	MT
1	Phenols	7.7	µg/L	MT
0	Potassium	3,120	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	4,930	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	4,460	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total dissolved solids	58,000	µg/L	MT
0	Total dissolved solids	52,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	100	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
1	Trichlorofluoromethane	J 1.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT

WELL BGO 33D collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	4.1±2.6	pCi/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	6.3±4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total activity	35±1.6	pCi/mL	EM
2	Total radium	5.1±0.60	pCi/L	MT
2	Tritium	210±30	pCi/mL	MT
2	Tritium	200±20	pCi/mL	MT

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 44.15 ft (13.46 m) below TOC
Water elevation: 230.75 ft (70.33 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 12:35
pH: 4.6
Alkalinity: 0 meq/L
Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	30	µS/cm	MT
0	Turbidity	39	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	22	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,150	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,880	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	245	µg/L	MT
0	Lead	11	µg/L	MT
0	Magnesium	884	µg/L	MT
0	Manganese	13	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	1,060	µg/L	MT
1	Phenols	12	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,040	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,020	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	29,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	52	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT

WELL BGO 34D collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	7.4±3.2	pCi/L	MT
0	Total radium	1.1±0.20	pCi/L	MT
1	Tritium	19±2.0	pCi/mL	MT

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90
Depth to water: 46.13 ft (14.06 m) below TOC
Water elevation: 227.27 ft (69.27 m) msl
Sp. conductance: 125 µS/cm
Water evacuated before sampling: 165 gal

Time: 15:30
pH: 9.8
Alkalinity: 36 meq/L
Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.2	pH	GE
2	pH	8.9	pH	MT
0	Specific conductance	80	µS/cm	GE
0	Specific conductance	71	µS/cm	MT
0	Turbidity	0.20	NTU	GE
0	Turbidity	1.2	NTU	MT
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	20	µg/L	GE
0	Barium	20	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
1	Calcium	12,000	µg/L	GE
1	Calcium	11,700	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,700	µg/L	GE
0	Chloride	1,880	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	B 7.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Iron	<5.0	µg/L	MT
0	Lead	4.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	210	µg/L	GE
0	Magnesium	241	µg/L	MT
0	Manganese	8.0	µg/L	GE
0	Manganese	8.1	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 35C collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	1,170	µg/L	GE
0	Nitrate as nitrogen	1,190	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	7,400	µg/L	GE
0	Silica	7,830	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	2,000	µg/L	GE
0	Sodium	2,140	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	54,000	µg/L	GE
0	Total dissolved solids	54,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	39	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	6.7±0.30	pCi/mL	GE
0	Tritium	5.6±0.60	pCi/mL	MT

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 15:30
Depth to water: 46.13 ft (14.06 m) below TOC — pH: 9.8
Water elevation: 227.27 ft (69.27 m) msl — Alkalinity: 36 meq/L
Sp. conductance: 125 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 185 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.1	pH	GE
2	pH	8.9	pH	MT
0	Specific conductance	77	µS/cm	GE
0	Specific conductance	80	µS/cm	MT
0	Turbidity	0.20	NTU	GE
0	Turbidity	1.2	NTU	MT
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	19	µg/L	GE
0	Barium	19	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
1	Calcium	12,000	µg/L	GE
0	Calcium	9,550	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,600	µg/L	GE
0	Chloride	1,870	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	B 8.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Iron	8.5	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	200	µg/L	GE
0	Magnesium	253	µg/L	MT
0	Manganese	7.1	µg/L	GE
0	Manganese	9.1	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	1,150	µg/L	GE
0	Nitrate as nitrogen	1,170	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	7,100	µg/L	GE
0	Silica	7,730	µg/L	MT
0	Silver	<2.0	µg/L	GE

WELL BGO 35C collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.5	µg/L	MT
0	Sodium	1,900	µg/L	GE
0	Sodium	2,030	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	51,000	µg/L	GE
0	Total dissolved solids	57,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	45	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	7.7±0.40	pCi/mL	GE
0	Tritium	7.0±0.70	pCi/mL	MT

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 13:15
Depth to water: 40.58 ft (12.37 m) below TOC — pH: 4.3
Water elevation: 232.92 ft (70.99 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 43 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	38	µS/cm	MT
0	Turbidity	50	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	13	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	333	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,920	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT

WELL BGO 35D collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	242	µg/L	MT
0	Lead	8.6	µg/L	MT
0	Magnesium	480	µg/L	MT
0	Manganese	7.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
1	Nitrate as nitrogen	3,450	µg/L	MT
1	Phenols	5.3	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,420	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	8,750	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	33,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	1,040	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
1	Trichlorofluoromethane	J 2.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
1	Total activity	320±4.0	pCi/mL	EM
0	Total radium	1.7±0.30	pCi/L	MT
2	Tritium	310±40	pCi/mL	MT

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 13:40
Depth to water: 40.38 ft (12.31 m) below TOC — pH: 4.8
Water elevation: 235.02 ft (71.63 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 30 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	28	µS/cm	MT
0	Turbidity	621	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	21	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	179	µg/L	MT
0	Calcium	173	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,880	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 36D collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	88	µg/L	MT
0	Lead	9.7	µg/L	MT
0	Magnesium	418	µg/L	MT
1	Manganese	28	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	1,120	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,650	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	4,550	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	28,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	95	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	6.1±2.9	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	1.2±0.30	pCi/L	MT
2	Tritium	22±3.0	pCi/mL	MT

WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 15:30
Depth to water: 57.07 ft (17.40 m) below TOC — pH: 4.2
Water elevation: 229.23 ft (69.87 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 39 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 173 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	MT
0	pH	4.5	pH	MT
0	Specific conductance	35	µS/cm	MT
0	Specific conductance	35	µS/cm	MT
0	Turbidity	0.21	NTU	MT
0	Turbidity	0.26	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	9.3	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	556	µg/L	MT
2	Carbon tetrachloride	16	µg/L	MT
0	Chloride	2,280	µg/L	MT
0	Chloride	2,270	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
2	Chloroform	78	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT

WELL BGO 37C collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	13	µg/L	MT
0	Lead	3.6	µg/L	MT
0	Magnesium	465	µg/L	MT
1	Manganese	25	µg/L	MT
0	Mercury	0.23	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	2,470	µg/L	MT
0	Nitrate as nitrogen	2,470	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,980	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	3,980	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	16	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total dissolved solids	41,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	897	µg/L	MT
0	Total phosphates	28	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	470	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	1,000	µg/L	MT
1	Trichlorofluoromethane	J 3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
1	1,1-Dichloroethylene	8.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total activity	20,900±100	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	17,000±2,000	pCi/mL	MT

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 14:05
Depth to water: 50.78 ft (15.48 m) below TOC — pH: 4.9
Water elevation: 236.52 ft (72.09 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 40 µS/cm — Water temperature: 23.9°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	40	µS/cm	MT
0	Turbidity	148	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	11	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,840	µg/L	MT
0	Calcium	1,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,390	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	8.2	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT

WELL BGO 37D collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	2,450	µg/L	MT
0	Lead	6.0	µg/L	MT
0	Magnesium	381	µg/L	MT
2	Manganese	51	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
1	Nitrate as nitrogen	3,470	µg/L	MT
1	Phenols	8.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,970	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	6,360	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	39,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	102	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	20±2.0	pCi/mL	MT

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 57.51 ft (17.53 m) below TOC
Water elevation: 234.09 ft (71.35 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 14:25
pH: 4.1
Alkalinity: 0 meq/L
Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	MT
0	Specific conductance	27	µS/cm	MT
0	Turbidity	216	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	15	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	65	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,440	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	109	µg/L	MT
0	Lead	9.0	µg/L	MT
0	Magnesium	748	µg/L	MT

WELL BGO 38C collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	5.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrate as nitrogen	1,980	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,930	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,280	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	37,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	151	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	5.4±2.8	pCi/L	MT
0	Nonvolatile beta	8.5±4.2	pCi/L	MT
0	Total radium	1.0±0.20	pCi/L	MT
2	Tritium	24±3.0	pCi/mL	MT

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 61.67 ft (18.80 m) below TOC
Water elevation: 234.03 ft (71.33 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 14:45
pH: 4.0
Alkalinity: 0 meq/L
Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	26	µS/cm	MT
0	Turbidity	17	NTU	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	5.9	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	22	µg/L	MT
0	Calcium	23	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,050	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	19	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	109	µg/L	MT
0	Manganese	1.6	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 39D collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,410	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,750	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	3,430	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	28,000	µg/L	MT
0	Total dissolved solids	29,000	µg/L	MT
0	Total organic carbon	1,730	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	82	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	6.2±2.9	pCi/L	MT
0	Total radium	1.3±0.30	pCi/L	MT
2	Tritium	31±4.0	pCi/mL	MT

WELL BRD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90
Depth to water: 40.91 ft (12.47 m) below TOC
Water elevation: 184.89 ft (50.28 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 44 gal
Time: 14:45
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	5.6	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	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

WELL BRD 1 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	870	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,500	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	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	15	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	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	<100	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	76	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	14	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE

WELL BRD 1 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	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
1	Nickel	8.7	µg/L	GE
0	Nitrate as nitrogen	1,300	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Phenylenediamine	<10	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	para-Chloro-meta-cresol	<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
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	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	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	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	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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<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	11	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL BRD 1 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.8±3.7	pCi/L	GE
0	Total radium	1.1±2.0	pCi/L	GE
0	Tritium	1.0±0.20	pCi/mL	GE

WELL BRD 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 10:50
Depth to water: 38.52 ft (11.74 m) below TOC pH: 5.3
Water elevation: 188.78 ft (51.44 m) msl Alkalinity: 1 meq/L
Sp. conductance: 27 µS/cm Water temperature: 23.2°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	5.5	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL BRD 2 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	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	alpha-Benzene hexachloride	< 0.50	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	5.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 20	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 1.0	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	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	2,000	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	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
2	Copper	570	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzene hexachloride	< 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	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 50	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 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	Dimethyl phthalate	< 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	gamma-Benzene hexachloride (Lindane)	< 0.0050	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	< 100	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE

WELL BRD 2 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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
2	Lead	61	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	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	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,300	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	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	para-Chloro-meta-cresol	< 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
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	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,500	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	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	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	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE

WELL BRD 2 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<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	96	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.1±2.0	pCi/L	GE
0	Tritium	1.8±0.30	pCi/mL	GE

WELL BRD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 9:40
The well was dry.

WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 12:10
Depth to water: 35.22 ft (10.74 m) below TOC pH: 4.9
Water elevation: 162.66 ft (49.59 m) msl Alkalinity: 1 meq/L
Sp. conductance: 28 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.44	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.62	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.70	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.62	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.49	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.97	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<3.0	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.72	ng/L	MT
0	pH	5.3	pH	GE
0	pH	5.2	pH	MT
0	Specific conductance	29	µS/cm	GE
0	Specific conductance	36	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.98	ng/L	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	MT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
1	Acetone	B 37	µg/L	MT
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	MT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	MT
0	Acrolein	<20	µg/L	GE
0	Acrolein	<100	µg/L	MT
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<5.0	µg/L	MT
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.050	µg/L	MT
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<100	µg/L	MT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Aluminum	43	µg/L	MT
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	4.9	µg/L	GE
0	Barium	6.2	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	MT

ANALYTICAL RESULTS

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,000	µg/L	GE
0	Calcium	1,000	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<1.0	µg/L	MT
0	Chloride	2,100	µg/L	GE
0	Chloride	1,860	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
1	Copper	48	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	MT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	MT

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	MT
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	MT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	MT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	MT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.10	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	MT
0	Ethyl methacrylate	<5.0	µg/L	MT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.050	µg/L	MT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Hexachlorophene	<100	µg/L	GE
0	Hexachlorophene	<10	µg/L	MT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<5.0	µg/L	MT
0	Iron	18	µg/L	GE
0	Iron	25	µg/L	MT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	MT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	MT
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	9.1	µg/L	MT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	MT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	MT
0	Magnesium	390	µg/L	GE
0	Magnesium	477	µg/L	MT
0	Manganese	4.4	µg/L	GE
0	Manganese	6.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<5.0	µg/L	MT
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.050	µg/L	MT
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	MT
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methyl methacrylate	<5.0	µg/L	MT
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	MT
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	MT
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	MT
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	MT
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	1,600	µg/L	GE
0	Nitrate as nitrogen	1,570	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	MT
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	MT
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	MT
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	MT
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	MT
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	MT
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	MT
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	MT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion	<10	µg/L	MT
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<10	µg/L	MT
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	MT
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	MT
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	MT
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	MT
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	MT
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<1.0	µg/L	MT
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<1.0	µg/L	MT
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	MT
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloroethane	<10	µg/L	MT
0	Pentachloroethane	<5.0	µg/L	MT
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	MT
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	MT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phenols	<10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phorate	<0.50	µg/L	GE
0	Phorate	<10	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Pronamid	<10	µg/L	GE

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Pronamid	<10	µg/L	MT
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<5.0	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	MT
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	7,600	µg/L	GE
0	Silica	8,070	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	1,890	µg/L	MT
0	Styrene	<1.0	µg/L	GE
0	Styrene	<5.0	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	MT
0	Sulfide	<1,000	µg/L	MT
0	Sulfotepp	<10	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Thionazin	<10	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	31,000	µg/L	GE
0	Total dissolved solids	34,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,990	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<1.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<10	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<10	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Zinc	3.4	µg/L	GE
0	Zinc	17	µg/L	MT
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dibromo-3-chloropropane	<10	µg/L	MT
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethylene	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT

ANALYTICAL RESULTS

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	MT
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	MT
0	1,4-Benzoquinone	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	MT
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	MT
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Hexanone	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	J 0.35	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	MT
0	3-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 50	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	MT
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Methyl-2-pentanone	< 10	µg/L	MT
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 50	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	MT
0	4,6-Dinitro-ortho-cresol	< 50	µg/L	MT
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	MT
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	MT

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	1.6 ± 0.50	pCi/L	MT
0	Tritium	3.4 ± 0.30	pCi/mL	GE
0	Tritium	2.2 ± 0.30	pCi/mL	MT

WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 — Time: 12:10
Depth to water: 35.22 ft (10.74 m) below TOC — pH: 4.9
Water elevation: 162.68 ft (49.59 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 12-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.51	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.58	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.81	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.55	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.82	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.75	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 3.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 1.0	ng/L	MT
0	pH	5.0	pH	GE
0	pH	5.0	pH	MT
0	Specific conductance	29	µS/cm	GE
0	Specific conductance	27	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 1.4	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 1.2	ng/L	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	MT
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Acetone	< 1.0	µg/L	GE
0	Acetone	< 10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	MT
0	Acetophenone	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	MT
0	Acrolein	< 20	µg/L	GE
0	Acrolein	< 100	µg/L	MT
0	Acrylonitrile	< 20	µg/L	GE
0	Acrylonitrile	< 5.0	µg/L	MT
0	Aldrin	< 0.50	µg/L	GE
0	Aldrin	< 0.050	µg/L	MT
0	Allyl chloride	< 50	µg/L	GE
0	Allyl chloride	< 100	µg/L	MT
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	Aluminum	35	µg/L	MT
0	Aniline	< 10	µg/L	GE
0	Aniline	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Aramite	< 10	µg/L	GE
0	Aramite	< 10	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	4.8	µg/L	GE
0	Barium	6.1	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,000	µg/L	GE
0	Calcium	980	µg/L	MT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<1.0	µg/L	MT
0	Chloride	2,200	µg/L	GE
0	Chloride	1,890	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	5.5	µg/L	GE
0	Copper	17	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	MT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	MT
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	MT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	MT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	MT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.10	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	MT
0	Ethyl methacrylate	<5.0	µg/L	MT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.050	µg/L	MT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Hexachlorophene	<100	µg/L	GE
0	Hexachlorophene	<10	µg/L	MT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<5.0	µg/L	MT
0	Iron	16	µg/L	GE
0	Iron	30	µg/L	MT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	MT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	MT
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	8.4	µg/L	MT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	MT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	MT
0	Magnesium	420	µg/L	GE
0	Magnesium	471	µg/L	MT

ANALYTICAL RESULTS

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	4.3	µg/L	GE
0	Manganese	5.9	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<5.0	µg/L	MT
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.050	µg/L	MT
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	MT
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<5.0	µg/L	MT
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	MT
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	MT
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	MT
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	MT
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	1,600	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	MT
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	MT
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	MT
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	MT
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	MT
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	MT
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	MT
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	MT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion	<10	µg/L	MT
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<10	µg/L	MT
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	MT
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	MT
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	MT
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	MT
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	MT
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<1.0	µg/L	MT
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<1.0	µg/L	MT
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	MT
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloroethane	<10	µg/L	MT
0	Pentachloroethane	<5.0	µg/L	MT
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	MT

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	MT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phenols	<10	µg/L	MT
0	Phorate	<0.50	µg/L	GE
0	Phorate	<10	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Pronamid	<10	µg/L	GE
0	Pronamid	<10	µg/L	MT
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<5.0	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	MT
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	7,300	µg/L	GE
0	Silica	7,780	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	1,840	µg/L	MT
0	Styrene	<1.0	µg/L	GE
0	Styrene	<5.0	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	MT
0	Sulfotepp	<10	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Thionazin	<10	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	13,000	µg/L	GE
0	Total dissolved solids	103,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<1.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<10	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<10	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Zinc	8.1	µg/L	GE
0	Zinc	15	µg/L	MT
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dibromo-3-chloropropane	<10	µg/L	MT
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethylene	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	MT
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	MT
0	1,4-Benzoquinone	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	MT
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	MT
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Hexanone	<1.0	µg/L	GE
0	2-Hexanone	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	MT
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitroaniline	<50	µg/L	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-Picoline	<10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	MT
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	MT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Methyl-2-pentanone	<10	µg/L	MT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<50	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE

WELL BRD 4 collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	4-Nitrophenol	<10	µg/L	MT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	MT
0	4,6-Dinitro-ortho-cresol	<50	µg/L	MT
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	MT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.1±2.0	pCi/L	GE
0	Total radium	1.4±0.50	pCi/L	MT
0	Tritium	3.5±0.30	pCi/mL	GE
0	Tritium	2.3±0.30	pCi/mL	MT

WELL BRD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 13:45
Depth to water: 42.28 ft (12.88 m) below TOC pH: 5.5
Water elevation: 162.74 ft (49.60 m) msl Alkalinity: 4 meq/L
Sp. conductance: 33 µS/cm Water temperature: 23.2°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	5.7	pH	GE
0	Specific conductance	33	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	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	5.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE

ANALYTICAL RESULTS

WELL BRD 5D collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Chlordane	<0.50	µg/L	GE
0	Chloride	2,500	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	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	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	<100	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	12	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	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	Nickel	<4.0	µg/L	GE

WELL BRD 5D collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,600	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Phenylenediamine	<10	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	para-Chloro-meta-cresol	<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
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	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,700	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	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	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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<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	11	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE

WELL BRD 5D collected on 09/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	1.1±0.20	pCi/mL	GE

WELL BRR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90
Depth to water: 82.87 ft (25.26 m) below TOC
Water elevation: 213.03 ft (64.93 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 8:30
pH: 6.2
Alkalinity: 21 meq/L
Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	MT
0	Specific conductance	88	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.3	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,250	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	130	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	351	µg/L	MT
2	Manganese	55	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	860	µg/L	MT
1	Phenols	6.9	µg/L	MT
0	Potassium	802	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,800	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	13,900	µg/L	MT
1	Sulfate	10,300	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	56,000	µg/L	MT

WELL BRR 1D collected on 08/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	2,630	µg/L	MT
1	Total organic halogens	15	µg/L	MT
0	Total phosphates	122	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Gross alpha	8.4±2.9	pCi/L	MT
1	Nonvolatile beta	11±4.0	pCi/L	MT
1	Total activity	17±1.6	pCi/mL	EM
0	Total radium	1.3±0.40	pCi/L	MT
1	Tritium	17±2.0	pCi/mL	MT

WELL BRR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90
Depth to water: 80.41 ft (24.51 m) below TOC
Water elevation: 211.49 ft (64.46 m) msl
Sp. conductance: 112 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 8:50
pH: 5.8
Alkalinity: 18 meq/L
Water temperature: 25.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.0	pH	MT
1	Specific conductance	115	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	14	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,070	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,000	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	28	µg/L	MT
2	Lead	733	µg/L	MT
0	Magnesium	395	µg/L	MT
2	Manganese	113	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	3,520	µg/L	MT
1	Phenols	5.4	µg/L	MT
0	Potassium	1,220	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,400	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	19,800	µg/L	MT
0	Sulfate	9,480	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 1.0	µg/L	MT
0	Total dissolved solids	91,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	30	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
1	Trichlorofluoromethane	J 2.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL BRR 2D collected on 08/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	5.1±3.1	pCi/L	MT
1	Total activity	147±2.9	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	120±20	pCi/mL	MT

WELL BRR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90
Depth to water: 80.50 ft (24.54 m) below TOC
Water elevation: 211.20 ft (64.37 m) msl
Sp. conductance: 68 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 9:10
pH: 5.3
Alkalinity: 3 meq/L
Water temperature: 25.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	Specific conductance	64	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	20	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	1.6	µg/L	MT
0	Calcium	3,700	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,670	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	17	µg/L	MT
2	Lead	50	µg/L	MT
0	Magnesium	1,010	µg/L	MT
2	Manganese	152	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Potassium	752	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,310	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	8,360	µg/L	MT
0	Sulfate	2,360	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	60,000	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	4.3±2.1	pCi/L	MT
1	Nonvolatile beta	11±3.0	pCi/L	MT
1	Total activity	89±2.5	pCi/mL	EM
1	Total radium	2.7±0.60	pCi/L	MT
2	Tritium	71±8.0	pCi/mL	MT

WELL BRR 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90
Depth to water: 81.35 ft (24.80 m) below TOC
Water elevation: 210.85 ft (64.27 m) msl
Sp. conductance: 186 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 9:30
pH: 8.1
Alkalinity: 41 meq/L
Water temperature: 29.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.4	pH	MT
1	Specific conductance	182	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.8	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,550	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,780	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	488	µg/L	MT
0	Lead	3.9	µg/L	MT
0	Magnesium	146	µg/L	MT
1	Manganese	49	µg/L	MT
0	Mercury	0.24	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	748	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,190	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	33,200	µg/L	MT
1	Sulfate	31,700	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	112,000	µg/L	MT
0	Total organic carbon	2,370	µg/L	MT
1	Total organic halogens	21	µg/L	MT
1	Total organic halogens	20	µg/L	MT
0	Total phosphates	46	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Gross alpha	5.6±2.5	pCi/L	MT
0	Nonvolatile beta	8.1±3.2	pCi/L	MT
1	Total activity	73±2.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	89±9.0	pCi/mL	MT

WELL BRR 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 89 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.

Time: 9:50
pH: 6.2
Alkalinity: 36 meq/L
Water temperature: 28.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	MT
0	pH	6.2	pH	MT
0	Specific conductance	77	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,610	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,800	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	15	µg/L	MT
0	Lead	5.0	µg/L	MT
0	Magnesium	243	µg/L	MT
1	Manganese	36	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	740	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	4,540	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,400	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	15,000	µg/L	MT
0	Sulfate	4,630	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	50,000	µg/L	MT
0	Total dissolved solids	50,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	5.5	µg/L	MT
0	Total phosphates	50	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	6.0±2.9	pCi/L	MT
1	Total activity	7.4±1.4	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
1	Tritium	11±2.0	pCi/mL	MT

WELL CBR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 52.82 ft (16.10 m) below TOC
Water elevation: 247.78 ft (75.52 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.

Time: 11:20
pH: 5.5
Alkalinity: 3 meq/L
Water temperature: 25.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	Specific conductance	36	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	5.5	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	385	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,420	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	25	µg/L	MT
0	Lead	5.4	µg/L	MT
0	Magnesium	109	µg/L	MT
0	Manganese	9.4	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	930	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	532	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,940	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	3,880	µg/L	MT
0	Sulfate	3,030	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	68,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	43	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total activity	3.7±1.4	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
0	Tritium	2.6±0.30	pCi/mL	MT

ANALYTICAL RESULTS

WELL CBR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 9:30
Depth to water: 53.48 ft (16.30 m) below TOC — pH: 4.9
Water elevation: 247.42 ft (75.41 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 34 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	4.9	pH	MT
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	34	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Barium	36	µg/L	GE
0	Barium	30	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	480	µg/L	GE
0	Calcium	407	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,200	µg/L	GE
0	Chloride	3,340	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iron	51	µg/L	GE
0	Iron	24	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	3.8	µg/L	MT
0	Magnesium	390	µg/L	GE
0	Magnesium	324	µg/L	MT
0	Manganese	3.6	µg/L	GE
0	Manganese	3.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	1,360	µg/L	GE
0	Nitrate as nitrogen	1,380	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,400	µg/L	GE
0	Potassium	1,120	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
1	Silica	14,000	µg/L	GE
1	Silica	11,300	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	3,200	µg/L	GE
0	Sodium	2,500	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	37,000	µg/L	GE
0	Total dissolved solids	102,000	µg/L	MT

WELL CBR 2D collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	1,130	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
2	Nonvolatile beta	180±20	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
1	Total activity	3.8±1.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Total radium	1.3±0.40	pCi/L	MT
1	Tritium	19±0.50	pCi/mL	GE
1	Tritium	14±2.0	pCi/mL	MT

WELL CBR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 9:30
Depth to water: 53.48 ft (16.30 m) below TOC — pH: 4.9
Water elevation: 247.42 ft (75.41 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 34 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.2	pH	GE
0	pH	4.9	pH	MT
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	33	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Barium	38	µg/L	GE
0	Barium	35	µg/L	GE
0	Barium	27	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
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	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	500	µg/L	GE
0	Calcium	490	µg/L	GE
0	Calcium	457	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE

WELL CBR 2D collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,400	µg/L	GE
0	Chloride	3,200	µg/L	GE
0	Chloride	3,280	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	<5.0	µg/L	MT
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	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
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	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
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	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iron	29	µg/L	GE
0	Iron	28	µg/L	GE
0	Iron	26	µg/L	MT
0	Lead	4.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	3.8	µg/L	MT
0	Magnesium	390	µg/L	GE
0	Magnesium	400	µg/L	GE
0	Magnesium	301	µg/L	MT
0	Manganese	3.4	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Manganese	3.2	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	1,380	µg/L	GE
0	Nitrate as nitrogen	1,390	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,400	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Potassium	1,070	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
1	Silica	14,000	µg/L	GE
1	Silica	13,000	µg/L	GE
1	Silica	10,900	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	3,900	µg/L	GE
0	Sodium	3,200	µg/L	GE
0	Sodium	2,470	µg/L	MT
0	Sulfate	1,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	43,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total dissolved solids	111,000	µg/L	MT
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	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL CBR 2D collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
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	MT
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	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
1	Tritium	18±0.50	pCi/mL	GE
1	Tritium	19±0.50	pCi/mL	GE
1	Tritium	14±2.0	pCi/mL	MT

WELL CBR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 54.34 ft (16.56 m) below TOC
Water elevation: 247.46 ft (75.43 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 36 gal

Time: 11:00
pH: 4.8
Alkalinity: 0 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	23	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	14	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	314	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,750	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL OBR 3D collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	20	µg/L	MT
0	Lead	4.9	µg/L	MT
0	Magnesium	224	µg/L	MT
0	Manganese	5.2	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	1,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	833	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,120	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	1,880	µg/L	MT
0	Sulfate	1,100	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	60,000	µg/L	MT
0	Total organic carbon	2,840	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	17	µg/L	MT
0	Total phosphates	11	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
1	Total activity	17±1.6	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
0	Tritium	2.5±0.30	pCi/mL	MT

WELL CCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 45 gal
Time: 12:15
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 22.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT

WELL CCB 1 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Isophorone	<10	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT

WELL CCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Depth to water: 55.08 ft (16.79 m) below TOC
Water elevation: 218.32 ft (65.63 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 44 gal
Time: 11:50
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 22.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT

WELL CCB 2 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Trichloroethylene	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT

WELL CCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Depth to water: 48.67 ft (14.83 m) below TOC
Water elevation: 218.73 ft (66.67 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 13:20
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT

WELL CCB 3 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Tetrachloroethylene	0.77	µg/L	MT
1	Total organic halogens	16	µg/L	MT
0	Trichloroethylene	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Depth to water: 60.47 ft (18.43 m) below TOC
Water elevation: 222.53 ft (67.83 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 32 gal

Time: 12:30
pH: 4.9
Alkalinity: 1 meq/L
Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	GE
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
1	Bis(2-ethylhexyl) phthalate	J 1.0	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chlordane	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	delta-Benzene hexachloride	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL CCB 4 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
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	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT

WELL CCB 4 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Depth to water: 60.47 ft (18.43 m) below TOC
Water elevation: 222.53 ft (67.83 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 32 gal

Time: 12:30
pH: 4.9
Alkalinity: 1 meq/L
Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Anthracene	< 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	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	Butylbenzyl phthalate	< 10	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chlordane	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 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	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	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

WELL CCB 4 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrobenzene	< 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	para-Chloro-meta-cresol	< 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	Phenols	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE

WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90
Depth to water: 79.27 ft (24.16 m) below TOC
Water elevation: 209.63 ft (63.90 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 10:55
pH: 5.3
Alkalinity: 5 meq/L
Water temperature: 24.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
0	Iron	109	µg/L	MT
2	Lead	424	µg/L	MT
1	Manganese	42	µg/L	MT
1	Tetrachloroethylene	4.9	µg/L	MT
1	Trichloroethylene	2.0	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
2	Tritium	160 ± 20	pCi/mL	MT

WELL CDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90
Depth to water: 78.88 ft (24.04 m) below TOC
Water elevation: 209.72 ft (63.92 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 10:40
pH: 5.1
Alkalinity: 2 meq/L
Water temperature: 24.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT

WELL CDB 2 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	42	µg/L	MT
2	Lead	165	µg/L	MT
2	Manganese	65	µg/L	MT
0	Tetrachloroethylene	0.50	µg/L	MT
0	Trichloroethylene	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
1	Total activity	425 ± 4.6	pCi/mL	EM
2	Tritium	410 ± 50	pCi/mL	MT

WELL CMP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: 26.77 ft (8.16 m) below TOC
Water elevation: 201.83 ft (61.52 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 46 gal

Time: 15:50
pH: 4.9
Alkalinity: 2 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.4	pH	GE
0	Aluminum	< 20	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Aluminum	21	µg/L	GE
0	Aluminum	26	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Iron	12	µg/L	GE
0	Iron	6.0	µg/L	GE
2	Lead	51	µg/L	GE
2	Lead	50	µg/L	GE
0	Manganese	6.4	µg/L	GE
0	Manganese	6.8	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL CMP 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: 47.82 ft (14.51 m) below TOC
Water elevation: 182.08 ft (55.50 m) msl
Sp. conductance: 118 µS/cm
Water evacuated before sampling: 438 gal

Time: 15:15
pH: 5.8
Alkalinity: 25 meq/L
Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Aluminum	< 20	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
1	Iron	230	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Manganese	15	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL CMP 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 15:25
Depth to water: 31.43 ft (9.58 m) below TOC — pH: 6.4
Water elevation: 198.07 ft (60.37 m) msl — Alkalinity: 50 meq/L
Sp. conductance: 132 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 108 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	GE
0	Aluminum	<20	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	7.9	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 11:30
Depth to water: 120.37 ft (36.69 m) below TOC — pH: 8.6
Water elevation: 194.73 ft (59.35 m) msl — Alkalinity: 58 meq/L
Sp. conductance: 148 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 119 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.6	pH	GE
2	pH	8.6	pH	GE
0	Aluminum	33	µg/L	GE
0	Aluminum	34	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	29	µg/L	GE
0	Iron	26	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 13:30
Depth to water: 92.35 ft (28.15 m) below TOC — pH: 4.7
Water elevation: 218.55 ft (66.61 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 19 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 77 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Aluminum	<20	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Manganese	7.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL CMP 10 collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 12:45
Depth to water: 115.92 ft (35.33 m) below TOC — pH: 7.3
Water elevation: 194.88 ft (59.40 m) msl — Alkalinity: 80 meq/L
Sp. conductance: 197 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 149 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.7	pH	GE
0	Aluminum	<20	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	7.0	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 9:45
Depth to water: 100.46 ft (30.62 m) below TOC — pH: 4.8
Water elevation: 210.04 ft (64.02 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Aluminum	35	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Iron	370	µg/L	GE
0	Lead	10	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 14:10
Depth to water: 115.30 ft (35.14 m) below TOC — pH: 7.4
Water elevation: 194.90 ft (59.41 m) msl — Alkalinity: 82 meq/L
Sp. conductance: 191 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 141 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	GE
0	Aluminum	<20	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90
Depth to water: 77.51 ft (23.63 m) below TOC
Water elevation: 205.39 ft (62.60 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 12:20
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Aluminum	50	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Manganese	5.3	µg/L	GE
2	Tetrachloroethylene	13	µg/L	GE
1	Total organic halogens	17	µg/L	GE
2	Trichloroethylene	14	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90
Depth to water: 103.15 ft (31.44 m) below TOC
Water elevation: 180.95 ft (55.15 m) msl
Sp. conductance: 174 µS/cm
Water evacuated before sampling: 417 gal

Time: 12:45
pH: 6.4
Alkalinity: 55 meq/L
Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
0	Aluminum	23	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Iron	160	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Manganese	87	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90
Depth to water: 89.46 ft (27.27 m) below TOC
Water elevation: 194.44 ft (59.27 m) msl
Sp. conductance: 189 µS/cm
Water evacuated before sampling: 122 gal

Time: 12:05
pH: 7.3
Alkalinity: 81 meq/L
Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.9	pH	GE
0	Aluminum	<20	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	7.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
1	Tetrachloroethylene	1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90
Depth to water: 82.66 ft (25.20 m) below TOC
Water elevation: 206.54 ft (62.95 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 13:10
pH: 5.7
Alkalinity: 19 meq/L
Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	GE
0	Aluminum	<20	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Manganese	17	µg/L	GE
2	Tetrachloroethylene	25	µg/L	GE
1	Total organic halogens	15	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90
Depth to water: 84.64 ft (28.85 m) below TOC
Water elevation: 194.46 ft (59.27 m) msl
Sp. conductance: 186 µS/cm
Water evacuated before sampling: 155 gal

Time: 13:45
pH: 8.1
Alkalinity: 86 meq/L
Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.5	pH	GE
0	Aluminum	31	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: 70.02 ft (21.34 m) below TOC
Water elevation: 194.48 ft (59.28 m) msl
Sp. conductance: 173 µS/cm
Water evacuated before sampling: 168 gal

Time: 16:55
pH: 7.5
Alkalinity: 69 meq/L
Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL CMP 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 16:40
Depth to water: 52.17 ft (15.90 m) below TOC — pH: 4.4
Water elevation: 211.93 ft (64.60 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 15 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	28	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Manganese	2.7	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 11:25
Depth to water: 96.57 ft (29.43 m) below TOC — pH: 6.0
Water elevation: 179.93 ft (54.84 m) msl — Alkalinity: 22 meq/L
Sp. conductance: 97 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 431 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	GE
0	Aluminum	38	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Iron	270	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Manganese	38	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 10:05
Depth to water: 74.20 ft (22.62 m) below TOC — pH: 9.8
Water elevation: 202.20 ft (61.63 m) msl — Alkalinity: 30 meq/L
Sp. conductance: 115 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 21 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Aluminum	32	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 10:15
The well was dry.

WELL CMP 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 12:05
Depth to water: 122.21 ft (37.25 m) below TOC — pH: 7.3
Water elevation: 195.49 ft (59.59 m) msl — Alkalinity: 87 meq/L
Sp. conductance: 196 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.7	pH	GE
0	Aluminum	<20	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
C	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL CMP 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 11:45
The well was dry.

WELL CRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 10:05
Depth to water: 69.39 ft (21.15 m) below TOC — pH: 8.1
Water elevation: 205.21 ft (62.55 m) msl — Alkalinity: 12 meq/L
Sp. conductance: 40 µS/cm — Water temperature: 24.9°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Carbon tetrachloride	<10	µg/L	GE
1	Chloroform	12	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	GE
2	Total organic halogens	217	µg/L	GE
0	Total phosphates	<50	µg/L	GE
2	Trichloroethylene	397	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	GE
2	Tritium	24±0.50	pCi/mL	GE

WELL CRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 — Time: 9:05
Depth to water: 74.24 ft (22.63 m) below TOC — pH: 5.1
Water elevation: 204.46 ft (62.32 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 18 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 86 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloroform	1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
2	Trichloroethylene	23	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Total activity	263±3.8	pCi/mL	EM
2	Tritium	239±1.5	pCi/mL	GE

WELL CRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 — Time: 10:30
Depth to water: Not available — pH: 11.9
Water elevation: Not available — Alkalinity: 472 meq/L
Sp. conductance: 1942 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
2	Chromium	110	µg/L	GE
2	Lead	122	µg/L	GE
2	Tetrachloroethylene	12	µg/L	GE
2	Total organic halogens	8,930	µg/L	GE
0	Total phosphates	<50	µg/L	GE
2	Trichloroethylene	18,900	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	GE
2	Tritium	28±0.50	pCi/mL	GE

WELL CRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 — Time: 9:35
Depth to water: 63.06 ft (19.22 m) below TOC — pH: 5.1
Water elevation: 204.64 ft (62.38 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 18 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Tritium	13±0.40	pCi/mL	GE

WELL CSA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 14:00
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 49 µS/cm — Water temperature: 27.6°C
Water evacuated before sampling: 18 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	16	µg/L	GE
0	Manganese	12	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL CSA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 14:20
Depth to water: 51.05 ft (15.56 m) below TOC — pH: 5.0
Water elevation: 239.05 ft (72.86 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 41 µS/cm — Water temperature: 25.5°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	18	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total radium	1.3±2.1	pCi/L	GE

WELL CSA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 14:40
Depth to water: 50.88 ft (15.51 m) below TOC — pH: 5.0
Water elevation: 238.52 ft (72.70 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 43 µS/cm — Water temperature: 24.5°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	18	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL CSA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 15:00
Depth to water: 52.01 ft (15.85 m) below TOC — pH: 4.9
Water elevation: 238.39 ft (72.66 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 46 µS/cm — Water temperature: 24.5°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	12	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total radium	1.3±2.0	pCi/L	GE

ANALYTICAL RESULTS

WELL CSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 Time: 15:00
The well was dry.

WELL CSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 Time: 15:10
Depth to water: 76.64 ft (23.36 m) below TOC pH: 5.5
Water elevation: 207.96 ft (63.39 m) msl Alkalinity: 26 meq/L
Sp. conductance: 78 µS/cm Water temperature: 26.0°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
1	Chloroform	2.8	µg/L	MT
2	Copper	1,050	µg/L	MT
0	Iron	54	µg/L	MT
2	Lead	221	µg/L	MT
0	Manganese	18	µg/L	MT
1	Tetrachloroethylene	1.4	µg/L	MT
2	Total organic halogens	1,140	µg/L	MT
2	Trichloroethylene	1,200	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Gross alpha	4.0±3.5	pCi/L	EM
0	Nonvolatile beta	4.4±0.99	pCi/L	EM
2	Tritium	260±30	pCi/mL	MT
2	Tritium	304±3.9	pCi/mL	EM

WELL CSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 Time: 15:25
Depth to water: 77.44 ft (23.60 m) below TOC pH: 5.2
Water elevation: 207.46 ft (63.23 m) msl Alkalinity: 4 meq/L
Sp. conductance: 26 µS/cm Water temperature: 23.8°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
2	Copper	575	µg/L	MT
0	Iron	6.2	µg/L	MT
2	Lead	83	µg/L	MT
0	Manganese	9.8	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Total organic halogens	6.8	µg/L	MT
2	Trichloroethylene	2.7	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Gross alpha	1.4±2.1	pCi/L	EM
0	Nonvolatile beta	1.8±0 78	pCi/L	EM
1	Total activity	41,700±660	pCi/mL	EM
2	Tritium	37,000±4,000	pCi/mL	MT
2	Tritium	42,600±650	pCi/mL	EM

WELL CSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 Time: 16:00
Depth to water: 77.61 ft (23.66 m) below TOC pH: 4.7
Water elevation: 207.49 ft (63.24 m) msl Alkalinity: 1 meq/L
Sp. conductance: 29 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
1	Copper	29	µg/L	MT
0	Iron	23	µg/L	MT
2	Lead	33	µg/L	MT
2	Manganese	58	µg/L	MT
0	Tetrachloroethylene	0.50	µg/L	MT
1	Total organic halogens	10	µg/L	MT
2	Trichloroethylene	5.7	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
1	Gross alpha	7.7±4.9	pCi/L	EM
1	Nonvolatile beta	10±1.4	pCi/L	EM
1	Total activity	47,200±480	pCi/mL	EM
2	Tritium	39,000±4,000	pCi/mL	MT
2	Tritium	47,500±480	pCi/mL	EM

WELL CSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 Time: 14:15
Depth to water: 75.31 ft (22.95 m) below TOC pH: 10.4
Water elevation: 207.49 ft (63.24 m) msl Alkalinity: 51 meq/L
Sp. conductance: 238 µS/cm Water temperature: 25.4°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	MT
2	pH	11	pH	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	3.4	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Tetrachloroethylene	0.56	µg/L	MT
0	Total organic halogens	7.5	µg/L	MT
1	Trichloroethylene	1.7	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Gross alpha	0.38±2.0	pCi/L	EM
0	Nonvolatile beta	2.9±1.5	pCi/L	EM
1	Total activity	3,680±60	pCi/mL	EM
2	Tritium	3,200±400	pCi/mL	MT
2	Tritium	3,770±60	pCi/mL	EM

WELL CSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 Time: 14:45
Depth to water: 78.40 ft (23.90 m) below TOC pH: 5.8
Water elevation: 208.40 ft (63.52 m) msl Alkalinity: 12 meq/L
Sp. conductance: 126 µS/cm Water temperature: 25.7°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Copper	5.6	µg/L	MT
0	Iron	20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	10	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Tetrachloroethylene	1.6	µg/L	MT
0	Total organic halogens	7.1	µg/L	MT

WELL CSB 6A collected on 08/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Trichloroethylene	3.7	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Gross alpha	4.1±3.7	pCi/L	EM
0	Nonvolatile beta	3.6±0.94	pCi/L	EM
1	Total activity	418±30	pCi/mL	EM
2	Tritium	440±50	pCi/mL	MT
2	Tritium	467±30	pCi/mL	EM

WELL CSD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90
Depth to water: 74.05 ft (22.57 m) below TOC
Water elevation: 241.35 ft (73.58 m) msl
Sp. conductance: 66 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 13:30
pH: 6.1
Alkalinity: 9 meq/L
Water temperature: 28.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	59	µS/cm	GE
0	Specific conductance	59	µS/cm	GE
1	Arsenic	6.0	µg/L	GE
1	Arsenic	7.0	µg/L	GE
1	Barium	55	µg/L	GE
1	Barium	56	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	2,800	µg/L	GE
0	Chloride	3,200	µg/L	GE
0	Chloride	3,200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	56	µg/L	GE
0	Iron	56	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	910	µg/L	GE
0	Magnesium	920	µg/L	GE
0	Manganese	9.3	µg/L	GE
0	Manganese	9.1	µg/L	GE
2	Mercury	2.8	µg/L	GE
2	Mercury	2.8	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,400	µg/L	GE
0	Potassium	4,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	41,000	µg/L	GE
1	Silica	42,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,200	µg/L	GE
1	Sodium	5,200	µg/L	GE
0	Sulfate	5,600	µg/L	GE
0	Sulfate	5,700	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	116,000	µg/L	GE
0	Total dissolved solids	123,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
1	Total organic carbon	9,830	µg/L	GE
1	Total organic carbon	10,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	1,110	µg/L	GE
1	Total phosphates	1,070	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.9±3.6	pCi/L	GE
0	Nonvolatile beta	3.6±3.5	pCi/L	GE
1	Total radium	2.6±2.6	pCi/L	GE
1	Total radium	3.6±2.8	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL CSD 1D collected on 08/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tritium	<0.70	pCi/mL	GE

WELL CSD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90
Depth to water: 74.18 ft (22.60 m) below TOC
Water elevation: 241.24 ft (73.53 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 14:05
pH: 6.0
Alkalinity: 8 meq/L
Water temperature: 28.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Dissolved organic carbon	18,000	µg/L	GE

WELL CSD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90
The well was dry.

Time: 13:10

WELL CSD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90
Depth to water: 88.50 ft (20.88 m) below TOC
Water elevation: 240.00 ft (73.15 m) msl
Sp. conductance: 244 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.

Time: 14:30
pH: 10.5
Alkalinity: 146 meq/L
Water temperature: 28.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	252	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	15,000	µg/L	GE
0	Chloride	1,800	µg/L	GE
1	Chromium	6.1	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	28	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	240	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	8,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	40,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	16,000	µg/L	GE
1	Sulfate	14,600	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	143,000	µg/L	GE
0	Total hydrocarbons	<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	70	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	7.9±3.8	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

ANALYTICAL RESULTS

WELL CSD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 — Time: 13:50
Depth to water: 68.72 ft (20.95 m) below TOC — pH: 11.4
Water elevation: 239.78 ft (73.09 m) msl — Alkalinity: 159 meq/L
Sp. conductance: 739 µS/cm — Water temperature: 25.7°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Dissolved organic carbon	2,000	µg/L	GE

WELL CSD 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90 — Time: 12:20
Depth to water: 64.42 ft (19.64 m) below TOC — pH: 5.6
Water elevation: 239.48 ft (72.99 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 42 µS/cm — Water temperature: 24.0°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	950	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	35	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	2.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrite as nitrogen	<10.0	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	9,000	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	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	19	µg/L	GE
1	Total phosphates	650	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	3.3±0.30	pCi/mL	GE

WELL CSD 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 — Time: 12:55
Depth to water: 64.30 ft (19.60 m) below TOC — pH: 5.4
Water elevation: 239.60 ft (73.03 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 34 µS/cm — Water temperature: 24.1°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Dissolved organic carbon	<1,000	µg/L	GE

WELL CSD 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90 — Time: 11:40
Depth to water: 58.98 ft (17.98 m) below TOC — pH: 5.4
Water elevation: 239.22 ft (72.92 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 39 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	37	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	170	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	190	µg/L	GE
0	Manganese	6.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	980	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	66,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	34	µg/L	GE
1	Total phosphates	1,960	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.5±3.5	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	1.8±0.30	pCi/mL	GE

WELL CSD 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 — Time: 12:20
Depth to water: 58.82 ft (17.93 m) below TOC — pH: 5.6
Water elevation: 239.38 ft (72.96 m) msl — Alkalinity: 5 meq/L
Sp. conductance: 34 µS/cm — Water temperature: 23.0°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Dissolved organic carbon	<1,000	µg/L	GE

WELL CSD 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90 — Time: 12:05
Depth to water: 57.63 ft (17.57 m) below TOC — pH: 5.1
Water elevation: 238.97 ft (72.84 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.6	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	96	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE

WELL CSD 10D collected on 08/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	27	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	99	µg/L	GE
0	Manganese	6.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	870	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	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	39,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	12	µg/L	GE
1	Total phosphates	1,010	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.6±3.6	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL CSD 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90
Depth to water: 57.49 ft (17.52 m) below TOC
Water elevation: 239.11 ft (72.88 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 39 gal
Time: 12:35
pH: 5.3
Alkalinity: 2 meq/L
Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Dissolved organic carbon	<1,000	µg/L	GE

WELL CSD 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90
Depth to water: 54.38 ft (16.58 m) below TOC
Water elevation: 238.62 ft (72.73 m) msl
Sp. conductance: 134 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging
Time: 14:15
pH: 6.2
Alkalinity: 39 meq/L
Water temperature: 30.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	GE
1	Specific conductance	143	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	18,000	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	890	µg/L	GE
0	Manganese	2.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,090	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	2,200	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	101,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total organic carbon	1,240	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	330	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE

WELL CSD 11D collected on 08/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	3.9±3.5	pCi/L	GE
0	Total radium	1.8±2.2	pCi/L	GE
0	Tritium	9.8±0.40	pCi/mL	GE

WELL CSD 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90
Depth to water: 54.26 ft (16.54 m) below TOC
Water elevation: 238.74 ft (72.77 m) msl
Sp. conductance: 202 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.
Time: 13:40
pH: 6.7
Alkalinity: 48 meq/L
Water temperature: 27.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Dissolved organic carbon	<1,000	µg/L	GE

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90
Depth to water: 62.13 ft (18.94 m) below TOC
Water elevation: 239.47 ft (72.99 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 40 gal
Time: 12:35
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 26.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	4.8	pH	MT
0	Specific conductance	34	µS/cm	GE
0	Specific conductance	70	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	32	µg/L	GE
0	Barium	29	µg/L	MT
0	Barium	28	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,500	µg/L	GE
0	Calcium	1,130	µg/L	MT
0	Calcium	1,090	µg/L	MT
0	Chloride	7,400	µg/L	GE
0	Chloride	6,880	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iron	8.4	µg/L	GE
0	Iron	17	µg/L	MT
0	Iron	9.2	µg/L	MT
0	Lead	3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,000	µg/L	GE
0	Magnesium	827	µg/L	MT
0	Magnesium	816	µg/L	MT
1	Manganese	39	µg/L	GE
1	Manganese	33	µg/L	MT
1	Manganese	31	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	400	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
1	Phenols	6.5	µg/L	MT
0	Potassium	820	µg/L	GE
0	Potassium	739	µg/L	MT
0	Potassium	814	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,800	µg/L	GE
0	Silica	6,900	µg/L	MT
0	Silica	6,790	µg/L	MT

ANALYTICAL RESULTS

WELL CSD 12D collected on 08/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,300	µg/L	GE
0	Sodium	2,080	µg/L	MT
0	Sodium	2,050	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	1,200	µg/L	MT
0	Total dissolved solids	28,000	µg/L	GE
0	Total dissolved solids	66,000	µg/L	MT
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	7.0	µg/L	GE
1	Total organic halogens	10	µg/L	MT
0	Total petroleum hydrocarbons	<1,000	µg/L	MT
1	Total phosphates	320	µg/L	GE
0	Total phosphates	269	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	1.0±0.40	pCi/L	MT
0	Tritium	3.6±0.30	pCi/mL	GE
0	Tritium	2.7±0.30	pCi/mL	MT

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90 — Time: 12:35
Depth to water: 62.13 ft (18.94 m) below TOC — pH: 4.9
Water elevation: 239.47 ft (72.99 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 40 µS/cm — Water temperature: 26.3°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.5	pH	GE
0	pH	4.8	pH	MT
0	pH	4.8	pH	MT
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	34	µS/cm	MT
0	Specific conductance	33	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	26	µg/L	GE
0	Barium	26	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,200	µg/L	GE
0	Calcium	1,050	µg/L	MT
0	Chloride	7,100	µg/L	GE
0	Chloride	6,640	µg/L	MT
0	Chloride	6,760	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iron	9.3	µg/L	GE
0	Iron	7.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	820	µg/L	GE
0	Magnesium	785	µg/L	MT
1	Manganese	33	µg/L	GE
1	Manganese	30	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	380	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	MT
0	Nitrate as nitrogen	390	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
1	Phenols	23	µg/L	MT
0	Potassium	670	µg/L	GE
0	Potassium	618	µg/L	MT

WELL CSD 12D collected on 08/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,300	µg/L	GE
0	Silica	6,380	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	1,900	µg/L	GE
0	Sodium	1,800	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	1,520	µg/L	MT
0	Sulfide	1,520	µg/L	MT
0	Total dissolved solids	45,000	µg/L	GE
0	Total dissolved solids	90,000	µg/L	MT
1	Total hydrocarbons	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	9.0	µg/L	GE
1	Total organic halogens	12	µg/L	MT
1	Total organic halogens	12	µg/L	MT
0	Total petroleum hydrocarbons	<1,000	µg/L	MT
1	Total phosphates	330	µg/L	GE
0	Total phosphates	280	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	1.4±0.50	pCi/L	MT
0	Tritium	3.6±0.30	pCi/mL	GE
0	Tritium	2.6±0.30	pCi/mL	MT

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 — Time: 13:25
Depth to water: 62.00 ft (18.90 m) below TOC — pH: 4.9
Water elevation: 239.60 ft (73.03 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 41 µS/cm — Water temperature: 26.7°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	MT

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 — Time: 13:25
Depth to water: 62.00 ft (18.90 m) below TOC — pH: 4.9
Water elevation: 239.60 ft (73.03 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 41 µS/cm — Water temperature: 26.7°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Dissolved organic carbon	<1,000	µg/L	GE
1	Dissolved organic carbon	1,450	µg/L	MT

WELL CSD 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90 — Time: 11:15
Depth to water: 51.48 ft (15.69 m) below TOC — pH: 5.6
Water elevation: 238.02 ft (72.59 m) msl — Alkalinity: 12 meq/L
Sp. conductance: 63 µS/cm — Water temperature: 24.6°C
Water evacuated before sampling: 216 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	450	µg/L	GE
0	Chloride	3,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	140	µg/L	GE
1	Iron	260	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	210	µg/L	GE
1	Manganese	28	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Nitrite as nitrogen	10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	590	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	12,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	74,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total organic carbon	1,110	µg/L	GE
1	Total organic halogens	15	µg/L	GE
1	Total phosphates	5,060	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	4.6±0.30	pCi/mL	GE

WELL CSD 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 — Time: 11:55
Depth to water: 51.25 ft (15.62 m) below TOC — pH: 5.7
Water elevation: 238.25 ft (72.62 m) msl — Alkalinity: 13 meq/L
Sp. conductance: 67 µS/cm — Water temperature: 27.8°C
Water evacuated before sampling: 216 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Dissolved organic carbon	<1,000	µg/L	GE

WELL CSO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 9:35
Depth to water: 55.39 ft (16.88 m) below TOC — pH: 4.7
Water elevation: 248.51 ft (75.75 m) msl — Alkalinity: 0 meq/l
Sp. conductance: 43 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	6.6	µg/L	MT
2	Tritium	24±3.0	pCi/ml	MT

WELL CSO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 9:45
Depth to water: 53.18 ft (16.21 m) below TOC — pH: 4.8
Water elevation: 248.72 ft (75.81 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 102 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	2.9	µg/L	MT
1	Tritium	10±1.0	pCi/mL	MT

WELL CSR 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 12:55
Depth to water: 20.28 ft (6.18 m) below TOC — pH: 4.7
Water elevation: 253.81 ft (77.36 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 33 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	80	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL CSR 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 12:10
The well was dry.

WELL CSR 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 12:00
Depth to water: 31.23 ft (9.52 m) below TOC — pH: 5.0
Water elevation: 253.97 ft (77.41 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 21 µS/cm — Water temperature: 24.1°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	83	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL CSR 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 12:30
Depth to water: 30.92 ft (9.42 m) below TOC — pH: 4.9
Water elevation: 253.78 ft (77.35 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 20 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	24	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

ANALYTICAL RESULTS

WELL DBP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 — Time: 12:10
Depth to water: 17.03 ft (5.19 m) below TOC — pH: 3.8
Water elevation: 116.17 ft (36.02 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 52 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	110	µg/L	GE
0	Manganese	9.7	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL DBP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 — Time: 13:35
Depth to water: 10.91 ft (3.20 m) below TOC — pH: 3.8
Water elevation: 115.70 ft (35.28 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 222 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 83 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Iron	210	µg/L	GE
2	Manganese	410	µg/L	GE
1	Total organic halogens	20	µg/L	GE

WELL DBP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 — Time: 12:45
Depth to water: 8.84 ft (2.69 m) below TOC — pH: 4.5
Water elevation: 119.46 ft (36.41 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 56 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 87 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Iron	240	µg/L	GE
1	Iron	250	µg/L	GE
2	Manganese	140	µg/L	GE
2	Manganese	140	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL DBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 — Time: 13:10
Depth to water: 8.78 ft (2.67 m) below TOC — pH: 3.4
Water elevation: 117.44 ft (35.80 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 104 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 87 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Iron	700	µg/L	GE
2	Manganese	460	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL DCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 — Time: 14:25
Depth to water: 11.54 ft (3.52 m) below TOC — pH: 2.3
Water elevation: 115.56 ft (35.22 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 3410 µS/cm — Water temperature: 24.1°C
Water evacuated before sampling: 87 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	2.7	pH	GE
2	pH	2.7	pH	GE
2	pH	2.0	pH	MT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Aldrin	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
2	Aluminum	380,000	µg/L	GE
2	Aluminum	360,000	µg/L	GE
2	Aluminum	290,000	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Arsenic	<4.0	µg/L	GE
0	Arsenic	<4.0	µg/L	GE
1	Arsenic	6.4	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
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	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
2	Beryllium	45	µg/L	GE
2	Beryllium	48	µg/L	GE
2	Beryllium	48	µg/L	MT
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<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-chloroethoxy) methane	<10	µg/L	MT
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	MT
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	MT
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	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
2	Cadmium	9.7	µg/L	GE
2	Cadmium	9.6	µg/L	GE
2	Cadmium	13	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE

WELL DCB 1A collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chlorobenzene	<5.0	µg/l	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
2	Chromium	32	µg/L	GE
2	Chromium	33	µg/L	GE
1	Chromium	22	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Copper	200	µg/L	GE
1	Copper	210	µg/L	GE
1	Copper	212	µg/	MT
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 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	MT
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	MT
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	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 4.0	µg/L	MT
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	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	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	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
2	Fluoride	12,400	µg/L	GE
2	Fluoride	13,400	µg/L	GE
2	Fluoride	2,040	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
C	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroe hane	< 10	µg/L	MT
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	MT
2	Iron	72,000	µg/L	GE
2	Iron	71,000	µg/L	GE
2	Iron	59,000	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT

WELL DCB 1A collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Manganese	23,000	µg/L	GE
2	Manganese	25,000	µg/L	GE
2	Manganese	22,100	µg/L	MT
0	Mercury	0.29	µg/L	GE
0	Mercury	0.20	µg/L	GE
0	Mercury	0.33	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
2	Nickel	1,300	µg/L	GE
2	Nickel	1,300	µg/L	GE
2	Nickel	1,770	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
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	para-Chloro-meta-cresol	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Selenium	4.1	µg/L	MT
2	Sulfate	2.36E+06	µg/L	GE
2	Sulfate	2.32E+06	µg/L	GE
2	Sulfate	3.86E+06	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
1	Total organic carbon	5,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
1	Total organic carbon	5,700	µg/L	MT
2	Total organic halogens	88	µg/L	GE
2	Total organic halogens	82	µg/L	GE
2	Total organic halogens	126	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
1	trans-1,2-Dichloroethene	J 2.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	70	µg/L	GE
2	Trichloroethylene	63	µg/L	GE
2	Trichloroethylene	69	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
2	Zinc	4,400	µg/L	GE
2	Zinc	4,600	µg/L	GE
2	Zinc	4,390	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL DCB 1A collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<5.0	µg/L	MT
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	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	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	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
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	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
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	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
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	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
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	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
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	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	2.1±3.2	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<9.0	pCi/L	MT
1	Nonvolatile beta	16±6.1	pCi/L	GE
1	Nonvolatile beta	17±6.1	pCi/L	GE
0	Nonvolatile beta	<18	pCi/L	MT
2	Total radium	13±5.5	pCi/L	GE
2	Total radium	14±5.5	pCi/L	GE
0	Total radium	2.3±0.40	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	2.1±0.30	pCi/mL	MT

WELL DCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Depth to water: 11.54 ft (3.52 m) below TOC
Water elevation: 116.56 ft (35.22 m) msl
Sp. conductance: 3410 µS/cm
Water evacuated before sampling: 67 gal
Time: 14:25
pH: 2.3
Alkalinity: 0 meq/L
Water temperature: 24.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	2.7	pH	GE
2	pH	2.8	pH	MT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
2	Aluminum	380,000	µg/L	GE
2	Aluminum	253,000	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Arsenic	<4.0	µg/L	GE
0	Arsenic	<6.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
2	Beryllium	44	µg/L	GE
2	Beryllium	44	µg/L	MT
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<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	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
2	Cadmium	9.5	µg/L	GE
2	Cadmium	12	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<10	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
2	Chromium	33	µg/L	GE
1	Chromium	22	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Copper	200	µg/L	GE
1	Copper	193	µg/L	MT
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 4.0	µg/L	MT
0	Dieldrin	<10	µg/L	GE

WELL DCB 1A collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
2	Fluoride	12,600	µg/L	GE
2	Fluoride	2,760	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<10	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
2	Iron	71,000	µg/L	GE
2	Iron	52,900	µg/L	MT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Lead	5.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
2	Manganese	24,000	µg/L	GE
2	Manganese	20,000	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.30	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
2	Nickel	1,300	µg/L	GE
2	Nickel	1,570	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
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	para-Chloro-meta-cresol	<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	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	GE
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
2	Sulfate	1.75E+07	µg/L	GE
2	Sulfate	3.76E+06	µg/L	MT
1	Tetrachloroethylene	2.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
1	Total organic carbon	5,000	µg/L	GE
1	Total organic carbon	5,120	µg/L	MT
2	Total organic halogens	64	µg/L	GE
2	Total organic halogens	123	µg/L	MT
0	Toxaphene	<10	µg/L	GE
1	trans-1,2-Dichloroethene	J 2.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	16	µg/L	GE
2	Trichloroethylene	69	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
2	Zinc	4,500	µg/L	GE

WELL DCB 1A collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Zinc	3,910	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	2.8±3.4	pCi/L	GE
0	Gross alpha	<8.0	pCi/L	MT
1	Nonvolatile beta	19±6.2	pCi/L	GE
0	Nonvolatile beta	<18	pCi/L	MT
2	Total radium	16±6.0	pCi/L	GE
0	Total radium	2.2±0.30	pCi/L	MT
0	Tritium	1.5±0.50	pCi/mL	GE
0	Tritium	2.3±0.30	pCi/mL	MT

WELL DCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 10.28 ft (3.13 m) below TOC
Water elevation: 124.02 ft (37.80 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 70 gal

Time: 11:35
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Aluminum	40	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT

ANALYTICAL RESULTS

WELL DCB 2A collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Beryllium	<0.50	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Copper	118	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iron	51	µg/L	MT
0	Isophorone	<10	µg/L	MT
2	Lead	33	µg/L	MT
0	Manganese	14	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	30	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT

WELL DCB 2A collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	2.7±1.8	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.4±0.40	pCi/L	MT
0	Tritium	3.8±0.40	pCi/mL	MT

WELL DCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 12.95 ft (3.95 m) below TOC
Water elevation: 120.05 ft (36.59 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 63 gal
Time: 12:05
pH: 4.5
Alkalinity: 1 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
1	Aluminum	113	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	3.9	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
2	Iron	1,110	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Lead	4.9	µg/L	MT
1	Manganese	47	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
1	Nickel	11	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT

WELL DCB 3A collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Sulfate	1,720	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	1,280	µg/L	MT
0	Total organic halogens	7.1	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	J 4.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	8.4	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.4±0.40	pCi/mL	MT

WELL DCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 12:35
Depth to water: 10.33 ft (3.15 m) below TOC — pH: 3.9
Water elevation: 119.17 ft (36.32 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 701 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.0	pH	MT
0	pH	4.0	pH	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
2	Aluminum	14,800	µg/L	MT
2	Aluminum	13,400	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
1	Beryllium	17	µg/L	MT
1	Beryllium	16	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT

WELL DCB 4A collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
1	Cadmium	3.4	µg/L	MT
1	Cadmium	3.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Copper	21	µg/L	MT
0	Copper	19	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
1	Fluoride	650	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	MT
2	Iron	1,480	µg/L	MT
2	Iron	1,410	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Lead	2.5	µg/L	MT
2	Manganese	2,640	µg/L	MT
2	Manganese	2,520	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
2	Nickel	327	µg/L	MT
2	Nickel	318	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
2	Sulfate	594,000	µg/L	MT
2	Sulfate	588,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	1,040	µg/L	MT
0	Total organic carbon	1,190	µg/L	MT
0	Total organic halogens	7.1	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
1	Zinc	800	µg/L	MT
1	Zinc	783	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT

ANALYTICAL RESULTS

WELL DCB 4A collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	4.5±2.5	pCi/L	MT
0	Nonvolatile beta	8.3±4.0	pCi/L	MT
2	Total radium	5.1±0.80	pCi/L	MT
0	Tritium	4.4±0.50	pCi/mL	MT

WELL DCB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 Time: 13:05
Depth to water: 3.95 ft (1.20 m) below TOC pH: 4.5
Water elevation: 118.95 ft (36.26 m) msl Alkalinity: 0 meq/L
Sp. conductance: 621 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 87 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
2	Aluminum	3,810	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
1	Beryllium	8.5	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chlorolsopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	4.1	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
1	Fluoride	540	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iron	8.9	µg/L	MT
0	Iron	11	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Lead	2.9	µg/L	MT
2	Manganese	1,800	µg/L	MT
1	Mercury	0.77	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT

WELL DCB 5A collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Naphthalene	<10	µg/L	MT
1	Nickel	115	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
2	Sulfate	362,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	1,090	µg/L	MT
1	Total organic halogens	22	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	27	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
1	Zinc	258	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<5.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.1±0.40	pCi/L	MT
0	Tritium	3.7±0.40	pCi/mL	MT

WELL DCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 Time: 10:25
Depth to water: 16.62 ft (5.07 m) below TOC pH: 3.4
Water elevation: 116.58 ft (35.53 m) msl Alkalinity: 0 meq/L
Sp. conductance: 2810 µS/cm Water temperature: 23.7°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.3	pH	MT
0	Aluminum	35	µg/L	MT
2	Aluminum	142,000	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
2	Beryllium	21	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
2	Chromium	1,410	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	6.7	µg/L	MT

WELL DCB 6 collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Copper	305	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	1,740	µg/L	MT
2	Iron	124,000	µg/L	MT
0	Lead	4.7	µg/L	MT
2	Manganese	4,720	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	22	µg/L	MT
2	Nickel	1,330	µg/L	MT
2	Selenium	13	µg/L	MT
2	Sulfate	3.80E+06	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 3.0	µg/L	MT
1	Total organic carbon	5,250	µg/L	MT
2	Total organic halogens	58	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	24	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	31	µg/L	MT
1	Zinc	1,680	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	18±6.0	pCi/L	MT
1	Nonvolatile beta	32±10	pCi/L	MT
2	Total radium	9.3±1.0	pCi/L	MT
0	Tritium	4.2±0.50	pCi/mL	MT

WELL DCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 15.05 ft (4.59 m) below TOC
Water elevation: 117.75 ft (35.89 m) msl
Sp. conductance: 3300 µS/cm
Water evacuated before sampling: 35 gal

Time: 10:50
pH: 2.3
Alkalinity: 0 meq/L
Water temperature: 24.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
2	pH	2.8	pH	MT
2	Aluminum	190,000	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
2	Beryllium	79	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	9.6	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<25	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Copper	243	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	216,000	µg/L	MT
0	Lead	<2.0	µg/L	MT
2	Manganese	9,760	µg/L	MT
0	Mercury	<0.20	µg/L	MT
2	Nickel	1,200	µg/L	MT
0	Selenium	<3.0	µg/L	MT
2	Sulfate	2.86E+06	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	2,510	µg/L	MT
2	Total organic halogens	129	µg/L	MT
1	trans-1,2-Dichloroethene	J 3.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT

WELL DCB 7 collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Trichloroethylene	61	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
2	Zinc	2,900	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Gross alpha	8.9±3.6	pCi/L	MT
1	Nonvolatile beta	13±7.0	pCi/L	MT
2	Total radium	5.7±0.80	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL DCB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 11.51 ft (3.51 m) below TOC
Water elevation: 125.29 ft (38.19 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 39 gal

Time: 11:15
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Aluminum	44	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Copper	37	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	116	µg/L	MT
0	Lead	7.2	µg/L	MT
0	Manganese	9.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	40	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	1.1±0.40	pCi/L	MT
0	Tritium	4.0±0.40	pCi/mL	MT

ANALYTICAL RESULTS

WELL DCB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 14:00
Depth to water: 7.56 ft (2.30 m) below TOC — pH: 3.1
Water elevation: 114.74 ft (34.97 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 1410 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.2	pH	MT
2	Aluminum	51,200	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
2	Beryllium	21	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
1	Cadmium	2.1	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
2	Chromium	38	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Copper	108	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	330	µg/L	MT
2	Iron	3,180	µg/L	MT
0	Lead	<2.0	µg/L	MT
2	Manganese	45,500	µg/L	MT
0	Mercury	<0.20	µg/L	MT
2	Nickel	370	µg/L	MT
0	Selenium	<3.0	µg/L	MT
2	Sulfate	1.44E+06	µg/L	MT
2	Tetrachloroethylene	7.0	µg/L	MT
1	Toluene	6.0	µg/L	MT
0	Total organic carbon	1,490	µg/L	MT
2	Total organic halogens	77	µg/L	MT
1	trans-1,2-Dichloroethene	J 3.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	82	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
1	Zinc	906	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Gross alpha	5.0±1.6	pCi/L	MT
0	Nonvolatile beta	7.6±2.7	pCi/L	MT
2	Total radium	6.2±0.90	pCi/L	MT
0	Tritium	4.1±0.50	pCi/mL	MT

WELL DCB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 13:40
Depth to water: 8.88 ft (2.71 m) below TOC — pH: 2.2
Water elevation: 115.02 ft (35.06 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 4090 µS/cm — Water temperature: 23.9°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	2.3	pH	MT
2	Aluminum	221,000	µg/L	MT
0	Benzene	<5.0	µg/L	MT
2	Beryllium	56	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	10	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT

WELL DCB 10 collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
2	Chromium	326	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Copper	383	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	88,900	µg/L	MT
0	Lead	4.1	µg/L	MT
2	Manganese	9,740	µg/L	MT
0	Mercury	<0.20	µg/L	MT
2	Nickel	2,390	µg/L	MT
0	Selenium	<3.0	µg/L	MT
2	Sulfate	4.22E+06	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
1	Total organic carbon	9,020	µg/L	MT
2	Total organic halogens	49	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
2	Zinc	3,420	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	42±8.0	pCi/L	MT
1	Nonvolatile beta	48±10	pCi/L	MT
2	Total radium	13±2.0	pCi/L	MT
0	Tritium	3.6±0.40	pCi/mL	MT

WELL DCB 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 9:40
Depth to water: 10.15 ft (3.09 m) below TOC — pH: 5.6
Water elevation: 120.45 ft (36.71 m) msl — Alkalinity: 40 meq/L
Sp. conductance: 2790 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
2	Aluminum	142,000	µg/L	MT
0	Aluminum	21	µg/L	MT
2	Arsenic	35	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Beryllium	20	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	7.6	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
2	Chromium	1,380	µg/L	MT
0	Chromium	<25	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Copper	288	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<1,250	µg/L	MT
2	Iron	41,800	µg/L	MT
0	Lead	<2.0	µg/L	MT
2	Manganese	33,700	µg/L	MT
0	Mercury	<0.20	µg/L	MT
2	Nickel	1,340	µg/L	MT
1	Nickel	10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
2	Sulfate	2.93E+06	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT

WELL DCB 11 collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	1,550	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
1	Zinc	1,710	µg/L	MT
0	Zinc	42	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<8.0	pCi/L	MT
2	Nonvolatile beta	100±30	pCi/L	MT
0	Total radium	1.3±0.40	pCi/L	MT
0	Tritium	1.7±0.20	pCi/mL	MT

WELL DCB 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 7.05 ft (2.15 m) below TOC
Water elevation: 109.85 ft (33.48 m) msl
Sp. conductance: 827 µS/cm
Water evacuated before sampling: 47 gal
Time: 14:25
pH: 3.3
Alkalinity: 0 meq/L
Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.7	pH	MT
2	Aluminum	20,900	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Beryllium	9.3	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	2.6	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Copper	182	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	640	µg/L	MT
1	Fluoride	640	µg/L	MT
2	Iron	636	µg/L	MT
0	Lead	7.4	µg/L	MT
2	Manganese	986	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	24	µg/L	MT
0	Selenium	<3.0	µg/L	MT
2	Sulfate	315,000	µg/L	MT
2	Tetrachloroethylene	5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
1	Total organic carbon	5,560	µg/L	MT
2	Total organic halogens	88	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	74	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	40	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	2.3±1.8	pCi/L	MT
2	Nonvolatile beta	54±7.0	pCi/L	MT
1	Nonvolatile beta	11±4.0	pCi/L	MT

WELL DCB 12 collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total activity	114±2.7	pCi/mL	EM
0	Total radium	1.4±0.40	pCi/L	MT
0	Total radium	2.0±0.60	pCi/L	MT
2	Tritium	94±10	pCi/mL	MT

WELL DCB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 426 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.
Time: 10:00
pH: 5.5
Alkalinity: 120 meq/L
Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
1	Aluminum	131	µg/L	MT
2	Arsenic	51	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Beryllium	0.50	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	3.9	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	40,600	µg/L	MT
0	Lead	<2.0	µg/L	MT
2	Manganese	1,290	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	23	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Sulfate	43,900	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	4,570	µg/L	MT
1	Total organic halogens	18	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	22	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
1	Nonvolatile beta	12±4.0	pCi/L	MT
0	Total radium	1.5±0.50	pCi/L	MT
0	Tritium	2.0±0.20	pCi/mL	MT

WELL DCB 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Inaccessibility or pump failure prevented sample collection.
Time: 9:30

ANALYTICAL RESULTS

WELL DCB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 16.10 ft (4.91 m) below TOC
Water elevation: 111.50 ft (33.99 m) msl
Sp. conductance: 945 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 9:15
pH: 6.5
Alkalinity: 370 meq/L
Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
0	Aluminum	24	µg/L	MT
1	Arsenic	3.4	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	9,710	µg/L	MT
0	Lead	<2.0	µg/L	MT
2	Manganese	769	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	3.4	µg/L	MT
0	Selenium	<3.0	µg/L	MT
2	Sulfate	260,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total organic carbon	4,090	µg/L	MT
0	Total organic halogens	6.4	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	2.8	µg/L	MT
0	Zinc	7.9	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	2.8±1.7	pCi/L	MT
1	Nonvolatile beta	17±3.0	pCi/L	MT
0	Total radium	1.2±0.40	pCi/L	MT
0	Tritium	3.0±0.30	pCi/mL	MT

WELL DCB 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 16.31 ft (4.97 m) below TOC
Water elevation: 111.59 ft (34.01 m) msl
Sp. conductance: 842 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 9:00
pH: 6.4
Alkalinity: 205 meq/L
Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	MT
0	Aluminum	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT

WELL DCB 16 collected on 08/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	8,110	µg/L	MT
0	Lead	<2.0	µg/L	MT
2	Manganese	222	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Selenium	<3.0	µg/L	MT
2	Sulfate	351,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	5.0	µg/L	MT
0	Total organic carbon	4,870	µg/L	MT
2	Total organic halogens	32	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	2.2	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
1	Nonvolatile beta	14±2.0	pCi/L	MT
0	Total radium	1.4±0.40	pCi/L	MT
0	Tritium	2.0±0.20	pCi/mL	MT

WELL DOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Depth to water: 12.68 ft (3.86 m) below TOC
Water elevation: 139.02 ft (42.37 m) msl
Sp. conductance: 139 µS/cm
Water evacuated before sampling: 84 gal

Time: 9:45
pH: 4.1
Alkalinity: 0 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<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	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT

WELL DOB 1 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chlordane	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iron	75	µg/L	GE
0	Iron	31	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
2	Manganese	89	µg/L	GE
2	Manganese	90	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
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	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
2	Tetrachloroethylene	50	µg/L	GE
2	Tetrachloroethylene	35	µg/L	MT
2	Total organic halogens	108	µg/L	GE
2	Total organic halogens	161	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
2	Trichloroethylene	105	µg/L	GE
2	Trichloroethylene	45	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL DOB 1 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT

WELL DOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Depth to water: 12.68 ft (3.86 m) below TOC
Water elevation: 139.02 ft (42.37 m) msl
Sp. conductance: 139 µS/cm
Water evacuated before sampling: 64 gal

Time: 9:45
pH: 4.1
Alkalinity: 0 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	GE
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL DOB 1 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Bis(2-ethylhexyl) phthalate	12	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chlordane	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iron	80	µg/L	GE
0	Iron	43	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
2	Manganese	97	µg/L	GE
2	Manganese	91	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
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	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
2	Tetrachloroethylene	55	µg/L	GE
2	Tetrachloroethylene	34	µg/L	MT
2	Total organic halogens	112	µg/L	GE
2	Total organic halogens	183	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
2	Trichloroethylene	110	µg/L	GE
2	Trichloroethylene	48	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT

WELL DOB 1 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT

WELL DOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90 — Time: 11:05
Depth to water: 13.65 ft (4.16 m) below TOC — pH: 4.2
Water elevation: 138.55 ft (42.23 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 49 µS/cm — Water temperature: 21.0 °C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 7.0	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
2	Iron	753	µg/L	MT
0	Isophorone	< 10	µg/L	MT

WELL DOB 2 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	19	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
1	Tetrachloroethylene	2.2	µg/L	MT
2	Total organic halogens	29	µg/L	MT
2	Trichloroethylene	4.7	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT

WELL DOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Depth to water: 14.07 ft (4.29 m) below TOC
Water elevation: 138.73 ft (42.29 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 60 gal
Time: 10:45
pH: 4.4
Alkalinity: 1 meq/L
Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iron	40	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Manganese	6.8	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT

WELL DOB 3 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Trichloroethylene	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT

WELL DOB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/90
Depth to water: 14.57 ft (4.44 m) below TOC
Water elevation: 138.43 ft (42.19 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 77 gal
Time: 11:35
pH: 4.2
Alkalinity: 1 meq/L
Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iron	40	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Manganese	10	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL DOB 4 collected on 08/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
1	Tetrachloroethylene	1.7	µg/L	MT
0	Total organic halogens	9.4	µg/L	MT
0	Trichloroethylene	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT

WELL F 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 9:30
The well was dry.

WELL F 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 10:15
Depth to water: 47.50 ft (14.48 m) below TOC pH: 3.9
Water elevation: 208.00 ft (62.79 m) msl
Sp. conductance: 52 µS/cm Water temperature: 20.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	59 ± 6.0	pCi/L	QE
2	Gross alpha	140 ± 20	pCi/L	MT
2	Gross alpha	47 ± 6.7	pCi/L	EM
1	Nonvolatile beta	45 ± 5.5	pCi/L	QE
2	Nonvolatile beta	200 ± 20	pCi/L	MT
1	Nonvolatile beta	38 ± 5.4	pCi/L	EM
2	Tritium	702 ± 2.7	pCi/mL	QE
2	Tritium	400 ± 40	pCi/mL	MT
2	Tritium	437 ± 20	pCi/mL	EM

WELL F 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 9:45
The well was dry

WELL F 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 10:00
Depth to water: 37.20 ft (11.34 m) below TOC pH: 7.3
Water elevation: 202.60 ft (61.75 m) msl
Sp. conductance: 123 µS/cm Water temperature: 20.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Gross alpha	5.8 ± 3.2	pCi/L	EM
2	Nonvolatile beta	914 ± 110	pCi/L	EM
2	Tritium	4,010 ± 10	pCi/mL	EM

WELL F 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 10:35
The well was dry.

WELL FAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90 Time: 13:30
Depth to water: 83.49 ft (25.45 m) below TOC pH: 8.3
Water elevation: 226.31 ft (68.99 m) msl Alkalinity: 20 meq/L
Sp. conductance: 148 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Aluminum	190	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	18	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
1	Calcium	18,000	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
1	Chromium	8.8	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Iron	22	µg/L	QE
0	Lead	3.0	µg/L	QE
0	Magnesium	1,400	µg/L	QE
0	Manganese	< 2.0	µg/L	QE
2	Mercury	4.0	µg/L	QE
0	Potassium	4,300	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
1	Silica	12,000	µg/L	QE
0	Silver	< 2.0	µg/L	QE
1	Sodium	11,000	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total organic carbon	1,000	µg/L	QE
0	Total organic halogens	< 5.0	µg/L	QE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE

WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90 — Time: 15:30
Depth to water: 82.48 ft (25.14 m) below TOC — pH: 4.2
Water elevation: 227.42 ft (69.32 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 113 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	pH	5.1	pH	MT
1	Specific conductance	110	µS/cm	GE
1	Specific conductance	119	µS/cm	GE
1	Specific conductance	229	µS/cm	MT
0	Turbidity	3.6	NTU	GE
0	Turbidity	3.6	NTU	GE
0	Turbidity	3.2	NTU	MT
1	Aluminum	160	µg/L	GE
1	Aluminum	150	µg/L	GE
1	Aluminum	178	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	43	µg/L	GE
0	Barium	39	µg/L	GE
0	Barium	35	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	7,000	µg/L	GE
0	Calcium	6,800	µg/L	GE
0	Calcium	6,090	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,300	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chloride	2,040	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	25	µg/L	GE
0	Iron	25	µg/L	GE
0	Iron	22	µg/L	MT
0	Lead	9.0	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,860	µg/L	GE
0	Magnesium	2,800	µg/L	GE
0	Magnesium	2,720	µg/L	MT
2	Manganese	270	µg/L	GE
2	Manganese	290	µg/L	GE

WELL FAC 4 collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Manganese	278	µg/L	MT
0	Mercury	0.36	µg/L	GE
0	Mercury	0.36	µg/L	GE
0	Mercury	0.28	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	370	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	GE
0	Nitrate as nitrogen	1,380	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,100	µg/L	GE
0	Potassium	3,100	µg/L	GE
0	Potassium	3,000	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	9,900	µg/L	GE
0	Silica	9,300	µg/L	GE
0	Silica	7,970	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	4,500	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sodium	4,240	µg/L	MT
1	Sulfate	43,000	µg/L	GE
1	Sulfate	44,900	µg/L	GE
1	Sulfate	38,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	83,000	µg/L	GE
0	Total dissolved solids	87,000	µg/L	GE
0	Total dissolved solids	78,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,360	µg/L	MT
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	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	83	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
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	<0.46	µg/L	MT
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)	<0.070	µg/L	MT
1	Gross alpha	5.2±2.1	pCi/L	GE
1	Gross alpha	8.7±2.3	pCi/L	GE
1	Gross alpha	12±3.0	pCi/L	MT
0	Nonvolatile beta	8.8±3.0	pCi/L	GE
0	Nonvolatile beta	8.3±3.0	pCi/L	GE
1	Nonvolatile beta	13±3.0	pCi/L	MT
2	Total radium	13±5.5	pCi/L	GE
2	Total radium	13±5.5	pCi/L	GE
2	Total radium	13±2.0	pCi/L	MT

ANALYTICAL RESULTS

WELL FAC 4 collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tritium	1.2±0.20	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	1.2±0.20	pCi/mL	MT

WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90 — Time: 15:30
Depth to water: 82.48 ft (25.14 m) below TOC — pH: 4.2
Water elevation: 227.42 ft (60.32 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 113 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.0	pH	MT
1	Specific conductance	120	µS/cm	GE
1	Specific conductance	109	µS/cm	MT
0	Turbidity	3.8	NTU	GE
0	Turbidity	3.2	NTU	MT
1	Aluminum	160	µg/L	GE
1	Aluminum	172	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	34	µg/L	GE
0	Barium	38	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	6,800	µg/L	GE
0	Calcium	6,500	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,600	µg/L	GE
0	Chloride	2,020	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	22	µg/L	GE
0	Iron	14	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,700	µg/L	GE
0	Magnesium	2,670	µg/L	MT
2	Manganese	280	µg/L	GE
2	Manganese	295	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.24	µg/l	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	440	µg/L	GE
0	Nitrate as nitrogen	1,240	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT

WELL FAC 4 collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	3,000	µg/L	GE
0	Potassium	3,210	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	8,900	µg/L	GE
0	Silica	8,440	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	4,200	µg/L	GE
0	Sodium	4,490	µg/L	MT
1	Sulfate	38,200	µg/L	GE
1	Sulfate	37,700	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	75,000	µg/L	GE
0	Total dissolved solids	90,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	7.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	68	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	8.4±3.5	pCi/L	GE
1	Gross alpha	11±3.0	pCi/L	MT
0	Nonvolatile beta	5.7±4.0	pCi/L	GE
0	Nonvolatile beta	8.1±2.9	pCi/L	MT
2	Total radium	18±6.3	pCi/L	GE
2	Total radium	11±2.0	pCi/L	MT
0	Tritium	1.3±0.20	pCi/mL	GE
0	Tritium	1.3±0.20	pCi/mL	MT

WELL FAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90 — Time: 13:55
Depth to water: 94.86 ft (28.91 m) below TOC — pH: 4.6
Water elevation: 220.94 ft (67.34 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 93 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
1	Specific conductance	109	µS/cm	GE
0	Turbidity	152	NTU	GE
1	Aluminum	120	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE

WELL FAC 5 collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
2	Iron	350	µg/L	GE
0	Lead	12	µg/L	GE
0	Magnesium	2,800	µg/L	GE
1	Manganese	44	µg/L	GE
2	Mercury	6.4	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	4,200	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	3,700	µg/L	GE
1	Sulfate	33,500	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	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.4±2.3	pCi/L	GE
0	Nonvolatile beta	6.6±3.9	pCi/L	GE
2	Total radium	6.8±3.3	pCi/L	GE
0	Tritium	0.72±0.20	pCi/mL	GE

WELL FAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90 — Time: 13:05
Depth to water: 95.31 ft (29.05 m) below TOC — pH: 8.2
Water elevation: 217.19 ft (66.20 m) msl — Alkalinity: 54 meq/L
Sp. conductance: 154 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 3 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	GE
1	Specific conductance	230	µS/cm	GE
0	Turbidity	187	NTU	GE
0	Aluminum	32	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	13,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE

WELL FAC 6 collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	10	µg/L	GE
0	Magnesium	740	µg/L	GE
1	Manganese	27	µg/L	GE
2	Mercury	18	µg/L	GE
0	Nitrate as nitrogen	430	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	7,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	6,100	µg/L	GE
0	Sulfate	9,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	135,000	µg/L	GE
1	Total organic carbon	9,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Tritium	0.95±0.20	pCi/mL	GE

WELL FAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90 — Time: 12:35
Depth to water: 94.70 ft (28.86 m) below TOC — pH: 8.1
Water elevation: 217.30 ft (66.23 m) msl — Alkalinity: 24 meq/L
Sp. conductance: 104 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 3 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
1	Specific conductance	182	µS/cm	GE
0	Turbidity	54	NTU	GE
0	Aluminum	32	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,300	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
1	Chromium	4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	44	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Manganese	9.0	µg/L	GE

ANALYTICAL RESULTS

WELL FAC 7 collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Mercury	1.1	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	4,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	8,800	µg/L	GE
1	Sulfate	12,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	112,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
1	Nonvolatile beta	17	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	1.2±0.20	pCi/mL	GE

WELL FAC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90
Depth to water: 88.77 ft (27.06 m) below TOC
Water elevation: 222.23 ft (67.74 m) msl
Sp. conductance: 86 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 8:25
pH: 6.2
Alkalinity: 25 meq/L
Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	99	µS/cm	GE
0	Turbidity	146	NTU	GE
0	Aluminum	43	µg/L	GE
1	Arsenic	10	µg/L	GE
0	Barium	20	µg/L	GE
1	Benzene	1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,200	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	570	µg/L	GE
0	Manganese	11	µg/L	GE
2	Mercury	25	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	82	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL FAC 8 collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	4,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Toluene	1.0	µg/L	GE
0	Total dissolved solids	88,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	80	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.3±2.3	pCi/L	GE
0	Total radium	1.1±2.0	pCi/L	GE
0	Tritium	0.91±0.20	pCi/mL	GE

WELL FAL 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 96.53 ft (29.42 m) below TOC
Water elevation: 216.37 ft (65.95 m) msl
Sp. conductance: 157 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 9:30
pH: 6.8
Alkalinity: 55 meq/L
Water temperature: 25.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	16	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Total organic halogens	19	µg/L	GE
2	Trichloroethylene	19	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Antimony-125	<20	pCi/L	MT
0	Cerium-141	<3.8	pCi/L	MT
0	Cerium-144	<130	pCi/L	MT
0	Cesium-134	<14	pCi/L	MT
0	Cesium-137	<2.6	pCi/L	MT
0	Cobalt-58	<2.9	pCi/L	MT
0	Cobalt-60	<3.6	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Manganese-54	<2.4	pCi/L	MT
0	Niobium-95	<2.8	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Plutonium-238	<1.0	pCi/L	MT
1	Plutonium-239	1.0±0.50	pCi/L	MT
1	Radium-226	6.8±0.80	pCi/L	MT
0	Radium-228	<47	pCi/L	MT
0	Ruthenium-103	<2.4	pCi/L	MT
0	Ruthenium-106	<24	pCi/L	MT
0	Sodium-22	<3.4	pCi/L	MT
0	Strontium-89	<1.0	pCi/L	MT
1	Strontium-90	1.6±0.20	pCi/L	MT
1	Thorium-232	5.9±1.1	pCi/L	MT
0	Total radium	1.3±1.5	pCi/L	GE
0	Tritium	0.72±0.20	pCi/mL	GE
0	Uranium-234	<1.0	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-235	<18	pCi/L	MT
0	Uranium-238	<1.0	pCi/L	MT
0	Uranium-238	<56	pCi/L	MT
0	Zinc-65	<6.4	pCi/L	MT
0	Zirconium-95	<6.1	pCi/L	MT

WELL FAL 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 97.48 ft (29.71 m) below TOC
Water elevation: 214.82 ft (65.42 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 1 gal
The well went dry during purging.

Time: 10:00
pH: 5.2
Alkalinity: 4 meq/L
Water temperature: 24.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Lead	340	µg/L	GE
2	Manganese	50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
2	Total organic halogens	310	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Antimony-125	<27	pCi/L	MT
0	Cerium-141	<5.4	pCi/L	MT
0	Cerium-144	<180	pCi/L	MT
0	Cesium-134	<21	pCi/L	MT
0	Cesium-137	<3.9	pCi/L	MT
0	Cobalt-58	<3.7	pCi/L	MT
0	Cobalt-60	<5.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Manganese-54	<3.5	pCi/L	MT
0	Niobium-95	<3.9	pCi/L	MT
0	Nonvolatile beta	2.9±2.0	pCi/L	GE
0	Plutonium-238	<1.0	pCi/L	MT
0	Plutonium-239	<1.0	pCi/L	MT
1	Radium-226	9.8±1.4	pCi/L	MT
0	Radium-228	<88	pCi/L	MT
0	Ruthenium-103	<3.3	pCi/L	MT
0	Ruthenium-106	<34	pCi/L	MT
0	Sodium-22	<5.4	pCi/L	MT
0	Strontium-89	<1.8	pCi/L	MT
1	Strontium-90	4.5±0.50	pCi/L	MT
1	Thorium-232	3.8±1.6	pCi/L	MT
0	Total radium	2.0±1.3	pCi/L	GE
0	Tritium	1.2±0.20	pCi/mL	GE
1	Uranium-234	1.0±0.50	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-235	<25	pCi/L	MT
1	Uranium-238	1.9±0.70	pCi/L	MT
0	Uranium-238	<78	pCi/L	MT
0	Zinc-65	<10	pCi/L	MT
0	Zirconium-95	<8.7	pCi/L	MT

WELL FBP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90
Depth to water: 83.40 ft (25.42 m) below TOC
Water elevation: 204.50 ft (62.33 m) msl
Sp. conductance: 104 µS/cm
Water evacuated before sampling: 111 gal

Time: 14:20
pH: 4.0
Alkalinity: 0 meq/L
Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
2	Trichloroethylene	8.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Nonvolatile beta	50±7.3	pCi/L	GE
1	Total radium	3.2±2.5	pCi/L	GE

WELL FBP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90
Depth to water: 99.93 ft (30.46 m) below TOC
Water elevation: 189.17 ft (57.66 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 135 gal

Time: 13:45
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	8.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Tetrachloroethylene	39	µg/L	GE
2	Total organic halogens	70	µg/L	GE
0	Total phosphates	<50	µg/L	GE
2	Trichloroethylene	65	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Nonvolatile beta	7.2±4.1	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL FBP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90
Depth to water: 101.28 ft (30.87 m) below TOC
Water elevation: 191.62 ft (58.41 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 132 gal

Time: 13:10
pH: 4.6
Alkalinity: 1 meq/L
Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.3±2.1	pCi/L	GE

WELL FBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90
Depth to water: 75.44 ft (22.99 m) below TOC
Water elevation: 210.66 ft (64.27 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 119 gal

Time: 12:30
pH: 4.2
Alkalinity: 0 meq/L
Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total radium	2.7±2.4	pCi/L	GE

ANALYTICAL RESULTS

WELL FCA 1N

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 — Time: 12:25
Depth to water: 12.10 ft (3.69 m) below TOC — pH: 7.6
Water elevation: 300.20 ft (91.50 m) msl — Alkalinity: 54 meq/L
Sp. conductance: 208 µS/cm — Water temperature: 28.8°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Iron	1,600	µg/L	GE
2	Iron	1,600	µg/L	GE
2	Iron	1,100	µg/L	GE
2	Iron	1,000	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	5.0	µg/L	GE
2	Manganese	200	µg/L	GE
2	Manganese	200	µg/L	GE
2	Manganese	180	µg/L	GE
2	Manganese	170	µg/L	GE
1	Nitrate as nitrogen	6,550	µg/L	GE
1	Nitrate as nitrogen	6,620	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Antimony-125	<26	pCi/L	MT
0	Antimony-125	<0.054	pCi/mL	EM
0	Cerium-141	<4.7	pCi/L	MT
0	Cerium-144	<160	pCi/L	MT
0	Cerium-144	<0.13	pCi/mL	EM
0	Cesium-134	<19	pCi/L	MT
0	Cesium-134	<0.019	pCi/mL	EM
0	Cesium-137	<3.6	pCi/L	MT
0	Cesium-137	<0.021	pCi/mL	EM
0	Chromium-51	<0.20	pCi/mL	EM
0	Cobalt-58	<3.6	pCi/L	MT
0	Cobalt-60	<4.8	pCi/L	MT
0	Cobalt-60	<0.020	pCi/mL	EM
1	Gross alpha	12±3.8	pCi/L	GE
1	Gross alpha	7.4±3.8	pCi/L	GE
0	Gross alpha	-0.92±2.4	pCi/L	EM
0	Iodine-131	<0.039	pCi/mL	EM
0	Manganese-54	<3.4	pCi/L	MT
0	Niobium-95	<3.7	pCi/L	MT
0	Niobium-95	<0.022	pCi/mL	EM
2	Nonvolatile beta	489±6.3	pCi/L	GE
2	Nonvolatile beta	523±6.5	pCi/L	GE
2	Nonvolatile beta	1,190±140	pCi/L	EM
0	Plutonium-238	<1.0	pCi/L	MT
0	Plutonium-239	<1.0	pCi/L	MT
1	Radium-226	11±2.0	pCi/L	MT
0	Radium-228	<62	pCi/L	MT
0	Ruthenium-103	<3.1	pCi/L	MT
0	Ruthenium-103	<0.021	pCi/mL	EM
0	Ruthenium-106	<29	pCi/L	MT
0	Ruthenium-106	<0.18	pCi/mL	EM
0	Sodium-22	<4.2	pCi/L	MT
0	Strontium-89	<1.0	pCi/L	MT
2	Strontium-89/90	440±20	pCi/L	EM
1	Strontium-90	640±70	pCi/L	MT
1	Thorium-232	6.9±1.4	pCi/L	MT
2	Total radium	32±7.8	pCi/L	GE
2	Total radium	34±8.0	pCi/L	GE
0	Tritium	6.2±0.30	pCi/mL	GE
0	Tritium	6.3±0.30	pCi/mL	GE
1	Tritium	17±1.1	pCi/mL	EM
0	Uranium-234	<1.0	pCi/L	MT
0	Uranium-235	<23	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-238	<74	pCi/L	MT
0	Uranium-238	<1.0	pCi/L	MT
0	Zinc-65	<8.8	pCi/L	MT
0	Zirconium-95	<7.8	pCi/L	MT
0	Zirconium-95	<0.036	pCi/mL	EM

WELL FCA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 — Time: 11:30
Depth to water: 14.05 ft (4.28 m) below TOC — pH: 7.7
Water elevation: 298.15 ft (90.88 m) msl
Sp. conductance: 291 µS/cm — Water temperature: 29.7°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: 09/11/90 — Time: 11:45
Depth to water: 93.15 ft (28.39 m) below TOC — pH: 6.0
Water elevation: 219.05 ft (66.77 m) msl
Sp. conductance: 612 µS/cm — Water temperature: 29.5°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

WELL FCA 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/90 — Time: 14:15
The well was dry.

WELL FCA 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/90 — Time: 14:35
Inaccessibility or pump failure prevented sample collection.

WELL FCA 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 — Time: 16:30
Depth to water: 88.04 ft (26.83 m) below TOC — pH: 4.0
Water elevation: 223.86 ft (68.23 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 292 µS/cm — Water temperature: 31.9°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
U	Antimony-125	<0.051	pCi/mL	EM
0	Cerium-144	<0.13	pCi/mL	EM
0	Cesium-134	<0.018	pCi/mL	EM
0	Cesium-137	<0.021	pCi/mL	EM
0	Chromium-51	<0.21	pCi/mL	EM
0	Cobalt-60	<0.023	pCi/mL	EM
2	Gross alpha	28±5.5	pCi/L	EM
0	Iodine-131	<0.039	pCi/mL	EM
0	Niobium-95	<0.021	pCi/mL	EM
2	Nonvolatile beta	522±60	pCi/L	EM
0	Ruthenium-103	<0.022	pCi/mL	EM
0	Ruthenium-106	<0.19	pCi/mL	EM
2	Strontium-89/90	246±10	pCi/L	EM
0	Tritium	5.6±0.83	pCi/mL	EM
0	Zirconium-95	<0.033	pCi/mL	EM

WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 — Time: 13:05
Depth to water: 88.15 ft (26.87 m) below TOC — pH: 5.6
Water elevation: 223.65 ft (68.17 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 62 µS/cm — Water temperature: 29.6°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	<0.055	pCi/mL	EM
1	Cerium-144	0.042±40	pCi/mL	EM
0	Cesium-134	<0.020	pCi/mL	EM
0	Cesium-137	<0.020	pCi/mL	EM
0	Chromium-51	<0.19	pCi/mL	EM
0	Cobalt-60	<0.022	pCi/mL	EM
0	Gross alpha	0.85±0.67	pCi/L	EM
0	Iodine-131	<0.035	pCi/mL	EM
0	Niobium-95	<0.021	pCi/mL	EM
0	Nonvolatile beta	2.4±1.1	pCi/L	EM
0	Ruthenium-103	<0.022	pCi/mL	EM
0	Ruthenium-106	<0.18	pCi/mL	EM
0	Strontium-89/90	-0.12±1.8	pCi/L	EM
0	Tritium	7.3±0.87	pCi/mL	EM
0	Zirconium-95	<0.034	pCi/mL	EM

WELL FCA 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/90 — Time: 14:10
The well was dry.

WELL FCA 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 — Time: 12:05
The well was dry.

WELL FCA 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 — Time: 12:00
The well was dry.

WELL FCA 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 — Time: 15:00
Depth to water: 89.20 ft (27.19 m) below TOC — pH: 5.8
Water elevation: 223.00 ft (67.97 m) msl — Alkalinity: 9 meq/L
Sp. conductance: 68 µS/cm — Water temperature: 30.7°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	11	µg/L	GE
0	Nitrate as nitrogen	2,700	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Antimony-125	<35	pCi/L	MT
0	Cerium-141	<6.4	pCi/L	MT
0	Cerium-144	<220	pCi/L	MT
0	Cesium-134	<24	pCi/L	MT

WELL FCA 16A collected on 09/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cesium-137	<4.9	pCi/L	MT
0	Cobalt-58	<4.8	pCi/L	MT
0	Cobalt-60	<6.9	pCi/L	MT
0	Gross alpha	4.1±1.2	pCi/L	GE
0	Gross alpha	0.84±0.63	pCi/L	EM
0	Manganese-54	<4.2	pCi/L	MT
0	Niobium-95	<4.8	pCi/L	MT
1	Nonvolatile beta	12±2.0	pCi/L	GE
0	Nonvolatile beta	5.9±1.6	pCi/L	EM
0	Plutonium-238	<1.0	pCi/L	MT
0	Plutonium-239	<1.0	pCi/L	MT
1	Radium-226	13±2.0	pCi/L	MT
0	Radium-228	<76	pCi/L	MT
0	Ruthenium-103	<3.8	pCi/L	MT
0	Ruthenium-106	<42	pCi/L	MT
0	Sodium-22	<6.0	pCi/L	MT
0	Strontium-89	<1.0	pCi/L	MT
0	Strontium-89/90	0.95±1.6	pCi/L	EM
1	Strontium-90	1.0±0.10	pCi/L	MT
1	Thorium-232	6.7±1.9	pCi/L	MT
2	Total radium	7.2±4.5	pCi/L	GE
0	Tritium	4.5±0.30	pCi/mL	GE
0	Tritium	5.2±0.78	pCi/mL	EM
1	Uranium-234	3.5±1.6	pCi/L	MT
0	Uranium-235	<30	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-238	<95	pCi/L	MT
1	Uranium-238	4.8±1.6	pCi/L	MT
0	Zinc-65	<10	pCi/L	MT
0	Zirconium-95	<10	pCi/L	MT

WELL FCA 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 — Time: 16:05
Depth to water: 18.80 ft (5.73 m) below TOC — pH: 5.8
Water elevation: 293.30 ft (89.40 m) msl — Alkalinity: 111 meq/L
Sp. conductance: 1668 µS/cm — Water temperature: 29.5°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	<0.070	pCi/mL	EM
0	Cerium-144	<0.17	pCi/mL	EM
0	Cesium-134	<0.027	pCi/mL	EM
0	Cesium-137	<0.029	pCi/mL	EM
0	Chromium-51	<0.33	pCi/mL	EM
0	Cobalt-60	<0.032	pCi/mL	EM
0	Gross alpha	-2.6±4.2	pCi/L	EM
0	Iodine-131	<0.092	pCi/mL	EM
0	Niobium-95	<0.033	pCi/mL	EM
1	Nonvolatile beta	22±6.4	pCi/L	EM
0	Ruthenium-103	<0.030	pCi/mL	EM
0	Ruthenium-106	<0.24	pCi/mL	EM
0	Strontium-89/90	-0.15±2.2	pCi/L	EM
0	Tritium	1.8±0.78	pCi/mL	EM
0	Zirconium-95	<0.054	pCi/mL	EM

WELL FCA 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 — Time: 13:30
Depth to water: 66.97 ft (26.51 m) below TOC — pH: 6.1
Water elevation: 223.73 ft (68.19 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 104 µS/cm — Water temperature: 29.1°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	<0.074	pCi/mL	EM
0	Cerium-144	<0.18	pCi/mL	EM
0	Cesium-134	<0.026	pCi/mL	EM
0	Cesium-137	<0.029	pCi/mL	EM
0	Chromium-51	<0.27	pCi/mL	EM
0	Cobalt-60	<0.029	pCi/mL	EM
0	Gross alpha	3.5±2.4	pCi/L	EM
0	Iodine-131	<0.062	pCi/mL	EM
0	Niobium-95	<0.032	pCi/mL	EM
0	Nonvolatile beta	9.0±3.7	pCi/L	EM

ANALYTICAL RESULTS

WELL FCA 16D collected on 09/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Ruthenium-103	<0.029	pCi/mL	EM
0	Ruthenium-106	<0.25	pCi/mL	EM
0	Strontium-89/90	-0.75±2.9	pCi/L	EM
2	Tritium	351±4.2	pCi/mL	EM
0	Zirconium-95	<0.047	pCi/mL	EM

WELL FCA 16T

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 Time: 15:50
Depth to water: 14.47 ft (4.41 m) below TOC pH: 6.7
Water elevation: 297.63 ft (90.72 m) msl Alkalinity: 52 meq/L
Sp. conductance: 191 µS/cm Water temperature: 30.8°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	<0.054	pCi/mL	EM
0	Cerium-144	<0.13	pCi/mL	EM
0	Cesium-134	<0.019	pCi/mL	EM
0	Cesium-137	<0.020	pCi/mL	EM
0	Chromium-51	<0.21	pCi/mL	EM
0	Cobalt-60	<0.021	pCi/mL	EM
0	Gross alpha	0.75±0.74	pCi/L	EM
0	Iodine-131	<0.043	pCi/mL	EM
0	Niobium-95	<0.022	pCi/mL	EM
0	Nonvolatile beta	6.4±1.7	pCi/L	EM
0	Ruthenium-103	<0.022	pCi/mL	EM
0	Ruthenium-106	<0.18	pCi/mL	EM
0	Strontium-89/90	2.4±1.8	pCi/L	EM
0	Tritium	1.3±0.65	pCi/mL	EM
0	Zirconium-95	<0.036	pCi/mL	EM

WELL FCA 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 Time: 11:00
Depth to water: 97.08 ft (29.59 m) below TOC pH: 6.8
Water elevation: 214.52 ft (65.39 m) msl Alkalinity: 120 meq/L
Sp. conductance: 363 µS/cm Water temperature: 28.9°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	22	µg/L	GE
2	Lead	41	µg/L	GE
0	Manganese	12	µg/L	GE
0	Manganese	10	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
2	Total organic halogens	113	µg/L	GE
2	Trichloroethylene	68	µg/L	GE
1	1,1,1-Trichloroethane	68	µg/L	GE
0	Antimony-125	<32	pCi/L	MT
0	Cerium-141	<5.8	pCi/L	MT
0	Cerium-144	<200	pCi/L	MT
0	Cesium-134	<23	pCi/L	MT
0	Cesium-137	<4.4	pCi/L	MT
0	Cobalt-58	<4.4	pCi/L	MT
0	Cobalt-60	<5.9	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Manganese-54	<4.5	pCi/L	MT
0	Niobium-95	<4.3	pCi/L	MT
1	Nonvolatile beta	37±4.4	pCi/L	GE
0	Plutonium-238	<1.0	pCi/L	MT
1	Plutonium-239	2.9±1.1	pCi/L	MT
1	Radium-226	9.8±1.3	pCi/L	MT
0	Radium-228	<75	pCi/L	MT
0	Ruthenium-103	<3.9	pCi/L	MT
0	Ruthenium-106	<36	pCi/L	MT
0	Sodium-22	<4.8	pCi/L	MT
0	Strontium-89	<1.0	pCi/L	MT
0	Strontium-90	<1.0	pCi/L	MT
1	Thorium-232	5.4±1.9	pCi/L	MT
1	Total radium	3.4±2.6	pCi/L	GE
0	Tritium	7.0±0.30	pCi/mL	GE

WELL FCA 19D collected on 09/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium-234	<1.0	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-235	<27	pCi/L	MT
0	Uranium-238	<1.0	pCi/L	MT
0	Uranium-238	<89	pCi/L	MT
0	Zinc-65	<10	pCi/L	MT
0	Zirconium-95	<9.2	pCi/L	MT

WELL FCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 Time: 12:35
Depth to water: 78.77 ft (24.01 m) below TOC pH: 3.3
Water elevation: 228.53 ft (69.66 m) msl Alkalinity: 0 meq/L
Sp. conductance: 27 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Aldrin	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
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	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<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-chloroethoxy) methane	<10	µg/L	MT
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	MT
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	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
1	Bis(2-ethylhexyl) phthalate	BJ 1.0	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Chlordane	<10	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE

WELL FCB 2 collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
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	MT
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	MT
0	Dibenzofuran	< 10	µg/L	MT
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	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	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	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	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	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
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	MT
0	Iron	36	µg/L	GE
0	Iron	36	µg/L	GE
0	Iron	33	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Manganese	2.5	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Manganese	2.9	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
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	para-Chloro-meta-cresol	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 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

WELL FCB 2 collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
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	MT
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	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	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
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	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
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	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
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	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
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	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
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	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
0	Total radium	1.4 ± 3.2	pCi/L	GE
0	Total radium	1.4 ± 3.3	pCi/L	GE
0	Total radium	2.0 ± 0.50	pCi/L	MT

ANALYTICAL RESULTS

WELL FCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 12.35
Depth to water: 78.77 ft (24.01 m) below TOC — pH: 3.3
Water elevation: 228.53 ft (69.66 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 27 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	GE
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
1	Bis(2-ethylhexyl) phthalate	BJ 2.0	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Chlordane	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iron	40	µg/L	GE
0	Iron	33	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT

WELL FCB 2 collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	2.2	µg/L	GE
0	Manganese	2.8	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
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	para-Chloro-meta-cresol	< 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	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
0	Total radium	2.3 ± 3.5	pCi/L	GE
0	Total radium	1.7 ± 0.40	pCi/L	MT

WELL FCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 16:00
Depth to water: 82.09 ft (25.02 m) below TOC — pH: 5.7
Water elevation: 220.21 ft (67.12 m) msl — Alkalinity: 27 meq/L
Sp. conductance: 94 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	BJ 1.0	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iron	28	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Manganese	5.5	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
2	Total radium	6.7 ± 0.70	pCi/L	MT

WELL FCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 — Time: 10:40
Depth to water: 79.89 ft (24.35 m) below TOC — pH: 4.3
Water elevation: 226.71 ft (69.10 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 31 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
2	Iron	457	µg/L	MT
0	Isophorone	< 10	µg/L	MT
1	Manganese	45	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Total radium	1.2 ± 0.40	pCi/L	MT

ANALYTICAL RESULTS

WELL FCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 Time: 11:50
Depth to water: 76.28 ft (23.25 m) below TOC pH: 4.1
Water elevation: 227.62 ft (69.38 m) msl Alkalinity: 1 meq/L
Sp. conductance: 31 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iron	5.3	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Manganese	18	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Total radium	1.2±0.40	pCi/L	MT

WELL FCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 Time: 13:10
Depth to water: 82.43 ft (25.12 m) below TOC pH: 6.3
Water elevation: 226.07 ft (68.82 m) msl Alkalinity: 44 meq/L
Sp. conductance: 126 µS/cm Water temperature: 24.2°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Isophorone	<10	µg/L	MT
1	Manganese	31	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
1	Total organic halogens	17	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Total radium	1.5±0.40	pCi/L	MT

WELL FCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 Time: 16:25
The well was dry.

WELL FET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 11:20
Depth to water: 47.52 ft (14.48 m) below TOC — pH: 4.4
Water elevation: 222.48 ft (67.81 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 68 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
1	Manganese	29	µg/L	GE
0	Nitrate as nitrogen	1,050	µg/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL FET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 13:35
Depth to water: 49.02 ft (14.94 m) below TOC — pH: 4.5
Water elevation: 220.98 ft (67.36 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 49 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Manganese	7.8	µg/L	GE
1	Nitrate as nitrogen	3,150	µg/L	GE
1	Total radium	4.0±2.7	pCi/L	GE

WELL FET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 14:00
Depth to water: 64.27 ft (19.59 m) below TOC — pH: 4.8
Water elevation: 220.93 ft (67.34 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 43 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 62 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Manganese	6.5	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	GE
0	Total radium	1.1±2.0	pCi/L	GE

WELL FET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 14:40
Depth to water: 65.35 ft (19.92 m) below TOC — pH: 4.3
Water elevation: 221.55 ft (67.53 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 41 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Manganese	7.7	µg/L	GE
0	Nitrate as nitrogen	2,110	µg/L	GE
0	Total radium	1.7±2.2	pCi/L	GE

WELL FNB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 10:15
Depth to water: 75.66 ft (23.07 m) below TOC — pH: 4.1
Water elevation: 206.62 ft (63.00 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 79 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 87 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium	36	µg/L	MT
0	Barium	30	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	0.46	µg/L	MT
1	Chromium	6.0	µg/L	MT
1	Chromium	5.0	µg/L	MT
1	Copper	28	µg/L	MT
1	Copper	24	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	1,310	µg/L	MT
2	Iron	1,220	µg/L	MT
0	Iron	122	µg/L	MT
2	Iron	417	µg/L	MT
0	Lead	14	µg/L	MT
0	Lead	14	µg/L	MT
1	Manganese	32	µg/L	MT
1	Manganese	28	µg/L	MT
0	Mercury	0.21	µg/L	MT
0	Mercury	0.23	µg/L	MT
1	Nickel	12	µg/L	MT
1	Nickel	11	µg/L	MT
1	Nitrate as nitrogen	7,320	µg/L	MT
1	Nitrate as nitrogen	7,510	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	7,090	µg/L	MT
1	Sodium	6,010	µg/L	MT
0	Tetrachloroethylene	0.41	µg/L	MT
2	Total organic halogens	37	µg/L	MT
2	Trichloroethylene	48	µg/L	MT
0	Zinc	39	µg/L	MT
0	Zinc	25	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	7.6±3.2	pCi/L	MT
1	Total activity	203±3.7	pCi/mL	EM
0	Total radium	2.2±0.50	pCi/L	MT
2	Tritium	150±20	pCi/mL	MT

WELL FNB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 16:20
Depth to water: 83.16 ft (25.35 m) below TOC — pH: 2.5
Water elevation: 204.64 ft (62.38 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 219 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 82 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Barium	78	µg/L	GE
1	Barium	70	µg/L	GE
1	Barium	136	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	1.8	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<5.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	MT
0	Chromium	<4.0	µg/L	GE

ANALYTICAL RESULTS

WELL FNB 2 collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Copper	11	µg/L	GE
0	Copper	10	µg/L	GE
1	Copper	22	µg/L	MT
0	Fluoride	110	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Fluoride	200	µg/L	MT
1	Iron	170	µg/L	GE
1	Iron	160	µg/L	GE
2	Iron	1,140	µg/L	MT
0	Lead	10	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
2	Manganese	300	µg/L	GE
2	Manganese	300	µg/L	GE
2	Manganese	456	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Mercury	0.49	µg/L	MT
1	Nickel	20	µg/L	GE
1	Nickel	19	µg/L	GE
1	Nickel	31	µg/L	MT
2	Nitrate as nitrogen	20,600	µg/L	GE
2	Nitrate as nitrogen	20,600	µg/L	GE
2	Nitrate as nitrogen	20,200	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Phenols	5.8	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
1	Sodium	8,800	µg/L	GE
1	Sodium	8,200	µg/L	GE
1	Sodium	12,700	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	MT
1	Total organic halogens	13	µg/L	GE
1	Total organic halogens	12	µg/L	GE
1	Total organic halogens	17	µg/L	MT
2	Trichloroethylene	8.0	µg/L	GE
2	Trichloroethylene	12	µg/L	GE
2	Trichloroethylene	5.0	µg/L	MT
0	Zinc	19	µg/L	GE
0	Zinc	18	µg/L	GE
0	Zinc	34	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
2	Gross alpha	31±8.3	pCi/L	GE
2	Gross alpha	31±8.1	pCi/L	GE
2	Gross alpha	43±8.0	pCi/L	MT
2	Nonvolatile beta	510±20	pCi/L	GE
2	Nonvolatile beta	490±20	pCi/L	GE
2	Nonvolatile beta	430±50	pCi/L	MT
1	Total activity	374±4.9	pCi/mL	EM
2	Total radium	19±6.5	pCi/L	GE
2	Total radium	20±6.6	pCi/L	GE
2	Total radium	13±2.0	pCi/L	MT
2	Tritium	359±2.0	pCi/mL	GE
2	Tritium	362±2.0	pCi/mL	GE
2	Tritium	260±30	pCi/mL	MT

WELL FNB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
Depth to water: 83.16 ft (25.35 m) below TOC
Water elevation: 204.84 ft (62.38 m) msl
Sp. conductance: 219 µS/cm
Water evacuated before sampling: 62 gal
Time: 16:20
pH: 2.5
Alkalinity: 0 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Barium	78	µg/L	GE
1	Barium	105	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	1.5	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE

WELL FNB 2 collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<0.40	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Copper	9.3	µg/L	GE
0	Copper	15	µg/L	MT
0	Fluoride	170	µg/L	GE
0	Fluoride	200	µg/L	MT
0	Fluoride	200	µg/L	MT
0	Iron	120	µg/L	GE
1	Iron	201	µg/L	MT
0	Lead	3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
2	Manganese	320	µg/L	GE
2	Manganese	424	µg/L	MT
1	Mercury	0.40	µg/L	GE
1	Mercury	0.42	µg/L	MT
1	Nickel	20	µg/L	GE
1	Nickel	29	µg/L	MT
2	Nitrate as nitrogen	20,600	µg/L	GE
2	Nitrate as nitrogen	21,000	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
1	Sodium	9,400	µg/L	GE
1	Sodium	12,200	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	MT
1	Total organic halogens	11	µg/L	GE
1	Total organic halogens	18	µg/L	MT
2	Trichloroethylene	13	µg/L	GE
2	Trichloroethylene	4.4	µg/L	MT
0	Zinc	81	µg/L	GE
0	Zinc	32	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
2	Gross alpha	30±8.2	pCi/L	GE
2	Gross alpha	47±8.0	pCi/L	MT
2	Nonvolatile beta	509±20	pCi/L	GE
2	Nonvolatile beta	440±50	pCi/L	MT
2	Total radium	19±6.4	pCi/L	GE
2	Total radium	14±2.0	pCi/L	MT
2	Tritium	354±1.9	pCi/mL	GE
2	Tritium	260±30	pCi/mL	MT

WELL FNB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
Depth to water: 76.85 ft (23.42 m) below TOC
Water elevation: 207.15 ft (63.14 m) msl
Sp. conductance: 101 µS/cm
Water evacuated before sampling: 65 gal
Time: 17:10
pH: 3.2
Alkalinity: 0 meq/L
Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium	24	µg/L	MT
0	Beryllium	1.0	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Copper	4.3	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	31	µg/L	MT
0	Lead	2.9	µg/L	MT
2	Manganese	133	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	7.8	µg/L	MT
1	Nitrate as nitrogen	8,670	µg/L	MT
1	Nitrate as nitrogen	8,570	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	7,200	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	Zinc	45	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
1	Gross alpha	8.3±2.7	pCi/L	MT
2	Nonvolatile beta	52±8.0	pCi/L	MT
2	Total radium	5.0±0.80	pCi/L	MT
2	Tritium	73±8.0	pCi/mL	MT

WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 10:50
Depth to water: 80.22 ft (24.45 m) below TOC — pH: 3.8
Water elevation: 211.28 ft (64.40 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 39 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 82 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium	6.4	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Chromium	<2.8	µg/L	MT
0	Copper	2.2	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	12	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	10	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	2,090	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,790	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Zinc	5.5	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	2.4±0.50	pCi/L	MT
0	Tritium	5.7±0.60	pCi/mL	MT

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 — Time: 9:50
Depth to water: 80.20 ft (24.45 m) below TOC — pH: 5.0
Water elevation: 214.00 ft (65.23 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 105 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
1	Specific conductance	103	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	16	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,570	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,900	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	744	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
2	Lead	65	µg/L	MT
0	Magnesium	1,850	µg/L	MT
0	Manganese	10	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	6.8	µg/L	MT
1	Nitrate as nitrogen	8,090	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,810	µg/L	MT
0	Silver	<0.60	µg/L	MT

WELL FSB 76 collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Sodium	12,400	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	66,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	108	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
1	Zinc	745	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Gross alpha	7.3±2.8	pCi/L	MT
1	Nonvolatile beta	18±4.0	pCi/L	MT
1	Total activity	664±5.6	pCi/mL	EM
2	Total radium	5.5±0.70	pCi/L	MT
2	Tritium	600±60	pCi/mL	MT

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 — Time: 10:05
Depth to water: 140.29 ft (42.76 m) below TOC — pH: 6.5
Water elevation: 153.61 ft (46.82 m) msl — Alkalinity: 35 meq/L
Sp. conductance: 125 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 305 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
0	pH	6.3	pH	MT
0	Specific conductance	99	µS/cm	MT
0	Specific conductance	99	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	22	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	18,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,510	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	646	µg/L	MT
0	Manganese	2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
1	Phenols	6.2	µg/L	MT
0	Potassium	1,430	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	25,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,890	µg/L	MT
0	Sulfate	8,350	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 76A collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	88,000	µg/L	MT
0	Total organic carbon	1,210	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	288	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	8.2	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90
Depth to water: 143.65 ft (43.79 m) below TOC
Water elevation: 150.15 ft (45.77 m) msl
Sp. conductance: 139 µS/cm
Water evacuated before sampling: 136 gal
Time: 11:10
pH: 8.5
Alkalinity: 42 meq/L
Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.9	pH	GE
1	pH	8.9	pH	GE
1	pH	8.7	pH	MT
1	Specific conductance	125	µS/cm	GE
1	Specific conductance	125	µS/cm	GE
1	Specific conductance	125	µS/cm	MT
0	Aluminum	25	µg/L	GE
0	Aluminum	22	µg/L	GE
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	17	µg/L	GE
0	Barium	17	µg/L	GE
0	Barium	19	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
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	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
1	Calcium	19,000	µg/L	GE
1	Calcium	18,000	µg/L	GE
1	Calcium	23,300	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,200	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chloride	2,440	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT

WELL FSB 76B collected on 07/10/90, laboratory analyses (continued)

Flag	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	Chloroform	<5.0	µg/L	MT
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	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
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	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
0	Copper	4.9	µg/L	GE
0	Copper	5.4	µg/L	GE
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
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	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iron	19	µg/L	GE
0	Iron	20	µg/L	GE
0	Iron	<21	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	550	µg/L	GE
0	Magnesium	570	µg/L	GE
0	Magnesium	661	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	450	µg/L	GE
0	Nitrate as nitrogen	460	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	550	µg/L	GE
0	Potassium	570	µg/L	GE
0	Potassium	758	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
1	Silica	17,000	µg/L	GE
1	Silica	18,000	µg/L	GE
1	Silica	18,000	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Sodium	1,600	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sodium	1,710	µg/L	MT
0	Sulfate	2,700	µg/L	GE
0	Sulfate	2,700	µg/L	GE
0	Sulfate	3,170	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	93,000	µg/L	GE
0	Total dissolved solids	90,000	µg/L	GE

WELL FSB 76B collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	59,000	µg/L	MT
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	MT
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	MT
1	Total phosphates	350	µg/L	GE
1	Total phosphates	360	µg/L	GE
0	Total phosphates	296	µg/L	MT
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	MT
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	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Zinc	2.7	µg/l	GE
0	Zinc	2.8	µg/L	GE
0	Zinc	4.2	µg/L	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Total radium	1.1±0.30	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90
Depth to water: 143.65 ft (43.79 m) below TOC
Water elevation: 150.15 ft (45.77 m) msl
Sp. conductance: 139 µS/cm
Water evacuated before sampling: 136 gal
Time: 11:10
pH: 6.5
Alkalinity: 42 meq/L
Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	GE
1	pH	6.6	pH	MT
1	Specific conductance	128	µS/cm	GE
1	Specific conductance	137	µS/cm	MT
0	Aluminum	75	µg/L	GE
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT

WELL FSB 76B collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	17	µg/L	GE
0	Barium	19	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Calcium	6,000	µg/L	GE
1	Calcium	23,400	µg/L	MT
1	Calcium	22,300	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,200	µg/L	GE
0	Chloride	2,350	µg/L	MT
0	Chloride	2,380	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	20	µg/L	GE
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	4.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	490	µg/L	GE
0	Magnesium	683	µg/L	MT
0	Magnesium	654	µg/L	MT
0	Manganese	9.4	µg/L	GE
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	450	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	MT
0	Nitrate as nitrogen	320	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	880	µg/L	GE
0	Potassium	<416	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	7,600	µg/L	GE
1	Silica	17,700	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
1	Sodium	22,000	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sodium	1,620	µg/L	MT
0	Sodium	1,560	µg/L	MT
0	Sulfate	2,700	µg/L	GE
0	Sulfate	3,120	µg/L	MT
0	Sulfate	2,980	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL FSB 76B collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Thallium	<2.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	96,000	µg/L	GE
0	Total dissolved solids	95,000	µg/L	MT
0	Total dissolved solids	102,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	350	µg/L	GE
1	Total phosphates	306	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Zinc	3.9	µg/L	GE
0	Zinc	<4.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 — Time: 10:45
Depth to water: 83.78 ft (25.54 m) below TOC — pH: 5.7
Water elevation: 209.82 ft (63.95 m) msl — Alkalinity: 9 meq/L
Sp. conductance: 48 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 146 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	Specific conductance	45	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	5,320	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,440	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT

WELL FSB 76C collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	335	µg/L	MT
0	Manganese	6.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	880	µg/L	MT
1	Phenols	6.2	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,040	µg/L	MT
0	Silver	<0.80	µg/L	MT
0	Sodium	2,150	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	41,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	39	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	J 4.0	µg/L	MT
1	Trichlorofluoromethane	J 8.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	19	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	2.4±0.30	pCi/mL	MT

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 9:30
Depth to water: 63.62 ft (19.39 m) below TOC — pH: 3.4
Water elevation: 209.68 ft (63.91 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 1423 µS/cm — Water temperature: 23.2°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.3	pH	MT
1	Specific conductance	1,510	µS/cm	MT
2	Aluminum	71,400	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	172	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	8.7	µg/L	MT
0	Calcium	7,410	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,600	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	19	µg/L	MT
1	Copper	73	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT

WELL FSB 77 collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	49	µg/L	MT
2	Lead	40	µg/L	MT
1	Magnesium	5,560	µg/L	MT
2	Manganese	850	µg/L	MT
1	Mercury	0.67	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	149,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	33,700	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	62,300	µg/L	MT
0	Sulfate	1,510	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	704,000	µg/L	MT
0	Total organic carbon	1,320	µg/L	MT
0	Total organic carbon	1,180	µg/L	MT
0	Total organic halogens	9.8	µg/L	MT
0	Total phosphates	23	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	79	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	550±60	pCi/L	MT
2	Nonvolatile beta	1,500±200	pCi/L	MT
1	Total activity	14,500±80	pCi/mL	EM
2	Total radium	42±5.0	pCi/L	MT
2	Tritium	14,000±2,000	pCi/mL	MT

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90 Time: 10:20
Depth to water: 64.07 ft (19.53 m) below TOC
Water elevation: 209.23 ft (63.77 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 Time: 13:50
Depth to water: 66.16 ft (20.17 m) below TOC pH: 3.0
Water elevation: 206.44 ft (62.92 m) msl Alkalinity: 0 meq/L
Sp. conductance: 2810 µS/cm Water temperature: 23.9°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.1	pH	MT
0	Specific conductance	3.8	µS/cm	MT
2	Aluminum	50,800	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	171	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,950	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,150	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT

WELL FSB 78 collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Chromium	8.7	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	123	µg/L	MT
1	Cyanide	24	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	77	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	363	µg/L	MT
2	Manganese	742	µg/L	MT
1	Mercury	0.75	µg/L	MT
1	Nickel	23	µg/L	MT
2	Nitrate as nitrogen	324,000	µg/L	MT
1	Phenols	8.1	µg/L	MT
0	Potassium	1,010	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	162,000	µg/L	MT
1	Silver	3.3	µg/L	MT
1	Sodium	448,000	µg/L	MT
1	Sulfate	45,200	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	2.03E+06	µg/L	MT
1	Total organic carbon	6,670	µg/L	MT
1	Total organic halogens	11	µg/L	MT
0	Total phosphates	78	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	90	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	520±40	pCi/L	MT
2	Nonvolatile beta	1,600±200	pCi/L	MT
1	Total activity	24,900±110	pCi/mL	EM
2	Total radium	9.2±1.0	pCi/L	MT
2	Tritium	23,000±3,000	pCi/mL	MT

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90 Time: 14:45
Depth to water: 66.03 ft (20.13 m) below TOC pH: 3.1
Water elevation: 206.57 ft (62.96 m) msl Alkalinity: 0 meq/L
Sp. conductance: 2660 µS/cm Water temperature: 23.1°C
Water evacuated before sampling: 50 gal

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 Time: 13:15
Depth to water: 118.23 ft (36.04 m) below TOC pH: 6.2
Water elevation: 154.37 ft (47.05 m) msl Alkalinity: 36 meq/L
Sp. conductance: 119 µS/cm Water temperature: 27.2°C
Water evacuated before sampling: 333 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
0	Specific conductance	100	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	22	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 78A collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	17,600	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,500	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	657	µg/L	MT
0	Manganese	5.8	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,140	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	26,200	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,670	µg/L	MT
0	Sulfate	8,790	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	83,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	248	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	8.0±0.80	pCi/mL	MT

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90
Depth to water: 120.12 ft (36.61 m) below TOC
Water elevation: 152.68 ft (46.54 m) msl
Sp. conductance: 242 µS/cm
Water evacuated before sampling: 182 gal
Time: 14:40
pH: 6.7
Alkalinity: 51 meq/L
Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	MT
1	Specific conductance	309	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	44	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	36,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,230	µg/L	MT

WELL FSB 78B collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	793	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	9,560	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	918	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	16,200	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	4,530	µg/L	MT
0	Sulfate	1,290	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	193,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	59	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	17	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total activity	273±3.6	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	250±30	pCi/mL	MT

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90
Depth to water: 67.66 ft (20.71 m) below TOC
Water elevation: 205.54 ft (62.65 m) msl
Sp. conductance: 1857 µS/cm
Water evacuated before sampling: 24 gal
The well went dry during purging.
Time: 15:00
pH: 4.1
Alkalinity: 0 meq/L
Water temperature: 25.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
1	Specific conductance	2,110	µS/cm	MT
2	Aluminum	11,800	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
2	Barium	524	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	18	µg/L	MT
1	Calcium	148,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,490	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT

WELL FSB 78C collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	249	µg/L	MT
1	Copper	282	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	870	µg/L	MT
0	Iron	113	µg/L	MT
0	Lead	8.2	µg/L	MT
1	Magnesium	29,300	µg/L	MT
2	Manganese	7,220	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	111	µg/L	MT
2	Nitrate as nitrogen	226,000	µg/L	MT
1	Phenols	6.8	µg/L	MT
0	Potassium	4,030	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	15,000	µg/L	MT
0	Silver	1.6	µg/L	MT
1	Sodium	115,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	2.02E+06	µg/L	MT
0	Total organic carbon	3,460	µg/L	MT
0	Total organic halogens	5.0	µg/L	MT
0	Total phosphates	63	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
1	Zinc	643	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	50±7.0	pCi/L	MT
2	Nonvolatile beta	1,700±200	pCi/L	MT
1	Total activity	8,820±30	pCi/mL	EM
2	Total radium	33±4.0	pCi/L	MT
2	Tritium	8,100±900	pCi/mL	MT

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 — Time: 11:30
Depth to water: 17.30 ft (5.27 m) below TOC — pH: 3.2
Water elevation: 200.50 ft (61.11 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 2020 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 202 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.2	pH	MT
0	Specific conductance	2.4	µS/cm	MT
2	Aluminum	120,000	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<6.0	µg/L	MT
1	Barium	456	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	5.6	µg/L	MT
0	Calcium	4,530	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,480	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	8.7	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	210	µg/L	MT
1	Copper	64	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT

WELL FSB 79 collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	101	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,160	µg/L	MT
2	Manganese	4,630	µg/L	MT
1	Mercury	0.45	µg/L	MT
1	Nickel	51	µg/L	MT
2	Nitrate as nitrogen	227,000	µg/L	MT
1	Phenols	6.4	µg/L	MT
0	Potassium	1,840	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	85,900	µg/L	MT
0	Silver	1.6	µg/L	MT
1	Sodium	73,300	µg/L	MT
0	Sulfate	6,340	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	629,000	µg/L	MT
0	Total organic carbon	1,190	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	47	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	170	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	360±40	pCi/L	MT
2	Nonvolatile beta	1,500±200	pCi/L	MT
1	Total activity	21,800±100	pCi/mL	EM
2	Total radium	30±3.0	pCi/L	MT
2	Tritium	19,000±2,000	pCi/mL	MT

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90 — Time: 15:05
Depth to water: 16.68 ft (5.08 m) below TOC — pH: 3.1
Water elevation: 201.12 ft (61.30 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 1795 µS/cm — Water temperature: 23.2°C
Water evacuated before sampling: 70 gal

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 — Time: 10:30
Depth to water: 62.22 ft (18.96 m) below TOC — pH: 6.2
Water elevation: 155.88 ft (47.51 m) msl — Alkalinity: 17 meq/L
Sp. conductance: 86 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 344 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	MT
0	Specific conductance	81	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	18	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	12,900	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,560	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 79A collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	2.1	µg/L	MT
0	Magnesium	568	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	150	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	782	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	17,900	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,690	µg/L	MT
0	Sulfate	4,420	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	63,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	145	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.3	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	9.5±1.0	pCi/mL	MT

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90
Depth to water: 62.19 ft (18.96 m) below TOC
Water elevation: 156.01 ft (47.55 m) msl
Sp. conductance: 174 µS/cm
Water evacuated before sampling: 198 gal

Time: 11:05
pH: 6.9
Alkalinity: 66 meq/L
Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	GE
0	pH	6.5	pH	MT
1	Specific conductance	145	µS/cm	GE
1	Specific conductance	170	µS/cm	MT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	25	µg/L	GE
0	Barium	27	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE

WELL FSB 79B collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<4.0	µg/L	MT
1	Calcium	22,000	µg/L	GE
1	Calcium	28,900	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,000	µg/L	GE
0	Chloride	2,380	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	120	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iron	20	µg/L	GE
0	Iron	<21	µg/L	MT
0	Lead	4.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	520	µg/L	GE
0	Magnesium	594	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	740	µg/L	GE
0	Nitrate as nitrogen	590	µg/L	MT
1	Phenols	6.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<418	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
1	Silica	20,000	µg/L	GE
1	Silica	23,500	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Sodium	1,500	µg/L	GE
0	Sodium	1,620	µg/L	MT
0	Sulfate	2,300	µg/L	GE
0	Sulfate	2,910	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
1	Toluene	1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	137,000	µg/L	GE
0	Total dissolved solids	101,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	400	µg/L	GE
1	Total phosphates	388	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Zinc	2.4	µg/L	GE
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL FSB 79B collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	2.0±1.9	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
1	Tritium	16±0.50	pCi/mL	GE
1	Tritium	11±2.0	pCi/mL	MT

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90
Depth to water: 62.19 ft (18.96 m) below TOC
Water elevation: 156.01 ft (47.55 m) msl
Sp. conductance: 174 µS/cm
Water evacuated before sampling: 198 gal
Time: 11:05
pH: 6.9
Alkalinity: 66 meq/L
Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.1	pH	GE
1	pH	6.7	pH	MT
1	Specific conductance	149	µS/cm	GE
1	Specific conductance	199	µS/cm	MT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	23	µg/L	GE
0	Barium	29	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
1	Calcium	21,000	µg/L	GE
1	Calcium	29,900	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,000	µg/L	GE
0	Chloride	2,390	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE

WELL FSB 79B collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	130	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iron	13	µg/L	GE
0	Iron	<21	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	490	µg/L	GE
0	Magnesium	613	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	730	µg/L	GE
0	Nitrate as nitrogen	620	µg/L	MT
1	Phenols	8.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<416	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
1	Silica	20,000	µg/L	GE
1	Silica	24,400	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Sodium	1,500	µg/L	GE
0	Sodium	1,710	µg/L	MT
0	Sulfate	2,200	µg/L	GE
0	Sulfate	2,880	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	132,000	µg/L	GE
0	Total dissolved solids	119,000	µg/L	MT
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	390	µg/L	GE
1	Total phosphates	383	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Zinc	2.1	µg/L	GE
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<5.0	pCi/L	MT
0	Nonvolatile beta	2.6±1.9	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.1±2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
1	Tritium	16±0.50	pCi/mL	GE
1	Tritium	11±2.0	pCi/mL	MT

ANALYTICAL RESULTS

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 — Time: 10:00
Depth to water: 23.24 ft (7.08 m) below TOC — pH: 3.5
Water elevation: 195.16 ft (59.49 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 1464 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.5	pH	MT
1	Specific conductance	1,700	µS/cm	MT
2	Aluminum	47,700	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
2	Barium	706	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	41	µg/L	MT
1	Calcium	21,300	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,860	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	88	µg/L	MT
1	Copper	63	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	16,800	µg/L	MT
2	Manganese	2,840	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	46	µg/L	MT
2	Nitrate as nitrogen	163,000	µg/L	MT
1	Phenols	9.5	µg/l	MT
0	Potassium	2,890	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	22,000	µg/L	GE
1	Silica	20,900	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	103,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	824,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
1	Total silica	21,000	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	153	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	320±40	pCi/L	MT
2	Nonvolatile beta	3,900±400	pCi/L	MT
1	Total activity	9,760±70	pCi/mL	EM
2	Total radium	63±7.0	pCi/L	MT
2	Tritium	9,100±1,000	pCi/mL	MT

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90 — Time: 15:15
Depth to water: 22.53 ft (6.87 m) below TOC — pH: 3.4
Water elevation: 195.87 ft (59.70 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 1318 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 120 gal

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 — Time: 13:20
Depth to water: 135.56 ft (41.32 m) below TOC — pH: 6.2
Water elevation: 152.24 ft (46.40 m) msl — Alkalinity: 25 meq/L
Sp. conductance: 107 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 312 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	MT
1	Specific conductance	103	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	18	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	16,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,330	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	603	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	180	µg/L	MT
1	Phenols	8.4	µg/L	MT
0	Potassium	867	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	22,100	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,710	µg/L	MT
0	Sulfate	5,430	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	78,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	276	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT

WELL FSB 87A collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
1	Tritium	14±2.0	pCi/mL	MT

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 Time: 13:45
Depth to water: 138.42 ft (42.19 m) below TOC pH: 5.7
Water elevation: 149.08 ft (45.44 m) msl Alkalinity: 8 meq/L
Sp. conductance: 70 µS/cm Water temperature: 24.4°C
Water evacuated before sampling: 156 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	Specific conductance	67	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	2.3	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	8,060	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,880	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	320	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	473	µg/L	MT
0	Manganese	2.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	2,590	µg/L	MT
1	Phenols	7.3	µg/L	MT
0	Potassium	776	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,700	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,310	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	50,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	1,200	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.9	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	52±6.0	pCi/mL	MT

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 Time: 14:30
Depth to water: 81.37 ft (24.80 m) below TOC pH: 5.7
Water elevation: 206.13 ft (62.83 m) msl Alkalinity: 7 meq/L
Sp. conductance: 223 µS/cm Water temperature: 25.6°C
Water evacuated before sampling: 151 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.6	pH	MT
1	Specific conductance	216	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	38	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	17,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,570	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	6.3	µg/L	MT
0	Magnesium	2,880	µg/L	MT
0	Manganese	13	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	19,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	774	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,140	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	15,100	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	195,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	18	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	16	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
1	Nonvolatile beta	15±4.0	pCi/L	MT
1	Total activity	1,180±7.4	pCi/mL	EM
0	Total radium	1.3±0.30	pCi/L	MT
0	Total radium	1.6±0.40	pCi/L	MT
2	Tritium	1,100±200	pCi/mL	MT

ANALYTICAL RESULTS

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 Time: 12:30
The well was dry.

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 Time: 10:40
Depth to water: 73.36 ft (22.36 m) below TOC pH: 6.5
Water elevation: 209.64 ft (63.90 m) msl Alkalinity: 7 meq/L
Sp. conductance: 57 µS/cm Water temperature: 23.7°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	62	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	11	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	14	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	3,970	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,310	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 17	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	494	µg/L	MT
0	Manganese	9.4	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,780	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,780	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	J 4.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	52,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	8.0	µg/L	MT
0	Total phosphates	57	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
1	Trichlorofluoromethane	J 2.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	14	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Strontium-89	<7.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE

WELL FSB 88C collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
1	Tritium	17±2.0	pCi/mL	MT

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 Time: 7:15
Depth to water: 69.42 ft (21.16 m) below TOC pH: 4.1
Water elevation: 212.98 ft (64.92 m) msl Alkalinity: 0 meq/L
Sp. conductance: 743 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	4.0	pH	MT
1	Specific conductance	816	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	287	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	12,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	760	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	5.4	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	29	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	831	µg/L	MT
0	Lead	14	µg/L	MT
0	Magnesium	2,030	µg/L	MT
2	Manganese	1,070	µg/L	MT
2	Mercury	2.7	µg/L	MT
1	Nickel	28	µg/L	MT
2	Nitrate as nitrogen	76,800	µg/L	MT
1	Phenols	9.2	µg/L	MT
0	Potassium	1,160	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	36,900	µg/L	MT
0	Silver	1.5	µg/L	MT
1	Sodium	78,400	µg/L	MT
0	Sulfate	1,230	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	527,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	69	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<6.0	µg/L	MT
1	Trichlorofluoromethane	J 1.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	179	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	260±30	pCi/L	MT
2	Nonvolatile beta	950±100	pCi/L	MT
0	Strontium-89	<50	pCi/L	TE
1	Strontium-90	350±10	pCi/L	TE
1	Total activity	2,160±10	pCi/mL	EM
2	Total radium	9.0±0.90	pCi/L	MT
2	Tritium	1,900±200	pCi/mL	MT

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 16:20
Depth to water: 72.24 ft (22.02 m) below TOC — pH: 5.6
Water elevation: 209.08 ft (63.72 m) msl — Alkalinity: 10 meq/L
Sp. conductance: 80 µS/cm — Water temperature: 27.7°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
0	Specific conductance	75	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	14	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	6,110	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,220	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	499	µg/L	MT
0	Manganese	6.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,640	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	663	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,950	µg/L	MT
0	Silver	<0.80	µg/L	MT
0	Sodium	3,470	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	6.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	50,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	7.7	µg/L	MT
0	Total phosphates	20	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	7.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	28±3.0	pCi/mL	MT

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 16:35
Depth to water: 66.81 ft (20.97 m) below TOC — pH: 3.7
Water elevation: 212.39 ft (64.74 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 277 µS/cm — Water temperature: 26.4°C
Water evacuated before sampling: 20 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.8	pH	MT
1	Specific conductance	285	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	73	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 60	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	2,030	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,830	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	27	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	6.7	µg/L	MT
0	Magnesium	717	µg/L	MT
2	Manganese	415	µg/L	MT
2	Mercury	2.3	µg/L	MT
1	Nickel	11	µg/L	MT
2	Nitrate as nitrogen	31,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,800	µg/L	MT
0	Silver	0.70	µg/L	MT
1	Sodium	27,800	µg/L	MT
0	Sulfate	1,290	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
1	Toluene	8.0	µg/L	MT
0	Total dissolved solids	145,000	µg/L	MT
0	Total organic carbon	1,420	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
1	Trichlorofluoromethane	J 5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	38	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	180±20	pCi/L	MT
2	Gross alpha	150±20	pCi/L	MT
2	Nonvolatile beta	620±70	pCi/L	MT
2	Nonvolatile beta	580±60	pCi/L	MT
1	Total activity	809±6.0	pCi/mL	EM
2	Total radium	6.1±0.70	pCi/L	MT
2	Tritium	740±80	pCi/mL	MT

ANALYTICAL RESULTS

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 16:50
Depth to water: 70.50 ft (21.49 m) below TOC — pH: 6.3
Water elevation: 207.90 ft (63.37 m) msl — Alkalinity: 13 meq/L
Sp. conductance: 463 µS/cm — Water temperature: 27.1°C
Water evacuated before sampling: 24 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
1	Specific conductance	175	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	81	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 39	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	21,400	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,450	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	290	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,380	µg/L	MT
1	Manganese	32	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	4.2	µg/L	MT
2	Nitrate as nitrogen	17,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,660	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,200	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	11,100	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	221,000	µg/L	MT
0	Total organic carbon	2,550	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	10	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	33	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	2.4±1.9	pCi/L	MT
1	Nonvolatile beta	20±4.0	pCi/L	MT
1	Total activity	1,150±7.1	pCi/mL	EM
0	Total radium	1.8±0.40	pCi/L	MT
2	Tritium	1,100±200	pCi/mL	MT

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 17:05
Depth to water: 67.36 ft (20.53 m) below TOC — pH: 3.9
Water elevation: 211.24 ft (64.39 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 741 µS/cm — Water temperature: 32.8°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	4.0	pH	MT
1	Specific conductance	739	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	260	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	7.8	µg/L	MT
0	Calcium	4,340	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,520	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	8.2	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	23	µg/L	MT
1	Copper	107	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	1,050	µg/L	MT
2	Lead	109	µg/L	MT
0	Magnesium	2,040	µg/L	MT
2	Manganese	788	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	36	µg/L	MT
2	Nitrate as nitrogen	76,400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	898	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	16,100	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	55,900	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
1	Toluene	J 1.0	µg/L	MT
0	Total dissolved solids	482,000	µg/L	MT
0	Total organic carbon	1,800	µg/L	MT
0	Total organic halogens	9.0	µg/L	MT
0	Total phosphates	14	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	136	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	180±20	pCi/L	MT
2	Nonvolatile beta	1,800±200	pCi/L	MT
1	Total activity	5,010±50	pCi/mL	EM
2	Total radium	30±3.0	pCi/L	MT
2	Tritium	4,700±500	pCi/mL	MT

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 — Time: 7:45
Depth to water: 71.04 ft (21.74 m) below TOC — pH: 6.2
Water elevation: 207.96 ft (63.39 m) msl — Alkalinity: 33 meq/L
Sp. conductance: 553 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 20 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	MT
1	Specific conductance	562	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	264	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	11	µg/L	MT
1	Calcium	44,300	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,820	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	310	µg/L	MT
0	Iron	20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,100	µg/L	MT
2	Manganese	883	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	14	µg/L	MT
2	Nitrate as nitrogen	49,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,320	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,820	µg/L	MT
0	Silver	1.2	µg/L	MT
1	Sodium	40,700	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	562,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	29	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	41	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	85±7.0	pCi/L	MT
2	Nonvolatile beta	1,000±100	pCi/L	MT
1	Total activity	2,540±40	pCi/mL	EM
2	Total radium	40±4.0	pCi/L	MT
2	Tritium	2,300±300	pCi/mL	MT

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 11:50
Depth to water: Not available — pH: 3.3
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 1752 µS/cm — Water temperature: 28.7°C
Water evacuated before sampling: 22 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.3	pH	MT
1	Specific conductance	1,890	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
2	Barium	686	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	25	µg/L	MT
1	Calcium	12,100	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,690	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	26	µg/L	MT
1	Copper	24	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	310	µg/L	MT
0	Iron	69	µg/L	MT
0	Lead	7.1	µg/L	MT
1	Magnesium	10,100	µg/L	MT
2	Manganese	1,660	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	44	µg/L	MT
2	Nitrate as nitrogen	198,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,470	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	16,800	µg/L	GE
1	Silica	17,000	µg/L	GE
1	Silica	21,600	µg/L	MT
0	Silver	1.1	µg/L	MT
1	Sodium	98,600	µg/L	MT
0	Sulfate	1,630	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	781,000	µg/L	MT
0	Total organic carbon	1,670	µg/L	MT
1	Total organic halogens	15	µg/L	MT
0	Total phosphates	44	µg/L	MT
1	Total silica	24,500	µg/L	GE
1	Total silica	19,000	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
1	Tributyl phosphate	91	µg/L	GE
1	Tributyl phosphate	104	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	119	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	440±50	pCi/L	MT
2	Nonvolatile beta	3,200±400	pCi/L	MT
1	Total activity	18,100±90	pCi/mL	EM
2	Total radium	69±7.0	pCi/L	MT
2	Tritium	17,000±2,000	pCi/mL	MT

ANALYTICAL RESULTS

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 13:55
Depth to water: 68.84 ft (20.97 m) below TOC — pH: 3.4
Water elevation: 209.06 ft (63.72 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 1003 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.4	pH	MT
1	Specific conductance	993	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	283	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	14	µg/L	MT
0	Calcium	8,710	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,930	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	31	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	3,650	µg/L	MT
2	Iron	3,550	µg/L	MT
0	Lead	2.9	µg/L	MT
1	Magnesium	8,100	µg/L	MT
2	Manganese	516	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	17	µg/L	MT
2	Nitrate as nitrogen	99,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,550	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	69,600	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	544,000	µg/L	MT
0	Total organic carbon	1,040	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	11	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	51	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	15±4.0	pCi/L	MT
1	Nonvolatile beta	14±4.0	pCi/L	MT
2	Nonvolatile beta	1,400±200	pCi/L	MT
1	Total activity	8,670±60	pCi/mL	EM
2	Total radium	35±4.0	pCi/L	MT
2	Tritium	8,500±900	pCi/mL	MT

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 14:35
Depth to water: 70.04 ft (21.35 m) below TOC — pH: 4.9
Water elevation: 208.16 ft (62.84 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 505 µS/cm — Water temperature: 26.3°C
Water evacuated before sampling: 170 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
1	Specific conductance	372	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	72	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 69	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	27,500	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,280	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	8,950	µg/L	MT
2	Manganese	94	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	11	µg/L	MT
2	Nitrate as nitrogen	53,100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,200	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,810	µg/L	MT
0	Silver	0.60	µg/L	MT
1	Sodium	28,100	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
1	Toluene	J 1.0	µg/L	MT
0	Total dissolved solids	343,000	µg/L	MT
0	Total organic carbon	1,100	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	12	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	104	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	4.5±2.3	pCi/L	MT
1	Nonvolatile beta	35±5.0	pCi/L	MT
1	Total activity	1,630±30	pCi/mL	EM
1	Total radium	4.1±0.60	pCi/L	MT
2	Tritium	1,600±200	pCi/mL	MT

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90
Depth to water: 69.88 ft (21.30 m) below TOC
Water elevation: 206.32 ft (62.89 m) msl
Sp. conductance: 390 µS/cm
Water evacuated before sampling: 166 gal
Time: 10:10
pH: 5.1
Alkalinity: 0 meq/L
Water temperature: 18.2°C

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90
Depth to water: 68.11 ft (20.76 m) below TOC
Water elevation: 207.99 ft (63.40 m) msl
Sp. conductance: 2700 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.
Time: 8:10
pH: 3.6
Alkalinity: 0 meq/L
Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.6	pH	MT
0	Specific conductance	2.8	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<6.0	µg/L	MT
2	Barium	730	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	BJ 6.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	27	µg/L	MT
1	Calcium	28,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,470	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	12	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	90	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	1,040	µg/L	MT
2	Iron	752	µg/L	MT
0	Lead	19	µg/L	MT
1	Magnesium	7,150	µg/L	MT
2	Manganese	1,590	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	69	µg/L	MT
2	Nitrate as nitrogen	225,000	µg/L	MT
1	Phenols	13	µg/L	MT
0	Potassium	4,450	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	22,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	107,000	µg/L	MT
0	Sulfate	4,280	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total dissolved solids	1.37E+06	µg/L	MT
0	Total organic carbon	2,190	µg/L	MT
0	Total organic halogens	7.6	µg/L	MT
0	Total phosphates	26	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
1	Zinc	258	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	370±40	pCi/L	MT

WELL FSB 93D collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Nonvolatile beta	4,200±500	pCi/L	MT
1	Total activity	24,800±110	pCi/mL	EM
2	Total radium	62±7.0	pCi/L	MT
2	Tritium	24,000±3,000	pCi/mL	MT

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90
Depth to water: 75.76 ft (23.09 m) below TOC
Water elevation: 205.34 ft (62.59 m) msl
Sp. conductance: 1935 µS/cm
Water evacuated before sampling: 34 gal
The well went dry during purging.
Time: 15:20
pH: 10.7
Alkalinity: 86 meq/L
Water temperature: 27.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
1	Specific conductance	1,760	µS/cm	MT
2	Aluminum	22,200	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
2	Barium	671	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	BJ 1.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	21	µg/L	MT
1	Calcium	129,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,190	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	413	µg/L	MT
1	Cobalt	374	µg/L	MT
0	Copper	15	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	760	µg/L	MT
1	Iron	285	µg/L	MT
2	Iron	397	µg/L	MT
0	Lead	4.5	µg/L	MT
1	Magnesium	17,400	µg/L	MT
1	Magnesium	17,000	µg/L	MT
2	Manganese	14,500	µg/L	MT
2	Manganese	13,100	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	104	µg/L	MT
2	Nitrate as nitrogen	1.19E+06	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	16,400	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,860	µg/L	MT
1	Silver	2.8	µg/L	MT
1	Sodium	154,000	µg/L	MT
0	Sulfate	7,250	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
1	Toluene	6.0	µg/L	MT
0	Total dissolved solids	1.54E+06	µg/L	MT
0	Total organic carbon	1,940	µg/L	MT
0	Total organic halogens	6.1	µg/L	MT
0	Total phosphates	145	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	242	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	610±70	pCi/L	MT

ANALYTICAL RESULTS

WELL FSB 94C collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	28±10	pCi/L	MT
2	Nonvolatile beta	1,900±200	pCi/L	MT
1	Total activity	10,400±70	pCi/mL	EM
2	Total radium	42±5.0	pCi/L	MT
2	Tritium	9,500±1,000	pCi/mL	MT

WELL FSB 94D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 Time: 10:05
The well was dry.

WELL FSB 95C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 Time: 14:20
Depth to water: 79.52 ft (24.24 m) below TOC pH: 11.4
Water elevation: 204.48 ft (62.33 m) msl Alkalinity: 179 meq/L
Sp. conductance: 1596 µS/cm Water temperature: 28.4°C
Water evacuated before sampling: 25 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	MT
1	Specific conductance	1,440	µS/cm	MT
1	Aluminum	376	µg/L	MT
1	Antimony	6.8	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	285	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	BJ 2.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	125,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,500	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
2	Chromium	48	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
1	Cyanide	7.7	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	3.4	µg/L	MT
0	Magnesium	134	µg/L	MT
0	Magnesium	123	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	101,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	19,500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,800	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	16,000	µg/L	MT
0	Sulfate	3,090	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
1	Toluene	J 4.0	µg/L	MT
0	Total dissolved solids	1.14E+06	µg/L	MT
0	Total organic carbon	3,460	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT

WELL FSB 95C collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<8.0	pCi/L	MT
2	Nonvolatile beta	250±30	pCi/L	MT
1	Total activity	6,250±50	pCi/mL	EM
1	Total radium	3.7±0.50	pCi/L	MT
2	Tritium	5,400±600	pCi/mL	MT

WELL FSB 95D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 Time: 9:50
The well was dry.

WELL FSB 96A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 Time: 14:40
Depth to water: 128.15 ft (39.06 m) below TOC pH: 9.4
Water elevation: 151.65 ft (46.22 m) msl Alkalinity: 84 meq/L
Sp. conductance: 216 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 20 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.6	pH	MT
1	Specific conductance	266	µS/cm	MT
1	Antimony	4.5	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	39	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 44	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	3,420	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,110	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	572	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
1	Phenols	7.8	µg/L	MT
1	Potassium	23,300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	17,800	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	30,700	µg/L	MT
0	Sulfate	5,600	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	154,000	µg/L	MT
0	Total organic carbon	1,770	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	42	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT

WELL FSB 96A collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	5.5	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Gross alpha	5.8±2.8	pCi/L	MT
1	Nonvolatile beta	18±4.0	pCi/L	MT
0	Total radium	1.6±0.30	pCi/L	MT
1	Tritium	10±1.0	pCi/mL	MT

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 Time: 11:15
Depth to water: 135.40 ft (41.27 m) below TOC pH: 6.9
Water elevation: 150.70 ft (45.93 m) msl Alkalinity: 61 meq/L
Sp. conductance: 284 µS/cm Water temperature: 22.3°C
Water evacuated before sampling: 170 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	MT
1	Specific conductance	258	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	48	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 1.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	41,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,280	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	6.1	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,210	µg/L	MT
0	Manganese	9.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	15,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	779	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,600	µg/L	GE
1	Silica	17,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	8,430	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	256,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	127	µg/L	MT
1	Total silica	16,800	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT

WELL FSB 97A collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	17±4.0	pCi/L	MT
1	Total activity	502±4.8	pCi/mL	EM
0	Total radium	1.2±0.40	pCi/L	MT
2	Tritium	410±50	pCi/mL	MT

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 Time: 11:30
Depth to water: 80.73 ft (24.61 m) below TOC pH: 3.9
Water elevation: 205.37 ft (62.60 m) msl Alkalinity: 0 meq/L
Sp. conductance: 2220 µS/cm Water temperature: 23.9°C
Water evacuated before sampling: 28 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.9	pH	MT
0	Specific conductance	2.3	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
1	Arsenic	6.6	µg/L	MT
2	Barium	1,120	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	10	µg/L	MT
1	Calcium	66,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,290	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	5.9	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	618	µg/L	MT
1	Copper	80	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 10	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	720	µg/L	MT
2	Iron	847	µg/L	MT
2	Lead	28	µg/L	MT
1	Magnesium	10,100	µg/L	MT
2	Manganese	8,740	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	187	µg/L	MT
2	Nitrate as nitrogen	320,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	7,500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	42,000	µg/L	GE
1	Silica	42,000	µg/L	GE
1	Silica	44,800	µg/L	MT
0	Silver	1.5	µg/L	MT
1	Sodium	128,000	µg/L	MT
0	Sulfate	1,140	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	1.56E+06	µg/L	MT
0	Total organic carbon	1,970	µg/L	MT
1	Total organic halogens	12	µg/L	MT
1	Total phosphates	507	µg/L	MT
1	Total silica	36,000	µg/L	GE
1	Total silica	50,000	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
1	Tributyl phosphate	77	µg/L	GE
1	Tributyl phosphate	40	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 97C collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Vanadium	<3.0	µg/L	MT
1	Zinc	338	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	610±70	pCi/L	MT
2	Nonvolatile beta	2,200±300	pCi/L	MT
1	Total activity	22,200±100	pCi/mL	EM
2	Total radium	140±20	pCi/L	MT
2	Tritium	19,000±2,000	pCi/mL	MT

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90
Depth to water: 78.08 ft (23.80 m) below TOC
Water elevation: 207.92 ft (63.37 m) msl
Sp. conductance: 1814 µS/cm
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.
Time: 11:50
pH: 4.0
Alkalinity: 0 meq/L
Water temperature: 24.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
1	Specific conductance	1,540	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
1	Arsenic	3.4	µg/L	MT
2	Barium	722	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	15	µg/L	MT
1	Calcium	99,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,130	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	23	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	19	µg/L	MT
1	Copper	249	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	8,010	µg/L	MT
2	Lead	1,100	µg/L	MT
0	Magnesium	4,780	µg/L	MT
2	Manganese	2,590	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	67	µg/L	MT
2	Nitrate as nitrogen	247,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,780	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	57,700	µg/L	MT
0	Silver	1.3	µg/L	MT
1	Sodium	260,000	µg/L	MT
0	Sulfate	8,160	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	1.45E+06	µg/L	MT
0	Total organic carbon	1,890	µg/L	MT
0	Total organic halogens	9.4	µg/L	MT
0	Total phosphates	114	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
1	Zinc	455	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT

WELL FSB 97D collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Total activity	15,700±80	pCi/mL	EM

WELL FSB 98A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90
Depth to water: 133.17 ft (40.59 m) below TOC
Water elevation: 149.83 ft (45.67 m) msl
Sp. conductance: 476 µS/cm
Water evacuated before sampling: 172 gal
Time: 10:05
pH: 11.1
Alkalinity: 113 meq/L
Water temperature: 24.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	MT
1	Specific conductance	410	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	71	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	46,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,940	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	536	µg/L	MT
0	Manganese	2.7	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	640	µg/L	MT
1	Phenols	5.8	µg/L	MT
0	Potassium	2,670	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	15,500	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,940	µg/L	MT
0	Sulfate	1,650	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	120,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	10	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<6.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.2±0.20	pCi/L	MT
0	Tritium	8.6±0.90	pCi/mL	MT

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 — Time: 9:15
Depth to water: 77.08 ft (23.49 m) below TOC — pH: 3.2
Water elevation: 206.02 ft (62.80 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 1980 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 154 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.2	pH	MT
0	Specific conductance	2.3	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<6.0	µg/L	MT
2	Barium	814	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
2	Cadmium	15	µg/L	MT
1	Calcium	11,600	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,520	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
1	Chromium	5.9	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	421	µg/L	MT
1	Copper	123	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 8.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	280	µg/L	MT
0	Iron	37	µg/L	MT
0	Lead	2.8	µg/L	MT
1	Magnesium	5,340	µg/L	MT
2	Manganese	7,890	µg/L	MT
0	Mercury	0.28	µg/L	MT
1	Nickel	64	µg/L	MT
2	Nitrate as nitrogen	247,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,820	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	66,500	µg/L	MT
1	Silver	2.6	µg/L	MT
1	Sodium	109,000	µg/L	MT
0	Sulfate	1,970	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	963,000	µg/L	MT
0	Total organic carbon	1,140	µg/L	MT
0	Total organic halogens	7.0	µg/L	MT
0	Total phosphates	68	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	176	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	440±50	pCi/L	MT
2	Nonvolatile beta	1,600±200	pCi/L	MT
1	Total activity	15,200±80	pCi/mL	EM
2	Total radium	110±20	pCi/L	MT
2	Tritium	14,000±2,000	pCi/mL	MT

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 — Time: 9:30
Depth to water: 74.32 ft (22.65 m) below TOC — pH: 3.6
Water elevation: 208.78 ft (63.64 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 2540 µS/cm — Water temperature: 24.7°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.7	pH	MT
0	Specific conductance	3.1	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<6.0	µg/L	MT
2	Barium	2,010	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 1.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	25,300	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,280	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	8.7	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	283	µg/L	MT
1	Copper	84	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 9.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	350	µg/L	MT
2	Iron	1,770	µg/L	MT
0	Lead	17	µg/L	MT
0	Lead	15	µg/L	MT
0	Magnesium	1,930	µg/L	MT
2	Manganese	10,900	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	85	µg/L	MT
2	Nitrate as nitrogen	349,000	µg/L	MT
1	Phenols	6.7	µg/L	MT
1	Phenols	7.9	µg/L	MT
0	Potassium	3,200	µg/L	MT
0	Potassium	3,130	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	70,000	µg/L	MT
1	Silver	4.0	µg/L	MT
1	Sodium	310,000	µg/L	MT
0	Sulfate	1,970	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	1.79E+06	µg/L	MT
0	Total organic carbon	2,890	µg/L	MT
1	Total organic halogens	16	µg/L	MT
1	Total phosphates	2,170	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	203	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	750±80	pCi/L	MT
2	Nonvolatile beta	1,800±200	pCi/L	MT
1	Total activity	28,600±110	pCi/mL	EM
2	Total radium	28±3.0	pCi/L	MT
2	Tritium	24,000±3,000	pCi/mL	MT

ANALYTICAL RESULTS

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 — Time: 10:15
Depth to water: 138.53 ft (42.22 m) below TOC — pH: 7.2
Water elevation: 149.07 ft (45.44 m) msl — Alkalinity: 55 meq/L
Sp. conductance: 169 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	MT
1	Specific conductance	170	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	42	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 11	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	23,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,000	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,400	µg/L	MT
0	Manganese	7.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	2,210	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	16,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,920	µg/L	MT
0	Sulfate	1,410	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	105,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	228	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	9.7	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	6.2±3.2	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	61±7.0	pCi/mL	MT

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 — Time: 10:45
Depth to water: 80.89 ft (24.66 m) below TOC — pH: 5.7
Water elevation: 206.81 ft (63.04 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 348 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 133 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
1	Specific conductance	319	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	92	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	18,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,230	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	8,890	µg/L	MT
2	Manganese	106	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	3.4	µg/L	MT
2	Nitrate as nitrogen	33,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,220	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,180	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	27,100	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	338,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	11	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	30	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
	Gross alpha	9.4±3.3	pCi/L	MT
2	Nonvolatile beta	69±4.0	pCi/L	MT
1	Total activity	2,430±10	pCi/mL	EM
2	Total radium	7.0±0.80	pCi/L	MT
2	Tritium	2,100±300	pCi/mL	MT

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 Time: 11:15
Depth to water: 77.84 ft (23.73 m) below TOC pH: 4.5
Water elevation: 209.76 ft (63.94 m) msl Alkalinity: 0 meq/L
Sp. conductance: 50 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
0	Specific conductance	59	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	12	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 18	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,320	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,250	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	3.1	µg/L	MT
0	Magnesium	286	µg/L	MT
1	Manganese	32	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	4.0	µg/L	MT
0	Nitrate as nitrogen	2,600	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	15,100	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,360	µg/L	MT
0	Sulfate	3,220	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	38,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	14	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	15±4.0	pCi/L	MT
1	Nonvolatile beta	16±4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	30±3.0	pCi/mL	MT

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90 Time: 11:30
Depth to water: 77.90 ft (23.74 m) below TOC pH: 4.7
Water elevation: 209.70 ft (63.92 m) msl Alkalinity: 0 meq/L
Sp. conductance: 45 µS/cm Water temperature: 23.7°C
Water evacuated before sampling: 29 gal

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 Time: 13:05
Depth to water: 136.15 ft (41.50 m) below TOC pH: 7.0
Water elevation: 149.85 ft (45.67 m) msl Alkalinity: 60 meq/L
Sp. conductance: 201 µS/cm Water temperature: 24.2°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.1	pH	MT
1	Specific conductance	280	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	37	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	23,700	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,340	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,250	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	5,870	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,000	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,800	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	9,590	µg/L	MT
0	Sulfate	2,640	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	113,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	186	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	17	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT

ANALYTICAL RESULTS

WELL FSB100A collected on 07/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	160±20	pCi/mL	MT

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 — Time: 12:00
Depth to water: 134.94 ft (41.13 m) below TOC — pH: 6.9
Water elevation: 150.26 ft (45.80 m) msl — Alkalinity: 48 meq/L
Sp. conductance: 166 µS/cm — Water temperature: 24.6°C
Water evacuated before sampling: 150 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	MT
1	Specific conductance	195	µS/cm	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	32	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 16	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	26,100	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,650	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	688	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,260	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	15,100	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,000	µg/L	MT
0	Sulfate	1,820	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	71,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	102	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	8.2	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 — Time: 14:10
Depth to water: 7.11 ft (2.17 m) below TOC — pH: 4.4
Water elevation: 193.99 ft (59.13 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 524 µS/cm — Water temperature: 26.0°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
1	Specific conductance	531	µS/cm	MT
2	Aluminum	1,370	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	131	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	7.1	µg/L	MT
1	Calcium	20,400	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,710	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	51	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	340	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	6,970	µg/L	MT
2	Manganese	1,230	µg/L	MT
1	Mercury	0.86	µg/L	MT
1	Nickel	19	µg/L	MT
2	Nitrate as nitrogen	52,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,040	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,100	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	56,200	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	437,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	33	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	53	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
2	Nonvolatile beta	810±70	pCi/L	MT
1	Total activity	1,720±9.0	pCi/mL	EM
2	Total radium	5.4±0.60	pCi/L	MT
2	Total radium	7.7±0.80	pCi/L	MT
2	Tritium	1,500±200	pCi/mL	MT

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90
Depth to water: 42.33 ft (12.90 m) below TOC
Water elevation: 200.07 ft (60.98 m) msl
Sp. conductance: 233 µS/cm
Water evacuated before sampling: 150 gal
Time: 12:25
pH: 5.7
Alkalinity: 8 meq/L
Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
1	Specific conductance	251	µS/cm	MT
1	Aluminum	139	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	34	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	22,600	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,350	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	8.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,130	µg/L	MT
1	Manganese	25	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	7.9	µg/L	MT
2	Nitrate as nitrogen	22,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	514	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	8,480	µg/L	MT
0	Sulfate	1,490	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total dissolved solids	270,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	19	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	1.8 ± 1.4	pCi/L	MT
1	Nonvolatile beta	26 ± 5.0	pCi/L	MT
1	Total activity	652 ± 5.5	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	590 ± 60	pCi/mL	MT

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/90
Depth to water: 41.68 ft (12.70 m) below TOC
Water elevation: 200.72 ft (61.18 m) msl
Sp. conductance: 223 µS/cm
Water evacuated before sampling: 152 gal
Time: 14:05
pH: 5.6
Alkalinity: 7 meq/L
Water temperature: 23.3°C

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90
Depth to water: 20.95 ft (6.39 m) below TOC
Water elevation: 198.15 ft (60.40 m) msl
Sp. conductance: 340 µS/cm
Water evacuated before sampling: 138 gal
Time: 13:10
pH: 5.3
Alkalinity: 3 meq/L
Water temperature: 22.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
1	Specific conductance	336	µS/cm	MT
1	Aluminum	117	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	64	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	32,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,450	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,400	µg/L	MT
0	Manganese	24	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	8.5	µg/L	MT
2	Nitrate as nitrogen	34,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,250	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,800	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	12,900	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	374,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	23	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	48	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	1.5 ± 1.4	pCi/L	MT

ANALYTICAL RESULTS

WELL FSB104C collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Nonvolatile beta	41±5.0	pCi/L	MT
1	Total activity	1,050±7.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	920±100	pCi/mL	MT

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90
Depth to water: 17.31 ft (5.28 m) below TOC
Water elevation: 201.89 ft (61.54 m) msl
Sp. conductance: 1903 µS/cm
Water evacuated before sampling: 44 gal
Time: 13:00
pH: 3.2
Alkalinity: 0 meq/L
Water temperature: 24.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.2	pH	MT
1	Specific conductance	1,980	µS/cm	MT
2	Aluminum	87,100	µg/L	MT
0	Antimony	<2.0	µg/L	MT
1	Arsenic	5.7	µg/L	MT
1	Barium	371	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	23	µg/L	MT
0	Calcium	4,060	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1 860	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	97	µg/L	MT
1	Copper	72	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	270	µg/L	MT
0	Iron	61	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,460	µg/L	MT
2	Manganese	2,850	µg/L	MT
1	Mercury	0.80	µg/L	MT
1	Nickel	43	µg/L	MT
2	Nitrate as nitrogen	231,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	903	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	66,200	µg/L	MT
0	Silver	1.5	µg/L	MT
1	Sodium	152,000	µg/L	MT
0	Sulfate	1,470	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	1.20E+06	µg/L	MT
0	Total organic carbon	1,640	µg/L	MT
0	Total organic halogens	5.9	µg/L	MT
0	Total phosphates	48	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	135	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	340±40	pCi/L	MT
2	Nonvolatile beta	2,000±200	pCi/L	MT
1	Total activity	16,300±90	pCi/mL	EM
2	Total radium	76±8.0	pCi/L	MT
2	Tritium	14,000±2,000	pCi/mL	MT

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90
Depth to water: 81.09 ft (24.72 m) below TOC
Water elevation: 204.71 ft (62.40 m) msl
Sp. conductance: 1533 µS/cm
Water evacuated before sampling: 180 gal
Time: 9:30
pH: 3.5
Alkalinity: 0 meq/L
Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.3	pH	MT
1	Specific conductance	1,580	µS/cm	MT
2	Aluminum	59,700	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
2	Barium	695	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	25	µg/L	MT
1	Calcium	19,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,970	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	496	µg/L	MT
1	Copper	61	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 6.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	360	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	8,170	µg/L	MT
2	Manganese	5,920	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	69	µg/L	MT
2	Nitrate as nitrogen	169,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,230	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	26,700	µg/L	MT
0	Silver	0.80	µg/L	MT
1	Sodium	91,700	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total dissolved solids	945,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	94	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	192	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	160±20	pCi/L	MT
2	Nonvolatile beta	1,500±200	pCi/L	MT
1	Total activity	10,200±70	pCi/mL	EM
2	Total radium	120±20	pCi/L	MT
2	Tritium	8,900±900	pCi/mL	MT

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90 — Time: 11:50
Depth to water: 80.97 ft (24.68 m) below TOC — pH: 3.4
Water elevation: 204.83 ft (62.43 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 1498 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 177 gal

WELL FSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 9:30
Depth to water: 78.41 ft (23.90 m) below TOC
Water elevation: 207.39 ft (63.21 m) msl
The well pumped dry before sampling could be done.

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 — Time: 13:40
Depth to water: 35.72 ft (10.89 m) below TOC — pH: 4.9
Water elevation: 199.38 ft (60.77 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 685 µS/cm — Water temperature: 23.5°C
Water evacuated before sampling: 130 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
1	Specific conductance	657	µS/cm	MT
2	Aluminum	3,970	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	193	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	14	µg/L	MT
1	Calcium	39,400	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,770	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	72	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	450	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	8,070	µg/L	MT
2	Manganese	1,540	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	14	µg/L	MT
2	Nitrate as nitrogen	67,400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,170	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	52,200	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	657,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	80	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT

WELL FSB106C collected on 07/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	45	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	20±5.0	pCi/L	MT
2	Nonvolatile beta	1,200±200	pCi/L	MT
1	Total activity	2,410±10	pCi/mL	EM
2	Total radium	29±3.0	pCi/L	MT
2	Tritium	2,100±300	pCi/mL	MT

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90 — Time: 16:35
Depth to water: 35.17 ft (10.72 m) below TOC — pH: 4.7
Water elevation: 199.93 ft (60.94 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 712 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 130 gal

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 10:45
Depth to water: 63.24 ft (19.28 m) below TOC — pH: 6.6
Water elevation: 207.66 ft (63.30 m) msl — Alkalinity: 46 meq/L
Sp. conductance: 220 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 164 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
1	Specific conductance	198	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	33	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	30,400	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,920	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,650	µg/L	MT
2	Manganese	62	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	8,420	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	475	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,850	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	7,170	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	J 3.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB107C collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Thallium	<3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	211,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	94	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	8.7	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
2	Nonvolatile beta	63±7.0	pCi/L	MT
1	Total activity	184±3.1	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	180±20	pCi/mL	MT

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90
Depth to water: 60.29 ft (18.38 m) below TOC
Water elevation: 210.71 ft (64.23 m) msl
Sp. conductance: 882 µS/cm
Water evacuated before sampling: 42 gal
Time: 10:30
pH: 3.7
Alkalinity: 0 meq/L
Water temperature: 23.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.7	pH	MT
1	Specific conductance	718	µS/cm	MT
2	Aluminum	14,900	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	157	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	5.3	µg/L	MT
0	Calcium	2,280	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,370	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	15	µg/L	MT
1	Copper	32	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 9.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	380	µg/L	MT
0	Iron	69	µg/L	MT
0	Lead	4.1	µg/L	MT
0	Magnesium	1,650	µg/L	MT
2	Manganese	1,260	µg/L	MT
2	Mercury	3.6	µg/L	MT
1	Nickel	16	µg/L	MT
2	Nitrate as nitrogen	74,100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	19,600	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	79,400	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	352,000	µg/L	MT
0	Total organic carbon	1,600	µg/L	MT
0	Total organic halogens	7.3	µg/L	MT

WELL FSB107D collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total phosphates	23	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	44	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	300±30	pCi/L	MT
2	Nonvolatile beta	1,900±200	pCi/L	MT
1	Total activity	2,040±30	pCi/mL	EM
2	Total radium	18±2.0	pCi/L	MT
2	Tritium	1,800±200	pCi/mL	MT

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90
Depth to water: 60.16 ft (18.34 m) below TOC
Water elevation: 210.84 ft (64.26 m) msl
Sp. conductance: 643 µS/cm
Water evacuated before sampling: 39 gal
Time: 11:00
pH: 3.6
Alkalinity: 0 meq/L
Water temperature: 19.8°C

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90
Depth to water: 84.03 ft (25.61 m) below TOC
Water elevation: 213.97 ft (65.22 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.
Time: 8:00
pH: 6.5
Alkalinity: 23 meq/L
Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	Specific conductance	77	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	18	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	8,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,990	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	21	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	26	µg/L	MT
0	Lead	7.1	µg/L	MT
0	Magnesium	546	µg/L	MT
1	Manganese	35	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	42	µg/L	MT
0	Nitrate as nitrogen	1,520	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	488	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,500	µg/L	MT

WELL FSB108D collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<0.60	µg/L	MT
0	Sodium	4,380	µg/L	MT
0	Sulfate	1,890	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	52,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	16	µg/L	MT
0	Total phosphates	24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	94	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
1	Tritium	15±2.0	pCi/mL	MT

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 9:20
Depth to water: 82.76 ft (25.23 m) below TOC — pH: 6.2
Water elevation: 210.34 ft (64.11 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 53 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 12 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	Specific conductance	54	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.4	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,920	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,480	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	8.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	4.9	µg/L	MT
0	Magnesium	566	µg/L	MT
0	Manganese	3.8	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	9.8	µg/L	MT
0	Nitrate as nitrogen	2,270	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,530	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	4,710	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT

WELL FSB109D collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	26,000	µg/L	MT
0	Total organic carbon	1,470	µg/L	MT
0	Total organic halogens	8.4	µg/L	MT
0	Total phosphates	97	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	140	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	110±20	pCi/mL	MT

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 — Time: 13:35
Depth to water: 34.69 ft (10.57 m) below TOC — pH: 3.0
Water elevation: 199.31 ft (60.75 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 2790 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 180 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	MT
1	Specific conductance	384	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	89	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	34,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,400	µg/L	MT
0	Manganese	20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	8.6	µg/L	MT
2	Nitrate as nitrogen	36,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,840	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,200	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	16,400	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	337,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	87	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB110C collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	12	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
1	Nonvolatile beta	49±6.0	pCi/L	MT
1	Total activity	1,020±6.8	pCi/mL	EM
0	Total radium	1.2±0.30	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	850±90	pCi/mL	MT

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90
Depth to water: 34.25 ft (10.44 m) below TOC
Water elevation: 199.75 ft (60.88 m) msl
Sp. conductance: 359 µS/cm
Water evacuated before sampling: 177 gal
Time: 16:20
pH: 6.2
Alkalinity: 18 meq/L
Water temperature: 21.2°C

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90
Depth to water: 31.48 ft (9.60 m) below TOC
Water elevation: 203.02 ft (61.88 m) msl
Sp. conductance: 357 µS/cm
Water evacuated before sampling: 50 gal
Time: 13:15
pH: 6.2
Alkalinity: 1 meq/L
Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	3.0	pH	MT
0	Specific conductance	2.8	µS/cm	MT
2	Aluminum	230,000	µg/L	MT
2	Aluminum	228,000	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
1	Arsenic	6.5	µg/L	MT
1	Arsenic	8.0	µg/L	MT
1	Barium	271	µg/L	MT
1	Barium	270	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,730	µg/L	MT
0	Calcium	1,700	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	20	µg/L	MT
1	Chromium	20	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	151	µg/L	MT
1	Copper	149	µg/L	MT
1	Cyanide	6.8	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	334	µg/L	MT
2	Iron	330	µg/L	MT
0	Lead	12	µg/L	MT
0	Lead	13	µg/L	MT

WELL FSB110D collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	1,330	µg/L	MT
0	Magnesium	1,320	µg/L	MT
2	Manganese	1,260	µg/L	MT
2	Manganese	1,260	µg/L	MT
1	Mercury	0.48	µg/L	MT
1	Nickel	64	µg/L	MT
1	Nickel	64	µg/L	MT
2	Nitrate as nitrogen	373,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,880	µg/L	MT
0	Potassium	1,970	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	150,000	µg/L	GE
1	Silica	159,000	µg/L	MT
1	Silica	157,000	µg/L	MT
1	Silver	6.2	µg/L	MT
1	Silver	6.1	µg/L	MT
1	Sodium	72,500	µg/L	MT
1	Sodium	71,400	µg/L	MT
1	Sulfate	28,100	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	1.03E+06	µg/L	MT
0	Total organic carbon	3,320	µg/L	MT
0	Total organic halogens	8.5	µg/L	MT
0	Total phosphates	260	µg/L	MT
1	Total silica	170,000	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
1	Tributyl phosphate	26	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
1	Zinc	264	µg/L	MT
1	Zinc	259	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	980±100	pCi/L	MT
2	Nonvolatile beta	2,200±300	pCi/L	MT
1	Total activity	39,700±130	pCi/mL	EM
2	Total radium	18±2.0	pCi/L	MT
2	Tritium	35,000±4,000	pCi/mL	MT

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90
Depth to water: 30.85 ft (9.40 m) below TOC
Water elevation: 203.65 ft (62.07 m) msl
Sp. conductance: 2210 µS/cm
Water evacuated before sampling: 50 gal
Time: 15:35
pH: 3.0
Alkalinity: 0 meq/L
Water temperature: 21.5°C

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90
Depth to water: 67.11 ft (20.46 m) below TOC
Water elevation: 209.19 ft (63.76 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 146 gal
Time: 11:35
pH: 5.5
Alkalinity: 5 meq/L
Water temperature: 23.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	Specific conductance	58	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.7	µg/L	MT

WELL FSB111C collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	5,380	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,660	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	29	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	398	µg/L	MT
0	Manganese	4.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,960	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,390	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	57,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	90	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	5.4±0.80	pCi/mL	MT

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90
Depth to water: 64.50 ft (19.66 m) below TOC
Water elevation: 212.10 ft (64.65 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 44 gal
Time: 11:55
pH: 4.8
Alkalinity: 0 meq/L
Water temperature: 23.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
0	Specific conductance	38	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	14	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,200	µg/L	MT

WELL FSB111D collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,710	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	24	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	4.8	µg/L	MT
0	Magnesium	753	µg/L	MT
0	Manganese	15	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	4.5	µg/L	MT
0	Nitrate as nitrogen	1,780	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,610	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,410	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	J 2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	30,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	8.1	µg/L	MT
0	Total phosphates	32	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
1	Trichlorofluoromethane	J 9.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	18	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	8.6±3.5	pCi/L	MT
1	Total radium	2.8±0.50	pCi/L	MT
1	Tritium	13±2.0	pCi/mL	MT

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
Depth to water: 43.96 ft (13.40 m) below TOC
Water elevation: 222.04 ft (67.68 m) msl
Sp. conductance: 184 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.
Time: 11:00
pH: 8.0
Alkalinity: 89 meq/L
Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	GE
1	Specific conductance	143	µS/cm	GE
0	Chloride	2,300	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Manganese	3.7	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Total dissolved solids	83,000	µg/L	GE
1	Total organic halogens	13	µg/L	GE
1	Tritium	12±0.40	pCi/mL	GE

ANALYTICAL RESULTS

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 10:45
Depth to water: 40.17 ft (12.24 m) below TOC — pH: 4.4
Water elevation: 221.43 ft (67.49 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 107 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
1	Specific conductance	108	µS/cm	GE
0	Chloride	3,100	µg/L	GE
1	Iron	280	µg/L	GE
0	Lead	9.0	µg/L	GE
2	Manganese	300	µg/L	GE
0	Nitrate as nitrogen	610	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
1	Sodium	7,000	µg/L	GE
0	Total dissolved solids	69,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total activity	236±4.2	pCi/mL	EM
2	Tritium	213±1.5	pCi/mL	GE

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 10:25
Depth to water: 39.17 ft (11.94 m) below TOC — pH: 4.3
Water elevation: 219.03 ft (66.76 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 51 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Chloride	3,100	µg/L	GE
1	Iron	210	µg/L	GE
2	Lead	39	µg/L	GE
2	Manganese	89	µg/L	GE
0	Nitrate as nitrogen	840	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
1	Sodium	5,300	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
2	Tritium	63±0.90	pCi/mL	GE

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 10:05
Depth to water: 75.33 ft (22.96 m) below TOC — pH: 4.0
Water elevation: 216.47 ft (65.98 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 47 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Chloride	3,500	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	9.0	µg/L	GE
0	Nitrate as nitrogen	2,500	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Tritium	6.6±0.40	pCi/mL	GE

WELL FTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 12:30
The well was dry.

WELL FTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 12:25
The well was dry.

WELL FTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 12:45
The well was dry.

WELL FTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 13:30
Depth to water: 55.00 ft (16.76 m) below TOC — pH: 7.0
Water elevation: 223.50 ft (68.12 m) msl
Sp. conductance: 108 µS/cm — Water temperature: 31.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	Nitrate as nitrogen	280	µg/L	MT
1	Sodium	7,010	µg/L	MT
2	Gross alpha	80±20	pCi/L	MT
0	Gross alpha	0.44±0.49	pCi/L	EM
2	Nonvolatile beta	140±20	pCi/L	MT
0	Nonvolatile beta	5.8±1.6	pCi/L	EM
2	Total radium	11±2.0	pCi/L	MT
0	Tritium	2.1±0.30	pCi/mL	MT
0	Tritium	3.5±0.73	pCi/mL	EM

WELL FTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: Not available
Inaccessibility or pump failure prevented sample collection.

WELL FTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 13:20
The well was dry

WELL FTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 12:50
Depth to water: 59.80 ft (18.23 m) below TOC pH: 6.6
Water elevation: 220.20 ft (67.12 m) msl
Sp. conductance: 122 µS/cm Water temperature: 38.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.6	pH	MT
0	Nitrate as nitrogen	330	µg/L	MT
0	Sodium	3,870	µg/L	MT
2	Gross alpha	17±7.0	pCi/L	MT
0	Gross alpha	2.1±1.6	pCi/L	EM
2	Nonvolatile beta	5,400±600	pCi/L	MT
2	Nonvolatile beta	292±30	pCi/L	EM
1	Total radium	4.6±0.80	pCi/L	MT
0	Tritium	7.3±0.80	pCi/mL	MT
0	Tritium	6.9±0.81	pCi/mL	EM

WELL FTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 13:10
The well was dry.

WELL FTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 10:00
The well was dry.

WELL FTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 11:15
The well was dry.

WELL FTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 10:20
The well was dry.

WELL FTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 10:15
Depth to water: 44.20 ft (13.47 m) below TOC pH: 11.2
Water elevation: 227.50 ft (69.34 m) msl
Sp. conductance: 1494 µS/cm Water temperature: 26.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	MT
0	Nitrate as nitrogen	2,350	µg/L	MT
1	Sodium	6,070	µg/L	MT
1	Gross alpha	6.9±3.7	pCi/L	MT
0	Gross alpha	-1.8±3.3	pCi/L	EM
1	Nonvolatile beta	27±6.0	pCi/L	MT
1	Nonvolatile beta	15±10	pCi/L	EM
0	Total radium	1.2±0.40	pCi/L	MT
1	Tritium	13±2.0	pCi/mL	MT
1	Tritium	16±1.0	pCi/mL	EM

WELL FTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 14:15
The well was dry.

WELL FTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 12:15
The well was dry.

WELL FTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 13:55
Depth to water: 52.50 ft (16.00 m) below TOC pH: 6.2
Water elevation: 234.00 ft (71.32 m) msl
Sp. conductance: 64 µS/cm Water temperature: 27.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
1	Nitrate as nitrogen	4,000	µg/L	MT
0	Sodium	4,620	µg/L	MT
2	Gross alpha	24±5.0	pCi/L	MT
0	Gross alpha	1.2±0.73	pCi/L	EM
1	Nonvolatile beta	31±5.0	pCi/L	MT
0	Nonvolatile beta	1.4±0.96	pCi/L	EM
2	Total radium	8.4±1.0	pCi/L	MT
0	Tritium	7.7±0.80	pCi/mL	MT
0	Tritium	9.0±0.87	pCi/mL	EM

WELL FTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 9:50
Depth to water: 68.50 ft (20.88 m) below TOC pH: 5.1
Water elevation: 220.10 ft (67.09 m) msl
Sp. conductance: 57 µS/cm Water temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Nitrate as nitrogen	2,040	µg/L	MT
0	Sodium	2,980	µg/L	MT
2	Gross alpha	41±6.0	pCi/L	MT
0	Gross alpha	1.5±0.78	pCi/L	EM
1	Nonvolatile beta	37±6.0	pCi/L	MT
0	Nonvolatile beta	1.8±1.0	pCi/L	EM
2	Total radium	6.3±0.80	pCi/L	MT
0	Tritium	6.0±0.80	pCi/mL	MT
0	Tritium	6.3±0.80	pCi/mL	EM

WELL FTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 10:05
Depth to water: 69.80 ft (21.28 m) below TOC pH: 5.3
Water elevation: 219.80 ft (67.00 m) msl
Sp. conductance: 52 µS/cm Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Nitrate as nitrogen	2,290	µg/L	MT
1	Sodium	5,100	µg/L	MT

ANALYTICAL RESULTS

WELL FTF 17 collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	43±9.0	pCi/L	MT
0	Gross alpha	1.4±0.77	pCi/L	EM
1	Nonvolatile beta	39±8.0	pCi/L	MT
0	Nonvolatile beta	2.4±1.1	pCi/L	EM
2	Total radium	9.2±1.1	pCi/L	MT
0	Tritium	6.0±0.80	pCi/mL	MT
0	Tritium	6.4±0.81	pCi/mL	EM

WELL FTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 10:25
Depth to water: 68.50 ft (20.88 m) below TOC pH: 5.4
Water elevation: 219.50 ft (66.90 m) msl
Sp. conductance: 41 µS/cm Water temperature: 23.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Nitrate as nitrogen	1,470	µg/L	MT
0	Sodium	3,710	µg/L	MT
2	Gross alpha	29±6.0	pCi/L	MT
0	Gross alpha	2.0±0.91	pCi/L	EM
1	Nonvolatile beta	41±7.0	pCi/L	MT
0	Nonvolatile beta	1.3±0.95	pCi/L	EM
2	Total radium	6.8±0.90	pCi/L	MT
0	Tritium	4.4±0.50	pCi/mL	MT
0	Tritium	5.7±0.78	pCi/mL	EM

WELL FTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 10:45
Depth to water: 68.00 ft (20.73 m) below TOC pH: 5.9
Water elevation: 219.20 ft (66.81 m) msl
Sp. conductance: 55 µS/cm Water temperature: 27.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Nitrate as nitrogen	1,590	µg/L	MT
1	Sodium	6,920	µg/L	MT
2	Gross alpha	45±10	pCi/L	MT
0	Gross alpha	0.76±0.59	pCi/L	EM
2	Nonvolatile beta	52±10	pCi/L	MT
0	Nonvolatile beta	3.5±1.3	pCi/L	EM
2	Total radium	7.5±1.0	pCi/L	MT
0	Tritium	4.0±0.40	pCi/mL	MT
0	Tritium	5.2±0.77	pCi/mL	EM

WELL FTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 11:00
Depth to water: 68.40 ft (20.85 m) below TOC pH: 6.0
Water elevation: 218.70 ft (66.66 m) msl
Sp. conductance: 75 µS/cm Water temperature: 27.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	Nitrate as nitrogen	1,530	µg/L	MT
1	Sodium	7,520	µg/L	MT
2	Gross alpha	59±8.0	pCi/L	MT
0	Gross alpha	1.2±0.75	pCi/L	EM
2	Nonvolatile beta	57±7.0	pCi/L	MT
0	Nonvolatile beta	2.3±1.1	pCi/L	EM
2	Total radium	6.8±0.90	pCi/L	MT
0	Tritium	4.7±0.50	pCi/mL	MT
0	Tritium	5.8±0.78	pCi/mL	EM

WELL FTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 12:10
Depth to water: 64.50 ft (19.66 m) below TOC pH: 12.4
Water elevation: 223.00 ft (67.97 m) msl
Sp. conductance: 4460 µS/cm Water temperature: 28.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	MT
0	Nitrate as nitrogen	280	µg/L	MT
1	Sodium	31,600	µg/L	MT
0	Gross alpha	<6.0	pCi/L	MT
0	Gross alpha	2.2±6.6	pCi/L	EM
2	Nonvolatile beta	68±20	pCi/L	MT
2	Nonvolatile beta	68±20	pCi/L	EM
1	Total radium	3.8±0.70	pCi/L	MT
0	Tritium	6.1±0.70	pCi/mL	MT
0	Tritium	6.9±0.82	pCi/mL	EM

WELL FTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 11:25
Depth to water: 68.50 ft (20.88 m) below TOC pH: 6.2
Water elevation: 218.30 ft (66.54 m) msl
Sp. conductance: 51 µS/cm Water temperature: 26.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
0	Nitrate as nitrogen	2,180	µg/L	MT
1	Sodium	5,060	µg/L	MT
2	Gross alpha	75±10	pCi/L	MT
0	Gross alpha	1.2±0.72	pCi/L	EM
2	Nonvolatile beta	110±20	pCi/L	MT
[illegible]	Nonvolatile beta	2.3±1.1	pCi/L	EM
	Total radium	9.0±1.0	pCi/L	MT
0	Tritium	8.1±0.90	pCi/mL	MT
0	Tritium	9.1±0.88	pCi/mL	EM

WELL FTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 Time: 11:45
Depth to water: 61.80 ft (18.84 m) below TOC pH: 5.8
Water elevation: 224.20 ft (68.34 m) msl
Sp. conductance: 52 µS/cm Water temperature: 26.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	2.5	pH	MT
0	Nitrate as nitrogen	2,540	µg/L	MT
0	Sodium	4,080	µg/L	MT
1	Gross alpha	13±4.0	pCi/L	MT
0	Gross alpha	4.3±1.4	pCi/L	EM
1	Nonvolatile beta	15±4.0	pCi/L	MT
0	Nonvolatile beta	3.0±1.2	pCi/L	EM
2	Total radium	5.3±0.80	pCi/L	MT
0	Tritium	6.8±0.70	pCi/mL	MT
0	Tritium	8.0±0.84	pCi/mL	EM

WELL FTF 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 10:30
Depth to water: 50.00 ft (15.24 m) below TOC pH: 7.2
Water elevation: 220.30 ft (67.15 m) msl
Sp. conductance: 123 µS/cm Water temperature: 28.1°C
No water was evacuated before sampling

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	Nitrate as nitrogen	2,180	µg/L	MT
1	Sodium	12,400	µg/L	MT
0	Antimony-125	<0.23	pCi/mL	EM
0	Cesium-134	<0.076	pCi/mL	EM
0	Cesium-137	<0.081	pCi/mL	EM
0	Chromium-51	<0.98	pCi/mL	EM
0	Cobalt-60	<0.059	pCi/mL	EM
2	Gross alpha	700±70	pCi/L	MT
2	Gross alpha	870±130	pCi/L	MT
0	Gross alpha	1.4±0.69	pCi/L	EM
0	Gross alpha	1.7±1.1	pCi/L	EM
0	Iodine-131	<0.33	pCi/mL	EM
0	Niobium-95	<0.089	pCi/mL	EM
2	Nonvolatile beta	680±100	pCi/L	MT
2	Nonvolatile beta	1,100±200	pCi/L	MT
2	Nonvolatile beta	62±8.3	pCi/L	EM
2	Nonvolatile beta	63±7.7	pCi/L	EM
0	Ruthenium-103	<0.090	pCi/mL	EM
0	Ruthenium-106	<0.70	pCi/mL	EM
2	Total radium	56±6.0	pCi/L	MT
1	Tritium	10±1.0	pCi/mL	MT
1	Tritium	12±0.97	pCi/mL	EM
0	Zirconium-95	<0.14	pCi/mL	EM

WELL FTF 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 10:59
Depth to water: 50.20 ft (15.30 m) below TOC pH: 7.0
Water elevation: 221.00 ft (67.36 m) msl
Sp. conductance: 105 µS/cm Water temperature: 30.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	MT
0	Nitrate as nitrogen	2,620	µg/L	MT
1	Sodium	9,610	µg/L	MT
0	Antimony-125	<0.20	pCi/mL	EM
0	Cerium-144	<0.53	pCi/mL	EM
0	Cesium-134	<0.070	pCi/mL	EM
0	Cesium-137	<0.073	pCi/mL	EM
0	Chromium-51	<1.0	pCi/mL	EM
0	Cobalt-60	<0.073	pCi/mL	EM
2	Gross alpha	530±100	pCi/L	MT
0	Gross alpha	0.86±0.68	pCi/L	EM
0	Iodine-131	<0.33	pCi/mL	EM
0	Niobium-95	<0.094	pCi/mL	EM
2	Nonvolatile beta	680±100	pCi/L	MT
0	Nonvolatile beta	8.0±1.7	pCi/L	EM
0	Ruthenium-103	<0.094	pCi/mL	EM
0	Ruthenium-106	<0.68	pCi/mL	EM
2	Total radium	75±8.0	pCi/L	MT
0	Tritium	6.4±0.70	pCi/mL	MT
0	Tritium	6.8±0.81	pCi/mL	EM
0	Zirconium-95	<0.13	pCi/mL	EM

WELL FTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 10:55
Depth to water: 50.20 ft (15.30 m) below TOC pH: 6.9
Water elevation: 220.70 ft (67.27 m) msl
Sp. conductance: 174 µS/cm Water temperature: 30.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	MT
1	Nitrate as nitrogen	8,480	µg/L	MT
1	Sodium	8,690	µg/L	MT
0	Antimony-125	<0.21	pCi/mL	EM
0	Cerium-144	<0.52	pCi/mL	EM
0	Cesium-134	<0.077	pCi/mL	EM
0	Cesium-137	<0.087	pCi/mL	EM
0	Chromium-51	<0.98	pCi/mL	EM
0	Cobalt-60	<0.083	pCi/mL	EM
2	Gross alpha	90±10	pCi/L	MT
1	Gross alpha	7.3±2.3	pCi/L	EM
0	Iodine-131	<0.33	pCi/mL	EM
0	Niobium-95	<0.097	pCi/mL	EM
2	Nonvolatile beta	200±20	pCi/L	MT
1	Nonvolatile beta	38±5.7	pCi/L	EM
0	Ruthenium-103	<0.094	pCi/mL	EM
0	Ruthenium-106	<0.77	pCi/mL	EM
2	Total radium	25±3.0	pCi/L	MT
1	Tritium	11±2.0	pCi/mL	MT
1	Tritium	14±0.99	pCi/mL	EM
0	Zirconium-95	<0.13	pCi/mL	EM

WELL FTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 10:40
Depth to water: 49.80 ft (15.18 m) below TOC pH: 7.6
Water elevation: 220.70 ft (67.27 m) msl
Sp. conductance: 115 µS/cm Water temperature: 29.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.0	pH	MT
0	Nitrate as nitrogen	1,860	µg/L	MT
1	Sodium	11,100	µg/L	MT
0	Antimony-125	<0.22	pCi/mL	EM
0	Cerium-144	<0.51	pCi/mL	EM
0	Cesium-134	<0.074	pCi/mL	EM
0	Cesium-137	<0.081	pCi/mL	EM
0	Chromium-51	<0.97	pCi/mL	EM
0	Cobalt-60	<0.074	pCi/mL	EM
2	Gross alpha	970±100	pCi/L	MT
0	Gross alpha	0.75±0.63	pCi/L	EM
0	Iodine-131	<0.31	pCi/mL	EM
0	Niobium-95	<0.091	pCi/mL	EM
2	Nonvolatile beta	890±100	pCi/L	MT
0	Nonvolatile beta	2.5±1.2	pCi/L	EM
0	Ruthenium-103	<0.094	pCi/mL	EM
0	Ruthenium-106	<0.63	pCi/mL	EM
2	Total radium	100±10	pCi/L	MT
0	Tritium	9.7±1.0	pCi/mL	MT
1	Tritium	14±1.0	pCi/mL	EM
0	Zirconium-95	<0.13	pCi/mL	EM

WELL GBW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/90 Time: 7:55
Depth to water: 71.02 ft (21.65 m) below TOC pH: 4.8
Water elevation: 262.58 ft (80.04 m) msl Alkalinity: 1 meq/L
Sp. conductance: 13 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

ANALYTICAL RESULTS

WELL H 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 13:55
Depth to water: 20.80 ft (6.34 m) below TOC pH: 5.1
Sp. conductance: 51 µS/cm Water temperature: 26.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.6±1.4	pCi/L	EM
1	Nonvolatile beta	10±2.5	pCi/L	EM
2	Tritium	5,200±50	pCi/mL	EM

WELL H 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 14:10
The well was dry.

WELL H 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 14:25
Depth to water: 17.50 ft (5.33 m) below TOC pH: 7.1
Water elevation: 224.00 ft (68.28 m) msl
Sp. conductance: 73 µS/cm Water temperature: 23.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Gross alpha	9.1±3.9	pCi/L	GE
2	Gross alpha	140±30	pCi/L	MT
2	Gross alpha	120±40	pCi/L	MT
0	Gross alpha	0.84±0.70	pCi/L	EM
0	Gross alpha	0.97±0.57	pCi/L	EM
0	Gross alpha	1.2±0.98	pCi/L	EM
2	Nonvolatile beta	319±10	pCi/L	GE
2	Nonvolatile beta	370±40	pCi/L	MT
2	Nonvolatile beta	310±50	pCi/L	MT
2	Nonvolatile beta	60±8.3	pCi/L	EM
2	Nonvolatile beta	60±8.3	pCi/L	EM
2	Nonvolatile beta	75±9.1	pCi/L	EM
2	Tritium	5,500±77	pCi/mL	GE
2	Tritium	950±100	pCi/mL	MT
2	Tritium	910±100	pCi/mL	MT
2	Tritium	1,140±7.6	pCi/mL	EM

WELL H 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 14:20
Depth to water: 1.00 ft (0.30 m) below TOC
Water elevation: 242.30 ft (73.85 m) msl
The well was dry

WELL H 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 14:45
Depth to water: 17.80 ft (5.43 m) below TOC pH: 7.5
Water elevation: 221.70 ft (67.57 m) msl
Sp. conductance: 91 µS/cm Water temperature: 23.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.44±0.58	pCi/L	EM
0	Nonvolatile beta	8.7±2.1	pCi/L	EM
0	Tritium	4.3±1.2	pCi/mL	EM

WELL H 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 15:00
The well was dry.

WELL HAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90 Time: 14:30
Depth to water: 31.09 ft (9.48 m) below TOC pH: 4.6
Water elevation: 287.31 ft (81.48 m) msl Alkalinity: 0 meq/L
Sp. conductance: 141 µS/cm Water temperature: 24.1°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
1	Specific conductance	124	µS/cm	GE
1	Specific conductance	126	µS/cm	GE
0	Turbidity	0.70	NTU	GE
0	Turbidity	0.70	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.1	µg/L	GE
0	Barium	4.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	120	µg/L	GE
0	Calcium	120	µg/L	GE
0	Chloride	5,300	µg/L	GE
0	Chloride	5,400	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	22	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	11	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	68	µg/L	GE
0	Magnesium	66	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Manganese	4.8	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	Nitrate as nitrogen	2,220	µg/L	GE
0	Nitrate as nitrogen	2,220	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	5,100	µg/L	GE
0	Silica	5,100	µg/L	GE
0	Silver	<2.0	µg/L	GE

WELL HAC 1 collected on 08/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
1	Sodium	22,000	µg/L	GE
1	Sodium	22,000	µg/L	GE
1	Sulfate	25,200	µg/L	GE
1	Sulfate	27,700	µg/L	GE
0	Total dissolved solids	72,000	µg/L	GE
0	Total dissolved solids	78,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.0±3.1	pCi/L	GE
0	Total radium	1.0±3.1	pCi/L	GE
2	Tritium	65±0.90	pCi/mL	GE
2	Tritium	67±0.90	pCi/mL	GE

WELL HAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90
Depth to water: 31.30 ft (9.54 m) below TOC
Water elevation: 268.80 ft (81.32 m) msl
Sp. conductance: 523 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.

Time: 16:15
pH: 5.0
Alkalinity: 2 meq/L
Water temperature: 26.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
1	Specific conductance	680	µS/cm	GE
0	Turbidity	33	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	580	µg/L	GE
0	Chloride	4,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
1	Iron	220	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	420	µg/L	GE
0	Manganese	17	µg/L	GE
2	Mercury	1.4	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	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	110,000	µg/L	GE
2	Sulfate	216,000	µg/L	GE
0	Total dissolved solids	372,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.8±2.6	pCi/L	GE
0	Nonvolatile beta	9.4±4.4	pCi/L	GE
0	Total radium	1.8±3.4	pCi/L	GE
2	Tritium	57±0.80	pCi/mL	GE

WELL HAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90
Depth to water: 30.67 ft (9.35 m) below TOC
Water elevation: 287.33 ft (81.48 m) msl
Sp. conductance: 202 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 16:35
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 25.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
1	Specific conductance	188	µS/cm	GE
0	Turbidity	5.2	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	240	µg/L	GE
0	Chloride	6,400	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	99	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	360	µg/L	GE
2	Manganese	81	µg/L	GE
1	Mercury	0.55	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	5,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	25,000	µg/L	GE
1	Sulfate	63,000	µg/L	GE
0	Total dissolved solids	113,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	3.2±2.4	pCi/L	GE
0	Nonvolatile beta	2.3±3.4	pCi/L	GE
0	Total radium	2.3±2.3	pCi/L	GE
2	Tritium	39±0.70	pCi/mL	GE

WELL HAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90
Depth to water: 29.35 ft (8.95 m) below TOC
Water elevation: 287.55 ft (81.55 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 50 gal

Time: 13:35
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 24.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	pH	4.2	pH	MT
0	pH	4.2	pH	MT
0	pH	4.2	pH	MT
0	pH	4.2	pH	MT
0	Specific conductance	41	µS/cm	GE
0	Specific conductance	36	µS/cm	MT
0	Specific conductance	36	µS/cm	MT
0	Specific conductance	36	µS/cm	MT
0	Specific conductance	36	µS/cm	MT
0	Turbidity	0.20	NTU	GE
0	Turbidity	0.32	NTU	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	12	µg/L	GE
0	Barium	14	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	140	µg/L	GE
0	Calcium	112	µg/L	MT
0	Chloride	3,200	µg/L	GE
0	Chloride	3,280	µg/L	MT

ANALYTICAL RESULTS

WELL HAC 4 collected on 08/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	11	µg/L	GE
0	Iron	26	µg/L	MT
0	Lead	10	µg/L	GE
0	Lead	10	µg/L	MT
0	Magnesium	270	µg/L	GE
0	Magnesium	358	µg/L	MT
1	Manganese	42	µg/L	GE
2	Manganese	53	µg/L	MT
1	Mercury	0.71	µg/L	GE
1	Mercury	0.57	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	2,030	µg/L	GE
0	Nitrate as nitrogen	2,190	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	4,900	µg/L	GE
0	Silica	6,160	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	4,100	µg/L	GE
0	Sodium	4,850	µg/L	MT
1	Sulfate	10,900	µg/L	GE
0	Sulfate	1,140	µg/L	MT
0	Total dissolved solids	25,000	µg/L	GE
0	Total dissolved solids	49,000	µg/L	MT
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	5.3	µg/L	MT
0	Total organic halogens	6.4	µg/L	MT
0	Total organic halogens	6.7	µg/L	MT
0	Total organic halogens	5.8	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	4.1±3.7	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total radium	2.6±2.3	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
2	Tritium	29±0.60	pCi/mL	GE
2	Tritium	22±3.0	pCi/mL	MT

WELL HAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90
Depth to water: 29.35 ft (8.95 m) below TOC
Water elevation: 287.55 ft (81.55 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 50 gal

Time: 13:35
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 24.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	pH	4.2	pH	MT
0	pH	4.2	pH	MT
0	pH	4.2	pH	MT
0	pH	4.2	pH	MT
0	Specific conductance	41	µS/cm	GE
0	Specific conductance	42	µS/cm	MT
0	Specific conductance	43	µS/cm	MT
0	Specific conductance	42	µS/cm	MT

WELL HAC 4 collected on 08/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Specific conductance	43	µS/cm	MT
0	Turbidity	0.50	NTU	GE
0	Turbidity	0.36	NTU	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	12	µg/L	GE
0	Barium	14	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	130	µg/L	GE
0	Calcium	102	µg/L	MT
0	Chloride	3,700	µg/L	GE
0	Chloride	3,330	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	13	µg/L	GE
0	Iron	17	µg/L	MT
0	Lead	9.0	µg/L	GE
0	Lead	9.8	µg/L	MT
0	Magnesium	280	µg/L	GE
0	Magnesium	362	µg/L	MT
1	Manganese	42	µg/L	GE
2	Manganese	55	µg/L	MT
1	Mercury	0.50	µg/L	GE
1	Mercury	0.49	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	1,980	µg/L	GE
0	Nitrate as nitrogen	2,150	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	5,300	µg/L	GE
0	Silica	6,170	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	4,100	µg/L	GE
0	Sodium	4,650	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,180	µg/L	MT
0	Total dissolved solids	35,000	µg/L	GE
0	Total dissolved solids	78,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	5.6	µg/L	MT
0	Total organic halogens	6.3	µg/L	MT
0	Total organic halogens	6.3	µg/L	MT
0	Total organic halogens	6.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	31	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	5.0±3.8	pCi/L	GE
0	Nonvolatile beta	5.0±3.0	pCi/L	MT
0	Total radium	1.6±2.1	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
2	Tritium	31±0.60	pCi/mL	GE
2	Tritium	22±3.0	pCi/mL	MT

WELL HAP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90 — Time: 11:35
Depth to water: 18.80 ft (5.73 m) below TOC — pH: 5.7
Water elevation: 270.30 ft (82.39 m) msl — Alkalinity: 74 meq/L
Sp. conductance: 203 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
1	Tritium	20±0.50	pCi/mL	GE

WELL HAP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90 — Time: 11:15
Depth to water: 20.05 ft (6.11 m) below TOC — pH: 4.6
Water elevation: 269.85 ft (82.25 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 55 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 83 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
1	Tritium	18±0.50	pCi/mL	GE

WELL HCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90 — Time: 15:40
Depth to water: 41.57 ft (12.67 m) below TOC — pH: 5.1
Water elevation: 269.43 ft (81.82 m) msl — Alkalinity: 6 meq/L
Sp. conductance: 48 µS/cm — Water temperature: 27.7°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Lead	16	µg/L	GE
0	Lead	15	µg/L	GE
0	Manganese	12	µg/L	GE
0	Manganese	13	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Tritium	65±0.80	pCi/mL	GE
2	Tritium	66±0.90	pCi/mL	GE

WELL HCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90 — Time: 15:10
Depth to water: 41.33 ft (12.60 m) below TOC — pH: 5.8
Water elevation: 269.47 ft (82.14 m) msl — Alkalinity: 23 meq/L
Sp. conductance: 197 µS/cm — Water temperature: 27.3°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Lead	10	µg/L	GE
0	Manganese	14	µg/L	GE

WELL HCA 2 collected on 08/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Tetrachloroethylene	3.0	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Tritium	58±0.80	pCi/mL	GE

WELL HCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90 — Time: 15:55
Depth to water: 41.92 ft (12.78 m) below TOC — pH: 5.7
Water elevation: 268.38 ft (81.80 m) msl — Alkalinity: 31 meq/L
Sp. conductance: 91 µS/cm — Water temperature: 25.7°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Lead	3.0	µg/L	GE
1	Manganese	43	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Tritium	88±1.0	pCi/mL	GE

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90 — Time: 15:25
Depth to water: 42.30 ft (12.89 m) below TOC — pH: 5.0
Water elevation: 268.40 ft (81.81 m) msl — Alkalinity: 5 meq/L
Sp. conductance: 42 µS/cm — Water temperature: 26.4°C
Water evacuated before sampling: 17 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Lead	120	µg/L	GE
1	Manganese	28	µg/L	GE
2	Tetrachloroethylene	38	µg/L	GE
2	Trichloroethylene	14	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Tritium	61±0.80	pCi/mL	GE

WELL HCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90 — Time: 12:30
Depth to water: 16.59 ft (5.06 m) below TOC — pH: 4.0
Water elevation: 282.71 ft (80.07 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 87 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 104 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT

ANALYTICAL RESULTS

WELL HCB 1 collected on 08/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 2.0	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Chromium	3.4	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iron	94	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Lead	10.0	µg/L	MT
2	Manganese	434	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Sulfate	16,300	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
0	Total radium	1.9 ± 0.40	pCi/L	MT
2	Tritium	20 ± 2.0	pCi/mL	MT

WELL HCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90
Depth to water: 12.68 ft (3.86 m) below TOC
Water elevation: 269.02 ft (82.00 m) msl
Sp. conductance: 1974 µS/cm
Water evacuated before sampling: 76 gal
Time: 13:25
pH: 2.3
Alkalinity: 0 meq/L
Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	2.7	pH	MT
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Arsenic	< 6.0	µg/L	MT
0	Arsenic	< 6.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT

WELL HCB 2 collected on 08/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
2	Cadmium	7.9	µg/L	MT
2	Chromium	56	µg/L	MT
0	Chrysene	< 10	µg/L	MT
2	Copper	652	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
1	Fluoride	830	µg/L	MT
1	Fluoride	1,890	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
2	Iron	7,320	µg/L	MT
0	Isophorone	< 10	µg/L	MT
2	Lead	108	µg/L	MT
2	Lead	111	µg/L	MT
2	Manganese	7,810	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
2	Selenium	8.0	µg/L	MT
2	Selenium	8.3	µg/L	MT
2	Sulfate	1.20E+06	µg/L	MT
2	Sulfate	1.21E+06	µg/L	MT
1	Total organic halogens	15	µg/L	MT
1	Total organic halogens	19	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
2	Gross alpha	55 ± 10	pCi/L	MT
2	Total radium	10 ± 1.0	pCi/L	MT
2	Tritium	32 ± 4.0	pCi/mL	MT

WELL HCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90
Depth to water: 9.08 ft (2.76 m) below TOC
Water elevation: 266.34 ft (81.18 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 65 gal

Time: 13:00
pH: 3.7
Alkalinity: 0 meq/L
Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	Copper	5.1	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iron	52	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Lead	16	µg/L	MT
0	Manganese	5.9	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	35±4.0	pCi/mL	MT

WELL HCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90
Depth to water: 13.66 ft (4.17 m) below TOC
Water elevation: 264.12 ft (80.50 m) msl
Sp. conductance: 137 µS/cm
Water evacuated before sampling: 73 gal

Time: 12:00
pH: 3.7
Alkalinity: 0 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.2	pH	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	Copper	3.1	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Fluoride	440	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iron	133	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Lead	8.2	µg/L	MT
2	Manganese	170	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Sulfate	38,200	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Total radium	1.6±0.30	pCi/L	MT
2	Tritium	22±3.0	pCi/mL	MT

ANALYTICAL RESULTS

WELL HET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90
Depth to water: 16.62 ft (5.07 m) below TOC
Water elevation: 265.58 ft (80.95 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 74 gal
Time: 10:50
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	11	µg/L	GE
0	Iron	12	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
2	Tritium	28±0.60	pCi/mL	GE
2	Tritium	28±0.60	pCi/mL	GE

WELL HET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90
Depth to water: 20.19 ft (6.15 m) below TOC
Water elevation: 256.71 ft (78.25 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.
Time: 9:40
pH: 5.4
Alkalinity: 2 meq/L
Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	110	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
2	Tritium	25±0.60	pCi/mL	GE

WELL HET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90
Depth to water: 20.40 ft (6.22 m) below TOC
Water elevation: 256.30 ft (78.12 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 9:25
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	91	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
2	Tritium	24±0.50	pCi/mL	GE

WELL HET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90
Depth to water: 19.67 ft (6.00 m) below TOC
Water elevation: 257.03 ft (78.34 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 9:10
pH: 5.0
Alkalinity: 1 meq/L
Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	120	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
2	Tritium	27±0.60	pCi/mL	GE

WELL HR3 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90
Depth to water: 12.39 ft (3.78 m) below TOC
Water elevation: 259.01 ft (78.95 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 152 gal
Time: 15:40
pH: 4.3
Alkalinity: 0 meq/L
Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Total organic halogens	15	µg/L	MT
0	Antimony-125	<0.051	pCi/mL	EM
0	Cerium-144	<0.13	pCi/mL	EM
0	Cesium-134	<0.020	pCi/mL	EM
0	Cesium-137	<0.021	pCi/mL	EM
0	Chromium-51	<0.18	pCi/mL	EM
0	Cobalt-60	<0.025	pCi/mL	EM
0	Gross alpha	0.85±0.62	pCi/L	EM
0	Iodine-131	<0.031	pCi/mL	EM
0	Niobium-95	<0.018	pCi/mL	EM
0	Nonvolatile beta	1.4±0.94	pCi/L	EM
0	Ruthenium-103	<0.020	pCi/mL	EM
0	Ruthenium-106	<0.17	pCi/mL	EM
1	Tritium	16±2.0	pCi/mL	MT
1	Tritium	18±1.0	pCi/mL	EM
0	Zirconium-95	<0.029	pCi/mL	EM

WELL HR3 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90
Depth to water: 20.92 ft (6.38 m) below TOC
Water elevation: 255.28 ft (77.81 m) msl
Sp. conductance: 103 µS/cm
Water evacuated before sampling: 130 gal
Time: 15:15
pH: 6.0
Alkalinity: 11 meq/L
Water temperature: 23.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	MT
0	Gross alpha	0.45±0.49	pCi/L	EM
0	Nonvolatile beta	3.5±1.3	pCi/L	EM
2	Tritium	31±4.0	pCi/mL	MT
2	Tritium	33±1.3	pCi/mL	EM

WELL HR8 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90
Depth to water: 13.91 ft (4.24 m) below TOC
Water elevation: 245.28 ft (74.77 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 97 gal
Time: 14:00
pH: 4.1
Alkalinity: 0 meq/L
Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	17	µg/L	MT
0	Manganese	1.0	µg/L	MT
0	Nitrate as nitrogen	620	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	2.4±1.0	pCi/L	EM
0	Nonvolatile beta	2.4±1.1	pCi/L	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	32±4.0	pCi/mL	MT
2	Tritium	37±1.4	pCi/mL	EM

WELL HR8 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 Time: 13:35
Depth to water: 18.77 ft (5.72 m) below TOC pH: 4.2
Water elevation: 238.73 ft (72.77 m) msl Alkalinity: 0 meq/L
Sp. conductance: 33 µS/cm Water temperature: 22.6°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	15	µg/L	MT
0	Manganese	1.4	µg/L	MT
0	Nitrate as nitrogen	1,270	µg/L	MT
0	Antimony-125	<0.054	pCi/mL	EM
0	Cerium-144	<0.14	pCi/mL	EM
0	Cesium-134	<0.018	pCi/mL	EM
0	Cesium-137	<0.019	pCi/mL	EM
0	Chromium-51	<0.18	pCi/mL	EM
0	Cobalt-60	<0.020	pCi/mL	EM
0	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	0.88±0.62	pCi/L	EM
0	Iodine-131	<0.043	pCi/mL	EM
0	Niobium-95	<0.020	pCi/mL	EM
0	Nonvolatile beta	8.6±2.0	pCi/L	EM
0	Ruthenium-103	<0.021	pCi/mL	EM
0	Ruthenium-106	<0.17	pCi/mL	EM
0	Total radium	1.2±0.20	pCi/L	MT
2	Tritium	26±3.0	pCi/mL	MT
2	Tritium	29±1.2	pCi/mL	EM
0	Zirconium-95	<0.037	pCi/mL	EM

WELL HR8 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 Time: 12:25
Depth to water: 15.80 ft (4.82 m) below TOC pH: 4.1
Water elevation: 237.30 ft (72.33 m) msl Alkalinity: 0 meq/L
Sp. conductance: 54 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 93 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Lead	24	µg/L	MT
0	Manganese	4.9	µg/L	MT
0	Nitrate as nitrogen	1,300	µg/L	MT
0	Antimony-125	<0.053	pCi/mL	EM
0	Cerium-144	<0.13	pCi/mL	EM
0	Cesium-134	<0.021	pCi/mL	EM
0	Cesium-137	<0.020	pCi/mL	EM
0	Chromium-51	<0.19	pCi/mL	EM
0	Cobalt-60	<0.022	pCi/mL	EM
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	3.6±1.3	pCi/L	EM
0	Iodine-131	<0.039	pCi/mL	EM
0	Niobium-95	<0.022	pCi/mL	EM
0	Nonvolatile beta	5.4±1.5	pCi/L	EM
0	Ruthenium-103	<0.020	pCi/mL	EM
0	Ruthenium-106	<0.16	pCi/mL	EM
0	Total radium	2.0±0.30	pCi/L	MT
2	Tritium	24±3.0	pCi/mL	MT
2	Tritium	27±1.2	pCi/mL	EM
0	Zirconium-95	<0.033	pCi/mL	EM

WELL HR8 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 Time: 13:10
Depth to water: 8.85 ft (2.70 m) below TOC pH: 4.2
Water elevation: 244.75 ft (74.60 m) msl Alkalinity: 0 meq/L
Sp. conductance: 251 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 110 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chlorobenzene	<5.0	µg/L	MT
0	Lead	15	µg/L	MT
2	Manganese	65	µg/L	MT

WELL HR8 14 collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Nitrate as nitrogen	25,500	µg/L	MT
2	Nitrate as nitrogen	25,300	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	Antimony-125	<0.054	pCi/mL	EM
0	Cerium-144	<0.13	pCi/mL	EM
0	Cesium-134	<0.021	pCi/mL	EM
0	Cesium-137	<0.022	pCi/mL	EM
0	Chromium-51	<0.18	pCi/mL	EM
0	Cobalt-60	<0.023	pCi/mL	EM
1	Gross alpha	10±3.0	pCi/L	MT
2	Gross alpha	17±3.8	pCi/L	EM
0	Iodine-131	<0.031	pCi/mL	EM
0	Niobium-95	<0.022	pCi/mL	EM
1	Nonvolatile beta	13±2.7	pCi/L	EM
0	Ruthenium-103	<0.021	pCi/mL	EM
0	Ruthenium-106	<0.18	pCi/mL	EM
2	Total radium	6.5±0.70	pCi/L	MT
0	Tritium	6.6±0.70	pCi/mL	MT
0	Tritium	4.9±0.69	pCi/mL	EM
0	Zirconium-95	<0.035	pCi/mL	EM

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 Time: 11:05
Depth to water: 40.72 ft (12.41 m) below TOC pH: 4.7
Water elevation: 231.28 ft (70.50 m) msl Alkalinity: 0 meq/L
Sp. conductance: 44 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.2	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<2.3	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.87	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.95	ng/L	MT
1	Octachlorodibenzo-p-dioxin isomers	18	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<3.5	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<6.7	ng/L	MT
0	pH	4.7	pH	MT
0	Specific conductance	44	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.2	ng/L	MT
0	Turbidity	0.52	NTU	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.5	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	763	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,350	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	89	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	18	µg/L	MT
0	Magnesium	808	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 65 collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
1	Phenols	5.3	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,480	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	4,560	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	31,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	28	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.30	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
1	Carbon-14	19±6.0	pCi/L	TE
0	Cerium-141	<8.0	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cobalt-58	<3.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
1	Curium-243/244	0.92±0.67	pCi/L	TE
1	Curium-246	0.45±0.39	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<0.70	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<40	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<7.0	pCi/L	TE
0	Manganese-54	<2.0	pCi/L	TE
0	Neptunium-237	<4.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	2.3±1.1	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
1	Plutonium-242	1.8±1.3	pCi/L	TE
1	Potassium-40	35±20	pCi/L	TE
0	Radium-226	<40	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<4.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Technetium-99	<9.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-228	0.41±0.28	pCi/L	TE
1	Thorium-230	0.71±0.45	pCi/L	TE
1	Thorium-232	0.50±0.31	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
2	Tritium	31±4.0	pCi/mL	MT
2	Tritium	34±2.0	pCi/mL	TE
1	Uranium-234	0.37±0.19	pCi/L	TE
0	Uranium-235	<0.040	pCi/L	TE
1	Uranium-238	0.95±0.30	pCi/L	TE
0	Zinc-65	<5.0	pCi/L	TE
0	Zirconium-95	<3.0	pCi/L	TE

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 — Time: 11:40
Depth to water: 104.03 ft (31.71 m) below TOC — pH: 7.4
Water elevation: 169.57 ft (51.69 m) msl — Alkalinity: 82 meq/L
Sp. conductance: 207 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 278 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.0	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.2	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<1.2	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.96	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.82	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<2.7	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<1.5	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.75	ng/L	MT
1	pH	7.1	pH	MT
1	Specific conductance	205	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<2.1	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.8	ng/L	MT
0	Turbidity	0.24	NTU	MT
0	Turbidity	0.27	NTU	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	46	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	35,400	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,590	µg/L	MT
0	Chloride	2,570	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	746	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	110	µg/L	MT
0	Nitrate as nitrogen	110	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
1	Phenols	9.8	µg/L	MT
0	Potassium	1,430	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	2,510	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,860	µg/L	MT
0	Sulfate	5,300	µg/L	MT
0	Sulfate	5,260	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	127,000	µg/L	MT
0	Total dissolved solids	122,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT

WELL HSB 65A collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total phosphates	17	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Americium-241	0.78±0.53	pCi/L	TE
1	Americium-243	0.38±0.36	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
1	Carbon-14	20±6.0	pCi/L	TE
0	Cerium-141	<7.0	pCi/L	TE
0	Cerium-144	<20	pCi/L	TE
0	Cesium-134	<3.0	pCi/L	TE
0	Cesium-137	<3.0	pCi/L	TE
0	Cobalt-58	<3.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.80	pCi/L	TE
1	Curium-246	1.3±0.60	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<1.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<50	pCi/L	TE
0	Iron-55	<30	pCi/L	TE
0	Iron-59	<8.0	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<5.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<9.0	pCi/L	TE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<40	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<4.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Technetium-99	<3.0	pCi/L	TE
0	Thorium-228	<4.0	pCi/L	TE
1	Thorium-228	0.49±0.36	pCi/L	TE
0	Thorium-230	<0.040	pCi/L	TE
0	Thorium-232	<0.040	pCi/L	TE
0	Total radium	1.0±0.30	pCi/L	MT
1	Tritium	16±2.0	pCi/mL	MT
1	Tritium	18±2.0	pCi/mL	TE
1	Uranium-234	0.34±0.20	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
1	Uranium-238	0.16±0.14	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<3.0	pCi/L	TE

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90
Depth to water: 50.33 ft (15.34 m) below TOC
Water elevation: 223.37 ft (68.08 m) msl
Sp. conductance: 204 µS/cm
Water evacuated before sampling: 260 gal

Time: 10:30
pH: 7.4
Alkalinity: 81 meq/L
Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.79	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.2	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<1.2	ng/L	MT

WELL HSB 65B collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Hexachlorodibenzo-p-furan isomers	<1.7	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<2.6	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<5.7	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
1	pH	7.8	pH	MT
1	Specific conductance	201	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.7	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.7	ng/L	MT
0	Turbidity	0.33	NTU	MT
0	Aluminum	61	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	16	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	35,900	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,620	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	780	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	2,030	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	468	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	15,900	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,810	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	101,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.40	pCi/L	TE
1	Americium-243	1.8±0.50	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Beryllium-7	<20	pCi/L	TE

ANALYTICAL RESULTS

WELL HSB 65B collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Carbon-14	19±6.0	pCi/L	TE
0	Cerium-141	<3.0	pCi/L	TE
0	Cerium-144	<8.0	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
0	Cesium-137	<1.0	pCi/L	TE
0	Cobalt-58	<2.0	pCi/L	TE
0	Cobalt-60	<1.0	pCi/L	TE
1	Curium-242	0.33±0.30	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
1	Curium-246	2.8±0.60	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<1.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<30	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<5.0	pCi/L	TE
0	Manganese-54	<2.0	pCi/L	TE
0	Neptunium-237	<3.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.080	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<0.70	pCi/L	TE
0	Ruthenium-103	<2.0	pCi/L	TE
0	Ruthenium-106	<10	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Technetium-99	<5.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-228	1.2±0.50	pCi/L	TE
1	Thorium-230	0.71±0.48	pCi/L	TE
0	Thorium-232	<0.20	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<2.0	pCi/mL	TE
1	Uranium-234	0.22±0.17	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
0	Uranium-238	<0.030	pCi/L	TE
0	Zinc-65	<3.0	pCi/L	TE
0	Zirconium-95	<2.0	pCi/L	TE

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90
Depth to water: 42.07 ft (12.82 m) below TOC
Water elevation: 231.53 ft (70.57 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 62 gal
Time: 10:10
pH: 4.8
Alkalinity: 0 meq/L
Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<3.8	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.97	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<3.5	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<1.8	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	pH	4.9	pH	MT
0	pH	4.9	pH	MT
0	Specific conductance	50	µS/cm	MT
0	Specific conductance	50	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.7	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<6.1	ng/L	MT
0	Turbidity	0.41	NTU	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.5	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT

WELL HSB 65C collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,300	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,510	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	650	µg/L	MT
0	Manganese	9.1	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	2,340	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,010	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	5,540	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	38,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	19	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.40	pCi/L	TE
0	Americium-243	<0.30	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Beryllium-7	<20	pCi/L	TE
1	Carbon-14	15±7.0	pCi/L	TE
0	Cerium-141	<4.0	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cobalt-58	<2.0	pCi/L	TE
0	Cobalt-60	<2.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.70	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<0.70	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<40	pCi/L	TE
0	Iron-55	<30	pCi/L	TE
0	Iron-59	<8.0	pCi/L	TE
0	Manganese-54	<2.0	pCi/L	TE
0	Neptunium-237	<3.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT

WELL HSB 65O collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<1.0	pCi/L	TE
0	Plutonium-238	<0.070	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<40	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-226	<2.0	pCi/L	TE
0	Ruthenium-103	<3.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Technetium-99	<20	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-228	0.79±0.66	pCi/L	TE
1	Thorium-230	0.93±0.86	pCi/L	TE
0	Thorium-232	<0.10	pCi/L	TE
0	Total radium	1.4±0.40	pCi/L	MT
2	Tritium	21±3.0	pCi/mL	MT
2	Tritium	25±2.0	pCi/mL	TE
0	Uranium-234	<0.90	pCi/L	TE
0	Uranium-235	<0.40	pCi/L	TE
0	Uranium-238	<0.30	pCi/L	TE
0	Zinc-65	<4.0	pCi/L	TE
0	Zirconium-95	<2.0	pCi/L	TE

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90
Depth to water: 55.23 ft (16.83 m) below TOC
Water elevation: 224.97 ft (68.57 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 70 gal

Time: 9:20
pH: 5.1
Alkalinity: 0 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.6	pH	GE
0	pH	5.0	pH	MT
0	Specific conductance	31	µS/cm	GE
0	Specific conductance	31	µS/cm	GE
0	Specific conductance	33	µS/cm	MT
0	Aluminum	36	µg/L	GE
0	Aluminum	31	µg/L	GE
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	3.6	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
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	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
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	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,000	µg/L	GE
0	Calcium	970	µg/L	GE
0	Calcium	1,010	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,200	µg/L	GE
0	Chloride	3,200	µg/L	GE
0	Chloride	4,100	µg/L	MT

WELL HSB 66 collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	<5.0	µg/L	MT
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	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
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	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
1	Copper	36	µg/L	GE
1	Copper	37	µg/L	GE
1	Copper	41	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
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	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	B 22	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	25	µg/L	GE
0	Iron	19	µg/L	GE
0	Iron	<21	µg/L	MT
0	Lead	4.0	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Lead	5.5	µg/L	MT
0	Magnesium	330	µg/L	GE
0	Magnesium	330	µg/L	GE
0	Magnesium	379	µg/L	MT
0	Manganese	5.5	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Manganese	6.9	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,830	µg/L	GE
0	Nitrate as nitrogen	1,830	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<418	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	6,500	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silica	8,100	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 66 collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sodium	3,600	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Sodium	4,190	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	34,000	µg/L	GE
0	*Total dissolved solids*	*31,000*	µg/L	GE
0	Total dissolved solids	19,000	µg/L	MT
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
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	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	110	µg/L	MT
0	Total phosphates	111	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
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	MT
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	MT
0	*Trichloroethylene*	*<1.0*	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Zinc	49	µg/L	GE
0	Zinc	49	µg/L	GE
0	Zinc	59	µg/L	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	<0.46	µg/L	MT
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)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	*Gross alpha*	*<4.0*	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
2	Tritium	36±0.60	pCi/mL	GE
2	Tritium	36±0.60	pCi/mL	GE
2	Tritium	25±3.0	pCi/mL	MT

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 Time: 9:20
Depth to water: 55.23 ft (16.83 m) below TOC pH: 5.1
Water elevation: 224.97 ft (68.57 m) msl Alkalinity: 0 meq/L
Sp. conductance: 37 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.0	pH	MT
0	Specific conductance	32	µS/cm	GE
0	Specific conductance	38	µS/cm	MT
0	Aluminum	31	µg/L	GE
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.1	µg/L	GE
0	*Barium*	*3.6*	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	*Bromoform*	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,000	µg/L	GE
0	Calcium	1,040	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,200	µg/L	GE
0	Chloride	4,140	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	*Chlorobenzene*	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	*Chloromethane (Methyl chloride)*	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
1	Copper	40	µg/L	GE
1	Copper	42	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	*Dichloromethane (Methylene chloride)*	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	*Fluoride*	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	16	µg/L	GE
0	Iron	<21	µg/L	MT
0	Lead	3.0	µg/L	GE
0	Lead	6.7	µg/L	MT
0	Magnesium	340	µg/L	GE
0	Magnesium	393	µg/L	MT
0	Manganese	5.7	µg/L	GE
0	Manganese	7.7	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	*Nickel*	<4.0	µg/L	GE

WELL HSB 66 collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,840	µg/L	GE
0	Nitrate as nitrogen	1,430	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<416	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	6,700	µg/L	GE
0	Silica	8,510	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Sodium	3,700	µg/L	GE
0	Sodium	4,380	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	36,000	µg/L	GE
0	Total dissolved solids	14,000	µg/L	MT
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	100	µg/L	GE
0	Total phosphates	81	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Zinc	50	µg/L	GE
0	Zinc	58	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
2	Tritium	37±0.60	pCi/mL	GE
2	Tritium	25±3.0	pCi/mL	MT

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 — Time: 8:50
Depth to water: 14.07 ft (4.29 m) below TOC — pH: 4.1
Water elevation: 223.73 ft (68.19 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 245 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 90 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.9	pH	MT
1	Specific conductance	372	µS/cm	MT
2	Aluminum	957	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	42	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,520	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,990	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	26	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	7.3	µg/L	MT
0	Magnesium	1,490	µg/L	MT
2	Manganese	117	µg/L	MT
2	Mercury	3.7	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	24,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	479	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,890	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	36,600	µg/L	MT
0	Sulfate	1,860	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	233,000	µg/L	MT
0	Total organic carbon	1,410	µg/L	MT
0	Total organic halogens	7.8	µg/L	MT
0	Total phosphates	28	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	13	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	15±4.0	pCi/L	MT
2	Nonvolatile beta	820±70	pCi/L	MT
0	Strontium-89	<10	pCi/L	TE
1	Strontium-90	110±10	pCi/L	TE
1	Total activity	9,820±20	pCi/mL	EM
2	Total radium	15±2.0	pCi/L	MT
2	Tritium	11,000±2,000	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/90 — Time: 11:40
Depth to water: 14.70 ft (4.48 m) below TOC — pH: 4.0
Water elevation: 223.10 ft (68.00 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 208 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 58 gal

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 14:35
The well was dry.

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 14:05
Depth to water: 79.24 ft (24.15 m) below TOC — pH: 6.5
Water elevation: 170.16 ft (51.87 m) msl — Alkalinity: 39 meq/L
Sp. conductance: 141 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 319 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.1	pH	MT
1	Specific conductance	155	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	29	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 25	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	23,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,520	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	525	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,190	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	23,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,860	µg/L	MT
0	Sulfate	5,980	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	95,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	184	µg/L	MT

WELL HSB 68A collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	4.8	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	9.6±3.3	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	46±5.0	pCi/mL	MT

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 14:50
Depth to water: 33.81 ft (10.31 m) below TOC — pH: 7.4
Water elevation: 216.19 ft (65.90 m) msl — Alkalinity: 97 meq/L
Sp. conductance: 242 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 240 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	MT
1	Specific conductance	279	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	16	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 120	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	44,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,680	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
1	Cyanide	10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	847	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	230	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	683	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	21,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,870	µg/L	MT
0	Sulfate	2,340	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	164,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT

WELL HSB 68B collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	228	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	11	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	4.7±3.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	20±2.0	pCi/mL	MT

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90
Depth to water: 33.02 ft (10.06 m) below TOC
Water elevation: 217.08 ft (66.17 m) msl
Sp. conductance: 107 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.

Time: 9:05
pH: 5.9
Alkalinity: 9 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
1	Specific conductance	106	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	16	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 1.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	4,580	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,270	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	127	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	819	µg/L	MT
0	Lead	14	µg/L	MT
0	Magnesium	1,050	µg/L	MT
2	Manganese	52	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	8,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,800	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	12,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT

WELL HSB 68C collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	54,000	µg/L	MT
0	Total organic carbon	2,130	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	199	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
1	Nonvolatile beta	12±4.0	pCi/L	MT
1	Total activity	1,190±7.4	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	1,000±100	pCi/mL	MT

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90
Depth to water: 18.66 ft (5.08 m) below TOC
Water elevation: 219.34 ft (66.86 m) msl
Sp. conductance: 305 µS/cm
Water evacuated before sampling: 53 gal

Time: 11:05
pH: 3.5
Alkalinity: 0 meq/L
Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.6	pH	MT
1	Specific conductance	251	µS/cm	MT
2	Aluminum	6,600	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	162	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	5,760	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,670	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	850	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	3.9	µg/L	MT
0	Magnesium	3,210	µg/L	MT
2	Manganese	794	µg/L	MT
0	Mercury	0.28	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	27	µg/L	MT
2	Nitrate as nitrogen	24,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,460	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	17,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	14,000	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 69 collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	1,370	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	131,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	12	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	87	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	17±4.0	pCi/L	MT
2	Nonvolatile beta	5,900±600	pCi/L	MT
1	Total activity	6,920±60	pCi/mL	EM
2	Total radium	19±2.0	pCi/L	MT
2	Tritium	4,400±500	pCi/mL	MT

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/90
Depth to water: 16.80 ft (5.12 m) below TOC
Water elevation: 219.20 ft (66.81 m) msl
Sp. conductance: 286 µS/cm
Water evacuated before sampling: 52 gal
Time: 10:15
pH: 3.6
Alkalinity: 0 meq/L
Water temperature: 20.3°C

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90
Depth to water: 66.02 ft (20.12 m) below TOC
Water elevation: 170.58 ft (51.99 m) msl
Sp. conductance: 174 µS/cm
Water evacuated before sampling: 242 gal
Time: 11:25
pH: 6.8
Alkalinity: 58 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.0	pH	MT
1	Specific conductance	199	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	29	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 69	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	30,400	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,470	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT

WELL HSB 69A collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	803	µg/L	MT
0	Manganese	20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
1	Phenols	5.4	µg/L	MT
0	Potassium	1,040	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	28,200	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,220	µg/L	MT
0	Sulfate	5,810	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	123,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	241	µg/L	MT
0	Total phosphates	254	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	12	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90
Depth to water: 19.99 ft (6.09 m) below TOC
Water elevation: 222.81 ft (67.91 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 44 gal
Time: 16:00
pH: 4.9
Alkalinity: 7 meq/L
Water temperature: 22.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	53	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	50	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	3,220	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,110	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
2	Copper	1,220	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT

WELL HSB 70 collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
2	Lead	71	µg/L	MT
0	Magnesium	1,260	µg/L	MT
0	Manganese	11	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	13	µg/L	MT
0	Nitrate as nitrogen	460	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	730	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,760	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,340	µg/L	MT
0	Sulfate	5,020	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	35,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	53	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	208	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	2.8±2.1	pCi/L	MT
0	Nonvolatile beta	9.1±2.8	pCi/L	MT
1	Total activity	605±5.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	530±60	pCi/mL	MT

WELL HSB 70C collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	245	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	16,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	6,000	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,890	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	22,400	µg/L	MT
0	Sulfate	3,620	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 1.0	µg/L	MT
0	Total dissolved solids	268,000	µg/L	MT
0	Total organic carbon	1,350	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<8.0	pCi/L	MT
2	Nonvolatile beta	80±8.0	pCi/L	MT
1	Total activity	2,260±10	pCi/mL	EM
0	Total radium	1.2±0.30	pCi/L	MT
2	Tritium	2,100±300	pCi/mL	MT

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 12:10
Depth to water: 21.37 ft (6.51 m) below TOC — pH: 10.8
Water elevation: 221.73 ft (67.58 m) msl — Alkalinity: 63 meq/L
Sp. conductance: 485 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 27 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	MT
1	Specific conductance	492	µS/cm	MT
1	Aluminum	313	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	114	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	34,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,290	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 — Time: 12:00
Depth to water: 20.48 ft (6.24 m) below TOC — pH: 4.9
Water elevation: 220.92 ft (67.34 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 49 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	57	µS/cm	MT
0	Specific conductance	58	µS/cm	MT
0	Aluminum	48	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	8.2	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	698	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,470	µg/L	MT
0	Chloride	3,480	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 71 collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	304	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
2	Lead	25	µg/L	MT
0	Magnesium	674	µg/L	MT
0	Manganese	3.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	4,470	µg/L	MT
1	Nitrate as nitrogen	4,590	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,810	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	8,520	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	37,000	µg/L	MT
0	Total organic carbon	1,050	µg/L	MT
0	Total organic carbon	1,120	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	11	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	78	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	8.7±3.5	pCi/L	MT
0	Nonvolatile beta	9.2±3.4	pCi/L	MT
1	Total activity	522±4.9	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	440±50	pCi/mL	MT

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 — Time: 11:35
Depth to water: 21.18 ft (6.46 m) below TOC — pH: 9.8
Water elevation: 220.42 ft (67.18 m) msl — Alkalinity: 30 meq/L
Sp. conductance: 812 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 20 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.8	pH	MT
1	Specific conductance	628	µS/cm	MT
1	Aluminum	159	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	122	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 7.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	21,600	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT

WELL HSB 71C collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloride	5,500	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 7.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,560	µg/L	MT
0	Manganese	7.9	µg/L	MT
0	Mercury	0.21	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	59,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	7,400	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,240	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	66,300	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	469,000	µg/L	MT
0	Total organic carbon	1,760	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	55	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
2	Nonvolatile beta	240±30	pCi/L	MT
1	Total activity	9,740±70	pCi/mL	EM
1	Total radium	4.8±0.50	pCi/L	MT
2	Tritium	8,400±900	pCi/mL	MT

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 14:35
Depth to water: 65.43 ft (19.94 m) below TOC — pH: 6.2
Water elevation: 171.87 ft (52.39 m) msl — Alkalinity: 74 meq/L
Sp. conductance: 181 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 260 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.5	pH	MT
1	Specific conductance	173	µS/cm	MT
0	Aluminum	65	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	29	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT

WELL HSB 83A collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<4.0	µg/L	MT
1	Calcium	31,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,590	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	880	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	852	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	26,100	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,690	µg/L	MT
0	Sulfate	5,830	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	138,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	98	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90
Depth to water: 15.08 ft (4.59 m) below TOC
Water elevation: 221.94 ft (67.65 m) msl
Sp. conductance: 119 µS/cm
Water evacuated before sampling: 262 gal

Time: 14:15
pH: 6.0
Alkalinity: 35 meq/L
Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	MT
1	Specific conductance	121	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	1.2	µg/L	MT
0	Barium	39	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT

WELL HSB 83B collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	17,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,630	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 6.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	507	µg/L	MT
0	Manganese	3.2	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	698	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,160	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,350	µg/L	MT
0	Sulfate	1,660	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	75,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	548	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.4	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	16±4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	5.4±0.60	pCi/mL	MT

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90
Depth to water: 13.37 ft (4.08 m) below TOC
Water elevation: 223.73 ft (68.19 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 173 gal

Time: 14:55
pH: 4.2
Alkalinity: 0 meq/L
Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	27	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Aluminum	48	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 83C collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Arsenic	<3.0	µg/L	MT
0	Barium	1.8	µg/L	MT
0	Barium	1.2	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,080	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,640	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	425	µg/L	MT
0	Manganese	4.9	µg/L	MT
0	Manganese	4.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	130	µg/L	MT
1	Phenols	8.6	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,800	µg/L	MT
1	Silica	13,400	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,640	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	18,000	µg/L	MT
0	Total dissolved solids	23,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	123	µg/L	MT
0	Total phosphates	124	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	8.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90
Depth to water: 11.26 ft (3.43 m) below TOC
Water elevation: 225.74 ft (68.81 m) msl
Sp. conductance: 93 µS/cm
Water evacuated before sampling: 70 gal

Time: 1540
pH: 4.8
Alkalinity: 0 meq/L
Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	pH	5.0	pH	MT
0	Specific conductance	87	µS/cm	MT
0	Specific conductance	88	µS/cm	MT
1	Aluminum	134	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	72	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 25	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	5,770	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,590	µg/L	MT
0	Chloride	1,580	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	8.1	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	33	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,670	µg/L	MT
2	Manganese	111	µg/L	MT
0	Mercury	0.21	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<2.5	µg/L	MT
1	Nitrate as nitrogen	6,920	µg/L	MT
1	Nitrate as nitrogen	6,920	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,640	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,550	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	7,950	µg/L	MT
0	Sulfate	5,810	µg/L	MT
0	Sulfate	5,810	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	54,000	µg/L	MT
0	Total dissolved solids	46,000	µg/L	MT
0	Total organic carbon	1,460	µg/L	MT
0	Total organic carbon	1,460	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	45	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	16	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT

WELL HSB 83D collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
1	Nonvolatile beta	20±4.0	pCi/L	MT
1	Total activity	1,470±8.2	pCi/mL	EM
0	Total radium	1.2±0.20	pCi/L	MT
2	Tritium	1,200±200	pCi/mL	MT
2	Tritium	1,200±200	pCi/mL	MT

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 Time: 13:40
Depth to water: 58.51 ft (17.83 m) below TOC pH: 6.2
Water elevation: 170.19 ft (51.87 m) msl Alkalinity: 26 meq/L
Sp. conductance: 106 µS/cm Water temperature: 23.3°C
Water evacuated before sampling: 275 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	MT
1	Specific conductance	111	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	32	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	15,900	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,500	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	694	µg/L	MT
1	Manganese	41	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
1	Phenols	6.0	µg/L	MT
0	Potassium	815	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	24,500	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,990	µg/L	MT
0	Sulfate	6,680	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	108,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	304	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT

WELL HSB 84A collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	3.9±2.1	pCi/L	MT
2	Nonvolatile beta	740±80	pCi/L	MT
1	Total activity	67±1.9	pCi/mL	EM
0	Total radium	1.8±0.30	pCi/L	MT
2	Tritium	60±6.0	pCi/mL	MT
2	Tritium	80±6.0	pCi/mL	MT

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 Time: 14:45
Depth to water: 18.87 ft (5.75 m) below TOC pH: 7.6
Water elevation: 210.03 ft (64.02 m) msl Alkalinity: 73 meq/L
Sp. conductance: 187 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 229 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.5	pH	MT
1	pH	7.6	pH	MT
1	Specific conductance	224	µS/cm	MT
1	Specific conductance	224	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	51	µg/L	MT
1	Barium	51	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	31,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,750	µg/L	MT
0	Chloride	2,770	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	589	µg/L	MT
0	Magnesium	583	µg/L	MT
0	Manganese	2.2	µg/L	MT
0	Manganese	2.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	280	µg/L	MT
0	Nitrate as nitrogen	280	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,450	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 84B collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	40,200	µg/L	MT
0	Silver	<0.80	µg/L	MT
0	Sodium	3,560	µg/L	MT
0	Sulfate	4,520	µg/L	MT
0	Sulfate	4,570	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	152,000	µg/L	MT
0	Total dissolved solids	158,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.5	µg/L	MT
0	Zinc	5.1	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	90±9.0	pCi/mL	MT

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 12:50
Depth to water: 16.01 ft (4.88 m) below TOC — pH: 7.1
Water elevation: 213.09 ft (64.95 m) msl — Alkalinity: 21 meq/L
Sp. conductance: 84 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.0	pH	MT
0	Specific conductance	78	µS/cm	MT
0	Aluminum	56	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	17	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	BJ 4.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	11,700	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,580	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	57	µg/L	MT

WELL HSB 84C collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	<2.0	µg/L	MT
0	Magnesium	720	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,460	µg/L	MT
1	Phenols	7.5	µg/L	MT
0	Potassium	1,840	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,700	µg/L	MT
0	Silver	0.70	µg/L	MT
0	Sodium	3,720	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	120,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	16	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	44	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.22	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total activity	297±3.7	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	270±30	pCi/mL	MT

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 13:55
Depth to water: 9.95 ft (3.03 m) below TOC — pH: 3.9
Water elevation: 218.85 ft (66.71 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 134 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.9	pH	MT
1	Specific conductance	129	µS/cm	MT
2	Aluminum	1,620	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	41	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	2,530	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,060	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT

WELL HSB 84D collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	717	µg/L	MT
2	Manganese	243	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	4.2	µg/L	MT
2	Nitrate as nitrogen	11,400	µg/L	MT
1	Phenols	10	µg/L	MT
0	Potassium	1,030	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,800	µg/L	MT
0	Silver	0.60	µg/L	MT
1	Sodium	10,100	µg/L	MT
0	Sulfate	2,130	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 1.0	µg/L	MT
0	Total dissolved solids	72,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	36	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	26±4.0	pCi/L	MT
2	Nonvolatile beta	3,200±400	pCi/L	MT
1	Total activity	1,790±8.9	pCi/mL	EM
2	Total radium	9.1±1.0	pCi/L	MT
2	Tritium	1,700±200	pCi/mL	MT

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 10:40
Depth to water: 127.16 ft (38.76 m) below TOC — pH: 6.8
Water elevation: 167.24 ft (50.98 m) msl — Alkalinity: 73 meq/L
Sp. conductance: 184 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 281 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.82	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.75	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<2.2	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<1.0	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
2	pH	11	pH	MT
1	Specific conductance	477	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<2.8	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.8	ng/L	MT
0	Turbidity	0.23	NTU	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	33	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	32,000	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT

WELL HSB 85A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,320	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	690	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	804	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
1	Phenols	6.4	µg/L	MT
0	Potassium	1,070	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	27,800	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,790	µg/L	MT
0	Sulfate	6,460	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	148,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	61	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	12	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.30	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
1	Carbon-14	22±6.0	pCi/L	TE
0	Cerium-141	<5.0	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cobalt-58	<3.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<1.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<70	pCi/L	TE
0	Iron-55	<30	pCi/L	TE
0	Iron-59	<7.0	pCi/L	TE
0	Manganese-54	<2.0	pCi/L	TE
0	Neptunium-237	<4.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	1.8±1.2	pCi/L	TE
0	Plutonium-238	<0.40	pCi/L	TE

ANALYTICAL RESULTS

WELL HSB 85A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Plutonium-239/240	<0.20	pCi/L	TE
1	Plutonium-242	0.18±0.16	pCi/L	TE
0	Potassium-40	<40	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<4.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Technetium-99	<5.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
0	Thorium-228	<0.50	pCi/L	TE
0	Thorium-230	<0.40	pCi/L	TE
0	Thorium-232	<0.30	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<2.0	pCi/mL	TE
0	Uranium-234	<0.040	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
0	Uranium-238	<0.030	pCi/L	TE
0	Zinc-65	<5.0	pCi/L	TE
0	Zirconium-95	<3.0	pCi/L	TE

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90
Depth to water: 62.37 ft (19.01 m) below TOC
Water elevation: 232.13 ft (70.75 m) msl
Sp. conductance: 498 µS/cm
Water evacuated before sampling: 47 gal
The well went dry during purging.

Time: 10:05
pH: 11.1
Alkalinity: 109 meq/L
Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.75	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.87	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.85	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.53	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.2	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.2	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<1.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	pH	4.6	pH	MT
0	Specific conductance	29	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<2.0	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	Turbidity	0.43	NTU	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	32	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	31,400	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,940	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	720	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,170	µg/L	MT

WELL HSB 85B collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	4.3	µg/L	MT
0	Nitrate as nitrogen	400	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,290	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	16,600	µg/L	MT
0	Silver	0.60	µg/L	MT
0	Sodium	4,750	µg/L	MT
0	Sulfate	4,520	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	159,000	µg/L	MT
0	Total organic carbon	1,010	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	5.2	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<70	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<50	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<6.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<7.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<1.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<6.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<9.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	2.8±1.3	pCi/L	TE
0	Plutonium-238	<0.40	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<60	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Technetium-99	<8.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<0.60	pCi/L	TE
0	Thorium-230	<0.20	pCi/L	TE
0	Thorium-232	<0.10	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.3±0.20	pCi/mL	MT
2	Tritium	170±10	pCi/mL	TE
0	Uranium-234	<0.040	pCi/L	TE
0	Uranium-235	<0.020	pCi/L	TE
0	Uranium-238	<0.020	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<9.0	pCi/L	TE

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 — Time: 11:00
Depth to water: 58.55 ft (17.24 m) below TOC — pH: 4.6
Water elevation: 237.55 ft (72.41 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 29 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 98 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.73	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.65	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<1.2	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.99	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<2.1	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<1.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.68	ng/L	MT
1	pH	7.5	pH	MT
1	Specific conductance	165	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.0	ng/L	MT
0	Turbidity	0.22	NTU	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.8	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	308	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,090	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	124	µg/L	MT
0	Manganese	2.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,610	µg/L	MT
0	p,p'-DDD	<0.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,730	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,480	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tin	<972	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	28,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT

WELL HSB 85C collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc	7.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.20	pCi/L	TE
1	Americium-243	0.42±0.24	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<20	pCi/L	TE
1	Carbon-14	16±6.0	pCi/L	TE
0	Cerium-141	<5.0	pCi/L	TE
0	Cerium-144	<9.0	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cobalt-58	<2.0	pCi/L	TE
0	Cobalt-60	<2.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
0	Curium-248	<0.30	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<0.60	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<40	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<6.0	pCi/L	TE
0	Manganese-54	<1.0	pCi/L	TE
0	Neptunium-237	<3.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	1.6±1.0	pCi/L	TE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
1	Radium-228	1.8±1.2	pCi/L	TE
0	Ruthenium-103	<3.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<2.0	pCi/L	TE
1	Strontium-90	1.8±0.90	pCi/L	TE
0	Technetium-99	<10	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
0	Thorium-228	<0.70	pCi/L	TE
0	Thorium-230	<0.30	pCi/L	TE
0	Thorium-232	<0.20	pCi/L	TE
0	Total radium	1.2±0.30	pCi/L	MT
0	Tritium	3.2±0.40	pCi/mL	MT
0	Tritium	2.4±1.4	pCi/mL	TE
0	Uranium-234	<0.050	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
0	Uranium-238	<0.020	pCi/L	TE
0	Zinc-65	<4.0	pCi/L	TE
0	Zirconium-95	<2.0	pCi/L	TE

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 9:30
Depth to water: 95.06 ft (28.97 m) below TOC — pH: 6.4
Water elevation: 187.34 ft (51.01 m) msl — Alkalinity: 42 meq/L
Sp. conductance: 132 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 271 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
1	Specific conductance	119	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	22	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 86A collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	19,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,530	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 28	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	651	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	839	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	26,600	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,520	µg/L	MT
1	Sulfate	10,100	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	93,000	µg/L	MT
0	Total organic carbon	1,490	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	264	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90
Depth to water: 41.42 ft (12.62 m) below TOC
Water elevation: 220.48 ft (67.20 m) msl
Sp. conductance: 216 µS/cm
Water evacuated before sampling: 277 gal

Time: 10:05
pH: 7.1
Alkalinity: 80 meq/L
Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
1	Specific conductance	197	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	39	µg/L	MT

WELL HSB 86B collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	38	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	37,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	5.4	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 24	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	773	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	3,140	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	441	µg/L	MT
0	Potassium	424	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	35,500	µg/L	MT
1	Silica	35,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,030	µg/L	MT
0	Sulfate	3,030	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	148,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	111	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.0±0.10	pCi/mL	MT

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 Time: 10:25
Depth to water: 40.17 ft (12.24 m) below TOC pH: 4.1
Water elevation: 222.73 ft (67.89 m) msl Alkalinity: 0 meq/L
Sp. conductance: 417 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 104 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
1	Specific conductance	428	µS/cm	MT
2	Aluminum	465	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	75	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
2	Cadmium	23	µg/L	MT
0	Calcium	7,870	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,310	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	105	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,520	µg/L	MT
2	Manganese	5,740	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	162	µg/L	MT
2	Nitrate as nitrogen	44,600	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,000	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	15,500	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	39,800	µg/L	MT
0	Sulfate	1,400	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	253,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	36	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	64	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	7.8±2.9	pCi/L	MT
2	Nonvolatile beta	260±30	pCi/L	MT
1	Total activity	16,400±90	pCi/mL	EM
2	Total radium	17±2.0	pCi/L	MT
2	Tritium	15,000±2,000	pCi/mL	MT

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 Time: 10:10
Depth to water: 40.20 ft (12.25 m) below TOC pH: 3.4
Water elevation: 222.60 ft (67.81 m) msl Alkalinity: 0 meq/L
Sp. conductance: 318 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.5	pH	MT
1	pH	3.5	pH	MT
1	Specific conductance	309	µS/cm	MT
1	Specific conductance	305	µS/cm	MT
2	Aluminum	7,990	µg/L	MT
1	Antimony	2.1	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	77	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	2,990	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,350	µg/L	MT
0	Chloride	1,320	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	15	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	650	µg/L	MT
1	Fluoride	660	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	788	µg/L	MT
2	Manganese	582	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	24,900	µg/L	MT
2	Nitrate as nitrogen	25,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	26,700	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	11,300	µg/L	MT
0	Sulfate	1,510	µg/L	MT
0	Sulfate	1,570	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	116,000	µg/L	MT
0	Total dissolved solids	102,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	185	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	102	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 86D collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	42±6.0	pCi/L	MT
2	Nonvolatile beta	1,500±200	pCi/L	MT
1	Total activity	3,170±40	pCi/mL	EM
2	Total radium	20±2.0	pCi/L	MT
2	Tritium	2,700±300	pCi/mL	MT

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90
Depth to water: 34.92 ft (10.64 m) below TOC
Water elevation: 225.28 ft (68.67 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 204 gal
Time: 9:00
pH: 5.4
Alkalinity: 4 meq/L
Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	40	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	1.8	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	3,230	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,620	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	7.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	413	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<418	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,900	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,860	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	31,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	497	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT

WELL HSB100C collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	2.1±0.30	pCi/mL	MT

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90
Depth to water: 28.03 ft (8.54 m) below TOC
Water elevation: 232.07 ft (70.74 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 58 gal
Time: 9:15
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	70	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	24	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,940	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,900	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	30	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	22	µg/L	MT
0	Lead	5.1	µg/L	MT
0	Magnesium	665	µg/L	MT
1	Manganese	40	µg/L	MT
0	Mercury	0.22	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	5.7	µg/L	MT
1	Nitrate as nitrogen	4,270	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<418	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,810	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	7,850	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	50,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	29	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	193	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT

WELL HSB100D collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	14±4.0	pCi/L	MT
1	Total activity	813±5.4	pCi/mL	EM
0	Total radium	1.6±0.40	pCi/L	MT
2	Tritium	530±60	pCi/mL	MT

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/90 — Time: 9:50
Depth to water: 28.98 ft (8.83 m) below TOC — pH: 5.0
Water elevation: 231.14 ft (70.45 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 60 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 54 gal

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 10:05
Depth to water: 34.37 ft (10.48 m) below TOC — pH: 5.6
Water elevation: 224.13 ft (68.32 m) msl — Alkalinity: 15 meq/L
Sp. conductance: 61 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 167 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	pH	5.6	pH	MT
0	Specific conductance	62	µS/cm	MT
0	Specific conductance	64	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	12	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	6,280	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,650	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	356	µg/L	MT
0	Manganese	3.8	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,060	µg/L	MT
0	Nitrate as nitrogen	1,080	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,560	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,100	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,620	µg/L	MT

WELL HSB101C collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	1,090	µg/L	MT
0	Sulfate	1,100	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	57,000	µg/L	MT
0	Total dissolved solids	59,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	390	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	4.1	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
1	Tritium	19±2.0	pCi/mL	MT

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 10:35
Depth to water: 29.29 ft (8.93 m) below TOC — pH: 6.8
Water elevation: 229.41 ft (69.93 m) msl — Alkalinity: 116 meq/L
Sp. conductance: 1015 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	6.6	pH	MT
2	pH	6.9	pH	MT
1	Specific conductance	988	µS/cm	MT
1	Specific conductance	990	µS/cm	MT
1	Aluminum	354	µg/L	MT
0	Antimony	<2.0	µg/L	MT
2	Arsenic	88	µg/L	MT
0	Barium	4.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	333	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,510	µg/L	MT
0	Chloride	2,520	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 6.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	300	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	387	µg/L	MT
2	Manganese	195	µg/L	MT
2	Manganese	183	µg/L	MT
2	Mercury	11	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT

ANALYTICAL RESULTS

WELL HSB101D collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Nitrate as nitrogen	87,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<418	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,980	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	216,000	µg/L	MT
0	Sulfate	6,780	µg/L	MT
0	Sulfate	7,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	590,000	µg/L	MT
0	Total dissolved solids	602,000	µg/L	MT
0	Total organic carbon	1,380	µg/L	MT
0	Total organic carbon	1,520	µg/L	MT
1	Total organic halogens	17	µg/L	MT
1	Total organic halogens	18	µg/L	MT
1	Total phosphates	2,710	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Vanadium	209	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
2	Nonvolatile beta	140±20	pCi/L	MT
2	Nonvolatile beta	160±20	pCi/L	MT
1	Total activity	19,000±30	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	16,000±2,000	pCi/mL	MT

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90
Depth to water: 35.34 ft (10.77 m) below TOC
Water elevation: 223.66 ft (68.17 m) msl
Sp. conductance: 185 µS/cm
Water evacuated before sampling: 164 gal
Time: 14:25
pH: 5.6
Alkalinity: 9 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
1	Specific conductance	180	µS/cm	MT
1	Aluminum	109	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	21	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 15	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	5,410	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,250	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	3.5	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT

WELL HSB102C collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	14	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,550	µg/L	MT
2	Manganese	94	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	7.5	µg/L	MT
2	Nitrate as nitrogen	15,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,580	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,190	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	21,300	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	145,000	µg/L	MT
0	Total dissolved solids	110,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	98	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	18	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<5.0	pCi/L	MT
1	Nonvolatile beta	14±4.0	pCi/L	MT
1	Total activity	244±3.4	pCi/mL	EM
0	Total radium	1.1±0.20	pCi/L	MT
2	Tritium	190±20	pCi/mL	MT

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90
Depth to water: 29.81 ft (9.09 m) below TOC
Water elevation: 228.79 ft (69.74 m) msl
Sp. conductance: 639 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.
Time: 14:40
pH: 3.4
Alkalinity: 0 meq/L
Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.7	pH	MT
1	Specific conductance	571	µS/cm	MT
2	Aluminum	17,700	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	118	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
1	Cadmium	2.7	µg/L	MT
0	Calcium	8,870	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,860	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
1	Copper	28	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT

WELL HSB102D collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	1,230	µg/L	MT
2	Lead	129	µg/L	MT
0	Magnesium	2,210	µg/L	MT
2	Manganese	2,180	µg/L	MT
2	Mercury	5.3	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	54	µg/L	MT
2	Nitrate as nitrogen	84,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,990	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,100	µg/L	GE
1	Silica	16,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	34,400	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	284,000	µg/L	MT
0	Total organic carbon	1,450	µg/L	MT
0	Total organic halogens	5.5	µg/L	MT
1	Total phosphates	519	µg/L	MT
1	Total silica	25,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	194	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/l	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	150±20	pCi/L	MT
2	Nonvolatile beta	15,000±2,000	pCi/l	MT
1	Total activity	30,900±120	pCi/mL	EM
2	Total radium	25±3.0	pCi/L	MT
2	Tritium	28,000±3,000	pCi/mL	MT

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 — Time: 8:55
Depth to water: 24.84 ft (7.57 m) below TOC — pH: 5.0
Water elevation: 222.56 ft (67.84 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 225 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 181 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	pH	4.9	pH	MT
1	Specific conductance	226	µS/cm	MT
1	Specific conductance	229	µS/cm	MT
1	Aluminum	205	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	66	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	6,550	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,700	µg/L	MT
0	Chloride	5,690	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT

WELL HSB103C collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<10	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 20	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	5,210	µg/L	MT
2	Manganese	457	µg/L	MT
2	Mercury	1.4	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	5.5	µg/L	MT
2	Nitrate as nitrogen	20,800	µg/L	MT
2	Nitrate as nitrogen	20,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,000	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,980	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	23,100	µg/L	MT
0	Sulfate	1,260	µg/L	MT
0	Sulfate	1,270	µg/L	MT
1	Tetrachloroethylene	J 1.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	167,000	µg/L	MT
0	Total dissolved solids	160,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	8.4	µg/L	MT
0	Total organic halogens	7.8	µg/L	MT
0	Total phosphates	61	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	J 4.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	24	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	27±4.0	pCi/L	MT
1	Nonvolatile beta	22±4.0	pCi/L	MT
1	Total activity	855±6.3	pCi/mL	EM
1	Total radium	2.6±0.40	pCi/L	MT
2	Tritium	760±60	pCi/mL	MT

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 — Time: 9:15
Depth to water: 22.64 ft (6.90 m) below TOC — pH: 4.2
Water elevation: 224.96 ft (68.57 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 303 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
1	Specific conductance	303	µS/cm	MT
2	Aluminum	697	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	27	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/l	MT

ANALYTICAL RESULTS

WELL HSB103D collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	792	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	5,390	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	32	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	1,590	µg/L	MT
2	Manganese	64	µg/L	MT
2	Mercury	2.3	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 3.4	µg/L	MT
2	Nitrate as nitrogen	27,800	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 416	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	6,160	µg/L	MT
0	Silver	< 0.80	µg/L	MT
1	Sodium	43,500	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
1	Toluene	J 1.0	µg/L	MT
0	Total dissolved solids	192,000	µg/L	MT
0	Total organic carbon	1,150	µg/L	MT
1	Total organic halogens	13	µg/L	MT
0	Total phosphates	27	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Zinc	5.7	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.070	µg/L	MT
0	2,4,5-TP (Silvex)	J 0.041	µg/L	MT
1	Gross alpha	5.0 ± 2.6	pCi/L	MT
2	Nonvolatile beta	290 ± 30	pCi/L	MT
1	Total activity	3,260 ± 40	pCi/mL	EM
2	Total radium	10 ± 1.0	pCi/L	MT
2	Tritium	3,000 ± 300	pCi/mL	MT

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 — Time: 14:00
Depth to water: 28.21 ft (8.60 m) below TOC — pH: 9.5
Water elevation: 219.69 ft (66.96 m) msl — Alkalinity: 50 meq/L
Sp. conductance: 183 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 162 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.3	pH	MT
0	Specific conductance	94	µS/cm	MT
2	Aluminum	471	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	42	µg/L	MT
0	Benzene	< 5.0	µg/L	MT

WELL HSB104C collected on 07/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
1	Calcium	13,600	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	3,660	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	883	µg/L	MT
0	Manganese	17	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 3.4	µg/L	MT
1	Nitrate as nitrogen	4,810	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
1	Potassium	9,280	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	11,900	µg/L	MT
0	Silver	< 0.80	µg/L	MT
1	Sodium	12,600	µg/L	MT
0	Sulfate	2,040	µg/L	MT
1	Tetrachloroethylene	J 3.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	122,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	82	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
1	Vanadium	3.4	µg/L	MT
0	Zinc	4.2	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
1	Nonvolatile beta	22 ± 5.0	pCi/L	MT
1	Total activity	423 ± 4.5	pCi/mL	EM
0	Total radium	1.1 ± 0.20	pCi/L	MT
2	Tritium	360 ± 40	pCi/mL	MT

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 — Time: 12:55
Depth to water: 23.49 ft (7.16 m) below TOC — pH: 3.7
Water elevation: 224.31 ft (68.37 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 352 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.7	pH	MT
1	pH	3.7	pH	MT
1	Specific conductance	453	µS/cm	MT
1	Specific conductance	457	µS/cm	MT

WELL HSB104D collected on 07/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Aluminum	8,030	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	77	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	3,330	µg/L	MT
0	Calcium	3,450	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,970	µg/L	MT
0	Chloride	1,870	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	15	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	290	µg/L	MT
0	Fluoride	280	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	66	µg/L	MT
0	Lead	3.9	µg/L	MT
0	Magnesium	1,580	µg/L	MT
2	Manganese	726	µg/L	MT
2	Mercury	13	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	11	µg/L	MT
2	Nitrate as nitrogen	30,500	µg/L	MT
2	Nitrate as nitrogen	30,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,010	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	18,100	µg/L	MT
1	Silica	14,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	27,800	µg/L	MT
1	Sodium	28,300	µg/L	MT
0	Sulfate	3,080	µg/L	MT
0	Sulfate	3,040	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	161,000	µg/L	MT
0	Total dissolved solids	166,000	µg/L	MT
0	Total organic carbon	1,060	µg/L	MT
0	Total organic halogens	8.4	µg/L	MT
0	Total phosphates	94	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	50	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	22±4.0	pCi/L	MT
2	Nonvolatile beta	3,400±400	pCi/L	MT
1	Total activity	11,500±70	pCi/mL	EM
2	Total radium	16±2.0	pCi/L	MT
2	Tritium	11,000±2,000	pCi/mL	MT

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 10:45
Depth to water: 30.65 ft (9.34 m) below TOC — pH: 6.2
Water elevation: 218.85 ft (66.71 m) msl — Alkalinity: 14 meq/L
Sp. conductance: 77 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 188 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	Specific conductance	75	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	5.9	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	7,620	µg/L	MT
0	Calcium	7,820	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,480	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 23	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	740	µg/L	MT
0	Magnesium	744	µg/L	MT
0	Manganese	3.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,520	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,220	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,770	µg/L	MT
0	Sodium	2,730	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	59,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	175	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	22	µg/L	MT
0	Zinc	31	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	5.8±3.5	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	84±9.0	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 — Time: 12:15
Depth to water: 24.84 ft (7.57 m) below TOC — pH: 3.7
Water elevation: 224.66 ft (68.48 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 474 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.8	pH	MT
1	Specific conductance	542	µS/cm	MT
2	Aluminum	8,600	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	110	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	5,760	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,490	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	21	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	630	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	163	µg/L	MT
0	Lead	3.9	µg/L	MT
0	Magnesium	2,010	µg/L	MT
2	Manganese	949	µg/L	MT
2	Mercury	8.8	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	18	µg/L	MT
2	Nitrate as nitrogen	43,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,660	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,230	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	42,100	µg/L	MT
0	Sulfate	2,030	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	225,000	µg/L	MT
0	Total organic carbon	1,870	µg/L	MT
1	Total organic halogens	11	µg/L	MT
0	Total phosphates	81	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	84	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	29±5.0	pCi/L	MT
2	Nonvolatile beta	8,500±700	pCi/L	MT
1	Total activity	16,500±90	pCi/mL	EM
2	Total radium	21±3.0	pCi/L	MT
2	Tritium	15,000±2,000	pCi/mL	MT

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 — Time: 11:30
Depth to water: 32.08 ft (9.77 m) below TOC — pH: 5.8
Water elevation: 220.84 ft (67.31 m) msl — Alkalinity: 10 meq/L
Sp. conductance: 111 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 178 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.6	pH	MT
1	Specific conductance	117	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	20	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	7,560	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,250	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,160	µg/L	MT
0	Manganese	9.4	µg/L	MT
0	Mercury	0.28	µg/L	MT
0	Mercury	0.35	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	6,480	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,150	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,900	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	8,250	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	6.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	98,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	5.5	µg/L	MT
0	Total phosphates	74	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	13	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<6.1±3.7	pCi/L	MT
1	Total activity	382±4.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	330±40	pCi/mL	MT

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 — Time: 11:10
Depth to water: 27.66 ft (8.43 m) below TOC — pH: 4.0
Water elevation: 225.24 ft (68.65 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 221 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 4 ' gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.9	pH	MT
1	Specific conductance	302	µS/cm	MT
2	Aluminum	729	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	44	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	2,600	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,930	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	17	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 17	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	92	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,420	µg/L	MT
2	Manganese	341	µg/L	MT
2	Mercury	3.8	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	11	µg/L	MT
2	Nitrate as nitrogen	18,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	444	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	33,100	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	174,000	µg/L	MT
0	Total organic carbon	1,440	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	90	µg/L	MT
0	Total phosphates	86	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	37	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	7.3±2.8	pCi/L	MT
2	Nonvolatile beta	930±100	pCi/L	MT
1	Total activity	7,880±60	pCi/mL	EM
2	Total radium	5.1±0.60	pCi/L	MT
2	Tritium	7,800±800	pCi/mL	MT
2	Tritium	7,800±800	pCi/mL	MT

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 — Time: 16:10
Depth to water: 43.04 ft (13.12 m) below TOC — pH: 6.6
Water elevation: 218.56 ft (66.62 m) msl — Alkalinity: 46 meq/L
Sp. conductance: 180 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 162 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.5	pH	MT
1	pH	6.5	pH	MT
1	Specific conductance	182	µS/cm	MT
1	Specific conductance	183	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	50	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	13,200	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,190	µg/L	MT
0	Chloride	3,210	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	456	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	858	µg/L	MT
2	Manganese	547	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	3.1	µg/L	MT
1	Nitrate as nitrogen	3,670	µg/L	MT
1	Nitrate as nitrogen	3,780	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	4,030	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,530	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	14,900	µg/L	MT
0	Sulfate	1,250	µg/L	MT
0	Sulfate	1,270	µg/L	MT
1	Tetrachloroethylene	J 4.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	101,000	µg/L	MT
0	Total dissolved solids	102,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	198	µg/L	MT
0	Total phosphates	198	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	12	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT

ANALYTICAL RESULTS

WELL HSB107C collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<4.0	pCi/L	MT
1	Nonvolatile beta	16±4.0	pCi/L	MT
1	Total activity	617±5.4	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	540±60	pCi/mL	MT

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90
Depth to water: 38.34 ft (11.69 m) below TOC
Water elevation: 223.98 ft (68.26 m) msl
Sp. conductance: 344 µS/cm
Water evacuated before sampling: 39 gal
Time: 15:15
pH: 4.3
Alkalinity: 0 meq/L
Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
1	Specific conductance	382	µS/cm	MT
2	Aluminum	809	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	84	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	4,240	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,080	µg/L	MT
0	Chloride	3,110	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,050	µg/L	MT
2	Manganese	333	µg/L	MT
2	Mercury	2.8	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	34,000	µg/L	MT
2	Nitrate as nitrogen	34,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,380	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,530	µg/L	GE
0	Silica	7,450	µg/L	GE
0	Silica	8,830	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	42,200	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	232,000	µg/L	MT
0	Total dissolved solids	240,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	5.6	µg/L	MT
0	Total phosphates	<10	µg/L	MT
1	Total silica	9,670	µg/L	GE
1	Total silica	10,500	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT

WELL HSB107D collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	38	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	11±3.0	pCi/L	MT
1	Gross alpha	14±4.0	pCi/L	MT
2	Nonvolatile beta	4,800±500	pCi/L	MT
2	Nonvolatile beta	5,500±600	pCi/L	MT
1	Total activity	8,570±60	pCi/mL	EM
2	Total radium	9.1±1.0	pCi/L	MT
2	Tritium	8,200±900	pCi/mL	MT

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90
Depth to water: 48.35 ft (14.74 m) below TOC
Water elevation: 217.85 ft (66.40 m) msl
Sp. conductance: 175 µS/cm
Water evacuated before sampling: 91 gal
Time: 11:40
pH: 6.5
Alkalinity: 58 meq/L
Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	MT
1	Specific conductance	159	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	9.8	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	29,900	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,950	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<270	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,980	µg/L	MT
0	Manganese	8.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	3,390	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	445	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,800	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,110	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	142,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	108	µg/L	MT

WELL HSB108C collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	13	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	8.9±3.7	pCi/L	MT
1	Total activity	372±4.2	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	320±40	pCi/mL	MT

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 13:15
Depth to water: 43.29 ft (13.19 m) below TOC — pH: 3.9
Water elevation: 223.01 ft (67.97 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 374 µS/cm — Water temperature: 23.5°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
1	Specific conductance	406	µS/cm	MT
2	Aluminum	1,670	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	143	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	7,260	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,940	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	49	µg/L	MT
0	Lead	2.0	µg/L	MT
0	Magnesium	3,360	µg/L	MT
2	Manganese	1,110	µg/L	MT
2	Mercury	8.6	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	28	µg/L	MT
2	Nitrate as nitrogen	38,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,010	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	45,600	µg/L	MT
0	Sulfate	2,960	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	211,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT

WELL HSB108D collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total organic halogens	10	µg/L	MT
0	Total phosphates	61	µg/L	MT
0	Total phosphates	61	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	66	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	11±3.0	pCi/L	MT
2	Nonvolatile beta	2,100±300	pCi/L	MT
1	Total activity	21,800±190	pCi/mL	EM
2	Total radium	13±2.0	pCi/L	MT
2	Tritium	19,000±2,000	pCi/mL	MT

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 14:55
Depth to water: 43.56 ft (13.28 m) below TOC — pH: 5.8
Water elevation: 218.04 ft (66.46 m) msl — Alkalinity: 12 meq/L
Sp. conductance: 57 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	65	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	9.8	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	5,350	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,680	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	7.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	333	µg/L	MT
0	Manganese	3.8	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,480	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	766	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,600	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	4,770	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB109C collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	45,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	371	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	7.5	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	71±8.0	pCi/mL	MT

WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 104 µS/cm
Water evacuated before sampling: 20 gal
Time: 15:15
pH: 4.1
Alkalinity: 0 meq/L
Water temperature: 23.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
1	Specific conductance	109	µS/cm	MT
2	Aluminum	967	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	175	µg/L	MT
1	Barium	166	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 8.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	3,360	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,970	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 20	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	5.9	µg/L	MT
0	Magnesium	1,760	µg/L	MT
2	Manganese	443	µg/L	MT
1	Mercury	0.79	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	13	µg/L	MT
1	Nitrate as nitrogen	8,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,450	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	5,090	µg/L	MT

WELL HSB109D collected on 07/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	67,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	10	µg/L	MT
0	Total phosphates	43	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	70	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	15±4.0	pCi/L	MT
1	Nonvolatile beta	25±4.0	pCi/L	MT
1	Total activity	2,560±40	pCi/mL	EM
2	Total radium	6.5±0.70	pCi/L	MT
2	Tritium	2,300±300	pCi/mL	MT

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90
Depth to water: 36.92 ft (11.25 m) below TOC
Water elevation: 218.78 ft (66.68 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 138 gal
Time: 10:40
pH: 5.1
Alkalinity: 0 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	Specific conductance	31	µS/cm	MT
0	Aluminum	45	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	8.7	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,350	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,630	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	26	µg/L	MT
0	Lead	3.3	µg/L	MT
0	Magnesium	349	µg/L	MT
0	Manganese	18	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	810	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,900	µg/L	MT

WELL HSB110C collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<0.60	µg/L	MT
0	Sodium	2,490	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	28,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	90	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	15	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	5.0±3.3	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	46±5.0	pCi/mL	MT

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90
Depth to water: 33.78 ft (10.30 m) below TOC
Water elevation: 221.82 ft (67.61 m) msl
Sp. conductance: 91 µS/cm
Water evacuated before sampling: 44 gal

Time: 9:35
pH: 3.8
Alkalinity: 0 meq/L
Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.0	pH	MT
0	Specific conductance	81	µS/cm	MT
2	Aluminum	1,790	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	13	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 63	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,190	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,750	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	4.1	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	16	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	194	µg/L	MT
2	Manganese	131	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	9.0	µg/L	MT
1	Nitrate as nitrogen	5,140	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT

WELL HSB110D collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Silica	17,000	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	4,450	µg/L	MT
0	Sulfate	4,080	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	28,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	55	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	27	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	2.7±1.8	pCi/L	MT
2	Nonvolatile beta	340±40	pCi/L	MT
1	Total activity	454±4.6	pCi/mL	EM
0	Total radium	1.4±0.20	pCi/L	MT
2	Tritium	390±40	pCi/mL	MT

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90
Depth to water: 36.31 ft (11.07 m) below TOC
Water elevation: 219.69 ft (66.96 m) msl
Sp. conductance: 248 µS/cm
Water evacuated before sampling: 221 gal

Time: 11:15
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	pH	4.7	pH	MT
1	Specific conductance	261	µS/cm	MT
1	Specific conductance	264	µS/cm	MT
1	Aluminum	294	µg/L	MT
1	Aluminum	276	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	25	µg/L	MT
0	Barium	29	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 22	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	14,200	µg/L	MT
1	Calcium	16,500	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,990	µg/L	MT
0	Chloride	4,000	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	2.7	µg/L	MT
0	Copper	2.7	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT

ANALYTICAL RESULTS

WELL HSB111C collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	32	µg/L	MT
0	Iron	54	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,820	µg/L	MT
0	Magnesium	4,320	µg/L	MT
1	Manganese	43	µg/L	MT
2	Manganese	52	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	9.3	µg/L	MT
2	Nitrate as nitrogen	23,400	µg/L	MT
2	Nitrate as nitrogen	23,400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	592	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,810	µg/L	MT
1	Silica	11,800	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	18,300	µg/L	MT
1	Sodium	19,500	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	211,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	114	µg/L	MT
0	Total phosphates	115	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	42	µg/L	MT
0	Zinc	48	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<6.0	pCi/L	MT
2	Nonvolatile beta	81±9.0	pCi/L	MT
1	Total activity	3,320±10	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	3,000±300	pCi/mL	MT

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 12:50
Depth to water: 34.34 ft (10.47 m) below TOC — pH: 4.7
Water elevation: 221.66 ft (67.56 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 562 µS/cm — Water temperature: 23.4°C
Water evacuated before sampling: 199 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
1	Specific conductance	572	µS/cm	MT
1	Aluminum	321	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	81	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 39	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	7,330	µg/L	MT

WELL HSB111D collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,120	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	8.2	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,510	µg/L	MT
2	Manganese	77	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	8.7	µg/L	MT
2	Nitrate as nitrogen	59,400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	557	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,600	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	104,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	436,000	µg/L	MT
0	Total organic carbon	1,430	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	37	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	22	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	5.8±2.6	pCi/L	MT
2	Nonvolatile beta	180±20	pCi/L	MT
1	Total activity	14,600±80	pCi/mL	EM
1	Total radium	4.8±0.50	pCi/L	MT
2	Tritium	13,000±2,000	pCi/mL	MT

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 11:35
Depth to water: 34.16 ft (10.41 m) below TOC — pH: 3.7
Water elevation: 221.74 ft (67.59 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 164 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
1	Specific conductance	101	µS/cm	MT
2	Aluminum	1,090	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	12	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 57	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT

WELL HSB111E collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	987	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,380	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	2.4	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	5.6	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	370	µg/L	MT
2	Manganese	81	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	2.9	µg/L	MT
1	Nitrate as nitrogen	7,060	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	510	µg/L	MT
0	Selenium	<3.0	µg/l	MT
0	Silica	8,400	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	8,640	µg/L	MT
0	Sulfate	2,220	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	45,000	µg/L	MT
0	Total organic carbon	1,460	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	108	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	19	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	6.3±2.4	pCi/L	MT
1	Gross alpha	5.8±2.4	pCi/L	MT
2	Nonvolatile beta	1,400±200	pCi/L	MT
2	Nonvolatile beta	1,400±200	pCi/L	MT
1	Total activity	1,740±30	pCi/mL	EM
1	Total radium	3.5±0.40	pCi/L	MT
2	Tritium	1,600±200	pCi/mL	MT

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90
Depth to water: 34.03 ft (10.37 m) below TOC
Water elevation: 220.87 ft (67.32 m) msl
Sp conductance: 221 µS/cm
Water evacuated before sampling: 236 gal
Time: 13:35
pH: 6.0
Alkalinity: 14 meq/L
Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
1	Specific conductance	193	µS/cm	MT
0	Aluminum	73	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT

WELL HSB112C collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Arsenic	<3.0	µg/L	MT
0	Barium	39	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	BJ 9.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	13,200	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,420	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	3.3	µg/L	MT
0	Magnesium	3,750	µg/L	MT
1	Manganese	40	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	6.1	µg/L	MT
0	Nickel	3.8	µg/L	MT
2	Nitrate as nitrogen	18,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	750	µg/L	MT
0	Potassium	635	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	16,200	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	228,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	381	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	34	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<5.0	pCi/L	MT
2	Nonvolatile beta	77±8.0	pCi/L	MT
1	Total activity	3,140±10	pCi/mL	EM
0	Total radium	1.5±0.20	pCi/L	MT
0	Total radium	1.3±0.30	pCi/L	MT
2	Tritium	2,800±300	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 13:20
Depth to water: 32.73 ft (9.98 m) below TOC pH: 4.7
Water elevation: 222.37 ft (67.78 m) msl Alkalinity: 0 meq/L
Sp. conductance: 484 µS/cm Water temperature: 24.0°C
Water evacuated before sampling: 104 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
1	Specific conductance	500	µS/cm	MT
1	Aluminum	221	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	25	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 24	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
1	Cadmium	2.2	µg/L	MT
0	Calcium	2,090	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,930	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<2.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	11	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,540	µg/L	MT
2	Manganese	304	µg/L	MT
0	Mercury	0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	13	µg/L	MT
2	Nitrate as nitrogen	49,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	982	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,000	µg/L	GE
0	Silica	8,530	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	73,300	µg/L	MT
0	Sulfate	7,150	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	282,000	µg/L	MT
0	Total dissolved solids	299,000	µg/L	MT
0	Total organic carbon	1,450	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	75	µg/L	MT
1	Total silica	8,800	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	15	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	4.2±2.3	pCi/L	MT
2	Nonvolatile beta	150±20	pCi/L	MT
1	Total activity	17,700±90	pCi/mL	EM
1	Total radium	4.6±0.50	pCi/L	MT

WELL HSB112D collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Tritium	16,000±2,000	pCi/mL	MT

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 Time: 11:50
Depth to water: 32.77 ft (9.99 m) below TOC pH: 4.7
Water elevation: 222.33 ft (67.77 m) msl Alkalinity: 0 meq/L
Sp. conductance: 460 µS/cm Water temperature: 24.4°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
1	Specific conductance	481	µS/cm	MT
1	Aluminum	204	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	154	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
2	Cadmium	5.7	µg/L	MT
0	Calcium	8,360	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,570	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	3.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	43	µg/L	MT
0	Copper	4.8	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	85	µg/L	MT
2	Lead	74	µg/L	MT
0	Magnesium	3,470	µg/L	MT
2	Manganese	1,540	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	84	µg/L	MT
0	Potassium	3,370	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,300	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	56,600	µg/L	MT
0	Sulfate	1,850	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	323,000	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	114	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	6.8±3.0	pCi/L	MT
1	Nonvolatile beta	14±4.0	pCi/L	MT
2	Nonvolatile beta	660±70	pCi/L	MT
1	Total activity	15,300±80	pCi/mL	EM
2	Total radium	8.4±0.90	pCi/L	MT
2	Tritium	13,000±2,000	pCi/mL	MT

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 Time: 14:20
Depth to water: 39.92 ft (12.17 m) below TOC pH: 5.0
Water elevation: 221.08 ft (67.39 m) msl Alkalinity: 0 meq/L
Sp. conductance: 134 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 197 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
1	Specific conductance	126	µS/cm	MT
1	Aluminum	116	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	34	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	7,570	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,510	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 20	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,460	µg/L	MT
2	Manganese	61	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	3.6	µg/L	MT
2	Nitrate as nitrogen	10,600	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	713	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,540	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	9,310	µg/L	MT
0	Sulfate	1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	104,000	µg/L	MT
0	Total organic carbon	1,060	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	15	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	20	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	43±5.0	pCi/L	MT
1	Total activity	1,330±7.8	pCi/mL	EM
0	Total radium	1.0±0.30	pCi/L	MT
2	Tritium	1,200±200	pCi/mL	MT

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 Time: 14:00
Depth to water: 38.68 ft (11.79 m) below TOC pH: 3.4
Water elevation: 222.22 ft (67.73 m) msl Alkalinity: 0 meq/L
Sp. conductance: 447 µS/cm Water temperature: 23.7°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.8	pH	MT
1	Specific conductance	458	µS/cm	MT
2	Aluminum	11,800	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	78	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	6,210	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,030	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	16	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	500	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	76	µg/L	MT
0	Lead	7.1	µg/L	MT
0	Magnesium	904	µg/L	MT
2	Manganese	312	µg/L	MT
0	Mercury	0.22	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	18	µg/L	MT
2	Nitrate as nitrogen	42,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	32,700	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	21,700	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	192,000	µg/L	MT
0	Total organic carbon	1,310	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	135	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	41±6.0	pCi/L	MT
2	Nonvolatile beta	1,400±200	pCi/L	MT
1	Total activity	12,100±70	pCi/mL	EM
2	Total radium	20±2.0	pCi/L	MT
2	Tritium	11,000±2,000	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 — Time: 11:50
Depth to water: 41.11 ft (12.53 m) below TOC — pH: 4.2
Water elevation: 222.69 ft (67.88 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 531 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 113 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
1	Specific conductance	518	µS/cm	MT
2	Aluminum	483	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	67	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	10,200	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,330	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	5,170	µg/L	MT
2	Manganese	204	µg/L	MT
0	Mercury	0.35	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	60,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,650	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	73,500	µg/L	MT
0	Sulfate	6,020	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	404,000	µg/L	MT
0	Total organic carbon	1,180	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	16	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	37	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	6.8±3.0	pCi/L	MT
0	Gross alpha	3.3±2.3	pCi/L	MT
2	Nonvolatile beta	160±20	pCi/L	MT
2	Nonvolatile beta	160±20	pCi/L	MT
1	Total activity	13,100±80	pCi/mL	EM
2	Total radium	10±1.0	pCi/L	MT
2	Tritium	12,000±2,000	pCi/mL	MT

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 — Time: 13:05
Depth to water: Not available — pH: 3.8
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 368 µS/cm — Water temperature: 25.2°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.7	pH	MT
1	Specific conductance	387	µS/cm	MT
2	Aluminum	5,500	µg/L	MT
2	Aluminum	5,480	µg/L	MT
1	Antimony	2.1	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	56	µg/L	MT
1	Barium	56	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	2,980	µg/L	MT
0	Calcium	2,950	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,890	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Cobalt	< 13	µg/L	MT
1	Copper	44	µg/L	MT
1	Copper	44	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 17	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	530	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	86	µg/L	MT
0	Iron	87	µg/L	MT
1	Lead	23	µg/L	MT
1	Lead	22	µg/L	MT
0	Magnesium	784	µg/L	MT
0	Magnesium	783	µg/L	MT
2	Manganese	208	µg/L	MT
2	Manganese	208	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	36,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	21,100	µg/L	MT
1	Silica	21,200	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	32,100	µg/L	MT
1	Sodium	32,000	µg/L	MT
0	Sulfate	2,430	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	164,000	µg/L	MT
0	Total organic carbon	1,410	µg/L	MT
2	Total organic halogens	28	µg/L	MT
0	Total phosphates	10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT

WELL HSB114D collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Vanadium	<3.0	µg/L	MT
0	Zinc	109	µg/L	MT
0	Zinc	107	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	36±6.0	pCi/L	MT
2	Nonvolatile beta	1,300±200	pCi/L	MT
1	Total activity	10,100±70	pCi/mL	EM
2	Total radium	23±3.0	pCi/L	MT
2	Tritium	9,300±1,000	pCi/mL	MT

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90 — Time: 15:10
Depth to water: 46.08 ft (14.04 m) below TOC — pH: 9.6
Water elevation: 223.24 ft (68.04 m) msl — Alkalinity: 3.3 meq/L
Sp. conductance: 475 µS/cm — Water temperature: 24.3°C
Water evacuated before sampling: 119 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.2	pH	MT
1	Specific conductance	527	µS/cm	MT
1	Aluminum	368	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	13	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	23,700	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,920	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	950	µg/L	MT
0	Manganese	8.4	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	51,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,940	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	67,400	µg/L	MT
0	Sulfate	7,180	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 1.0	µg/L	MT
0	Total dissolved solids	379,000	µg/L	MT
0	Total organic carbon	1,080	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	154	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT

WELL HSB115C collected on 07/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
2	Nonvolatile beta	120±20	pCi/L	MT
1	Total activity	17,000±90	pCi/mL	EM
0	Total radium	1.2±0.30	pCi/L	MT
2	Tritium	16,000±2,000	pCi/mL	MT

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 9:30
Depth to water: 45.85 ft (13.91 m) below TOC — pH: 9.0
Water elevation: 223.45 ft (68.11 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 288 µS/cm — Water temperature: 23.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.1	pH	MT
1	Specific conductance	291	µS/cm	MT
1	Aluminum	225	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	128	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	490	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	20,000	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,570	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	30	µg/L	MT
0	Copper	14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	390	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	121	µg/L	MT
1	Lead	21	µg/L	MT
0	Magnesium	1,710	µg/L	MT
2	Manganese	870	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	85	µg/L	MT
2	Nitrate as nitrogen	26,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,110	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	21,400	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	21,700	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	276,000	µg/L	MT
0	Total organic carbon	1,630	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB1190 collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total phosphates	< 10	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Zinc	212	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.13	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
1	Gross alpha	8.7 ± 3.3	pCi/L	MT
2	Nonvolatile beta	920 ± 190	pCi/L	MT
1	Total activity	5,510 ± 50	pCi/mL	EM
2	Total radium	9.6 ± 1.0	pCi/L	MT
2	Tritium	5,200 ± 600	pCi/mL	MT

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 10:20
Depth to water: 33.73 ft (10.28 m) below TOC — pH: 5.2
Water elevation: 223.77 ft (68.21 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 439 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 133 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	pH	5.2	pH	MT
1	Specific conductance	445	µS/cm	MT
1	Specific conductance	444	µS/cm	MT
1	Aluminum	97	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
1	Barium	88	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	3,020	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	1,250	µg/L	MT
0	Chloride	1,270	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
1	Cobalt	54	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	1,290	µg/L	MT
2	Manganese	713	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
1	Nickel	8.4	µg/L	MT
2	Nitrate as nitrogen	44,800	µg/L	MT
2	Nitrate as nitrogen	43,000	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	1,470	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	7,000	µg/L	GE
0	Silica	7,980	µg/L	MT

WELL HSB116C collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	< 0.60	µg/L	MT
1	Sodium	67,200	µg/L	MT
0	Sulfate	5,570	µg/L	MT
0	Sulfate	5,980	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	289,000	µg/L	MT
0	Total dissolved solids	307,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	48	µg/L	MT
1	Total silica	7,570	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Tributyl phosphate	< 10	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Zinc	11	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.35	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
1	Gross alpha	9.3 ± 3.3	pCi/L	MT
2	Nonvolatile beta	110 ± 20	pCi/L	MT
1	Total activity	19,300 ± 90	pCi/mL	EM
1	Total radium	4.8 ± 0.50	pCi/L	MT
2	Tritium	18,000 ± 2,000	pCi/mL	MT
2	Tritium	18,000 ± 2,000	pCi/mL	MT

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/90 — Time: 11:35
Depth to water: 32.20 ft (9.84 m) below TOC — pH: 4.0
Water elevation: 224.51 ft (68.43 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 343 µS/cm — Water temperature: 23.9°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	4.0	pH	MT
1	Specific conductance	290	µS/cm	MT
2	Aluminum	3,580	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
1	Barium	169	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	5,200	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	1,950	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 2.0	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	390	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	72	µg/L	MT
2	Lead	28	µg/L	MT
0	Magnesium	1,520	µg/L	MT
2	Manganese	458	µg/L	MT

WELL HSB116D collected on 07/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	19	µg/L	MT
2	Nitrate as nitrogen	33,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,430	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	15,800	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	32,800	µg/l	MT
0	Sulfate	1,100	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/l	MT
0	Total dissolved solids	206,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	44	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	96	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.23	µg/L	MT
0	2,4,5-TP (Silvex)	J 0.040	µg/L	MT
2	Gross alpha	51 ± 7.0	pCi/L	MT
2	Nonvolatile beta	8,500 ± 700	pCi/L	MT
1	Total activity	15,700 ± 60	pCi/mL	EM
2	Total radium	40 ± 4.0	pCi/L	MT
2	Tritium	15,000 ± 2,000	pCi/mL	MT

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/90 — Time: 11:15
Depth to water: 31.15 ft (9.49 m) below TOC — pH: 4.0
Water elevation: 225.65 ft (68.78 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 342 µS/cm — Water temperature: 24.6°C
Water evacuated before sampling: 44 gal

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 — Time: 12:55
Depth to water: 71.35 ft (21.75 m) below TOC — pH: 6.6
Water elevation: 184.95 ft (56.28 m) msl — Alkalinity: 47 meq/L
Sp. conductance: 147 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 225 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	MT
1	Specific conductance	145	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	34	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	23,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,440	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT

WELL HSB117A collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 8.0	µg/L	MT
0	Endrin	<0.0000	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	911	µg/L	MT
2	Manganese	186	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,580	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	26,500	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,970	µg/L	MT
0	Sulfate	6,770	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 1.0	µg/L	MT
0	Total dissolved solids	104,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	99	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 — Time: 12:40
Depth to water: 17.78 ft (5.42 m) below TOC — pH: 4.8
Water elevation: 218.52 ft (66.61 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 583 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 157 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
1	Specific conductance	556	µS/cm	MT
2	Aluminum	452	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	80	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 8.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	10,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,140	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB117C collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
1	Chromium	5.5	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 8.0	µg/L	MT
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Lead	< 2.0	µg/L	MT
1	Magnesium	5,780	µg/L	MT
2	Manganese	126	µg/L	MT
0	Mercury	0.35	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	4.2	µg/L	MT
2	Nitrate as nitrogen	62,500	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	562	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	8,180	µg/L	MT
0	Silver	< 0.60	µg/L	MT
1	Sodium	83,300	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	377,000	µg/L	MT
0	Total organic carbon	1,020	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	20	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Zinc	19	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
1	Gross alpha	5.5 ± 3.0	pCi/L	MT
2	Nonvolatile beta	200 ± 20	pCi/L	MT
1	Total activity	12,300 ± 80	pCi/mL	EM
2	Total radium	7.1 ± 0.80	pCi/L	MT
2	Tritium	10,000 ± 1,000	pCi/mL	MT

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 — Time: 13:15
Depth to water: 16.47 ft (5.02 m) below TOC — pH: 4.7
Water elevation: 219.83 ft (67.00 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 86 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	75	µS/cm	MT
1	Aluminum	95	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	9.2	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	840	µg/L	MT

WELL HSB117D collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	2,810	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
1	Copper	23	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	833	µg/L	MT
0	Manganese	3.5	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 3.4	µg/L	MT
1	Nitrate as nitrogen	6,160	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 416	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	8,090	µg/L	MT
0	Silver	< 0.60	µg/L	MT
1	Sodium	9,570	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	56,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	43	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Zinc	62	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
0	Nonvolatile beta	< 5.0	pCi/L	MT
1	Total activity	1,290 ± 7.7	pCi/mL	EM
0	Total radium	1.0 ± 0.30	pCi/L	MT
2	Tritium	940 ± 100	pCi/mL	MT

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/90 — Time: 8:50
Depth to water: 16.19 ft (4.93 m) below TOC — pH: 5.1
Water elevation: 220.11 ft (67.09 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 17.6°C
Water evacuated before sampling: 72 gal

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 Time: 13:15
Depth to water: 81.14 ft (24.73 m) below TOC pH: 8.5
Water elevation: 166.16 ft (50.65 m) msl Alkalinity: 49 meq/L
Sp. conductance: 157 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 212 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.6	pH	MT
1	Specific conductance	144	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	50	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	24,000	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,530	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	685	µg/L	MT
2	Manganese	57	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	320	µg/L	MT
1	Phenols	5.0	µg/L	MT
0	Potassium	2,920	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	29,400	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,480	µg/L	MT
0	Sulfate	7,090	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	95,000	µg/L	MT
0	Total organic carbon	1,360	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	218	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.2±0.40	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 Time: 13:35
Depth to water: 81.17 ft (27.79 m) below TOC pH: 7.0
Water elevation: 165.93 ft (50.58 m) msl Alkalinity: 52 meq/L
Sp. conductance: 183 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 205 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.9	pH	MT
1	Specific conductance	196	µS/cm	MT
0	Aluminum	62	µg/L	MT
0	Antimony	<2.0	µg/L	MT
1	Arsenic	4.0	µg/L	MT
0	Barium	28	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	26,500	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,620	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 11	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,220	µg/L	MT
0	Manganese	5.8	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	2,380	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	15,100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	27,000	µg/L	GE
1	Silica	32,700	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	4,430	µg/L	MT
0	Sulfate	4,190	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	128,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	393	µg/L	MT
1	Total silica	30,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	16±4.0	pCi/L	MT
0	Total radium	1.2±0.30	pCi/L	MT

ANALYTICAL RESULTS

WELL HSB119A collected on 07/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Tritium	160±20	pCi/mL	MT

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 9:10
Depth to water: 102.83 ft (31.34 m) below TOC pH: 7.5
Water elevation: 165.37 ft (50.41 m) msl Alkalinity: 75 meq/L
Sp. conductance: 214 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 209 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.4	pH	MT
1	Specific conductance	189	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	29	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	33,900	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,580	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	602	µg/L	MT
0	Manganese	7.6	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	4,330	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	32,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	7,750	µg/L	MT
0	Sulfate	7,580	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	150,000	µg/L	MT
0	Total dissolved solids	158,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	178	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT

WELL HSB120A collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	8.3±3.8	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90 Time: 14:30
Depth to water: 104.65 ft (31.90 m) below TOC pH: 7.2
Water elevation: 169.95 ft (51.80 m) msl Alkalinity: 98 meq/L
Sp. conductance: 237 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 228 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.3	pH	MT
1	Specific conductance	245	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	35	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 59	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	42,200	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,520	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	22	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	834	µg/L	MT
0	Manganese	13	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
1	Phenols	11	µg/L	MT
0	Potassium	3,170	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	47,000	µg/L	MT
0	Silver	0.80	µg/L	MT
0	Sodium	3,290	µg/L	MT
1	Sulfate	10,300	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	197,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	76	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT

WELL HSB121A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90
Depth to water: 101.80 ft (31.03 m) below TOC
Water elevation: 169.80 ft (51.76 m) msl
Sp. conductance: 221 µS/cm
Water evacuated before sampling: 229 gal
Time: 13:55
pH: 6.8
Alkalinity: 85 meq/L
Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	MT
1	Specific conductance	233	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	25	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 13	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	40,400	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,620	µg/L	MT
0	Chloride	2,600	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	827	µg/L	MT
0	Manganese	7.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
1	Phenols	6.4	µg/L	MT
0	Potassium	922	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	36,900	µg/L	MT
0	Silver	0.70	µg/L	MT
0	Sodium	2,220	µg/L	MT
1	Sulfate	10,900	µg/L	MT
1	Sulfate	10,900	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	193,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	17	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	8.1	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT

WELL HSB122A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90
Depth to water: 94.49 ft (28.80 m) below TOC
Water elevation: 170.01 ft (51.82 m) msl
Sp. conductance: 223 µS/cm
Water evacuated before sampling: 218 gal
Time: 13:15
pH: 6.8
Alkalinity: 90 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.7	pH	MT
1	Specific conductance	238	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	82	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 60	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	42,900	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,590	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	550	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	68	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	802	µg/L	MT
0	Manganese	17	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
1	Phenols	12	µg/L	MT
0	Potassium	2,890	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	48,800	µg/L	MT
0	Silver	0.70	µg/L	MT
0	Sodium	4,330	µg/L	MT
0	Sulfate	9,980	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	176,000	µg/L	MT
0	Total organic carbon	1,290	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	58	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB123A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB124A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/90
Depth to water: 74.78 ft (22.79 m) below TOC
Water elevation: 191.42 ft (58.35 m) msl
Sp. conductance: 462 µS/cm
Water evacuated before sampling: 42 gal
The well went dry during purging.

Time: 12:05
pH: 10.8
Alkalinity: 102 meq/L
Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.1	pH	MT
1	Specific conductance	197	µS/cm	MT
1	Aluminum	264	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	132	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 37	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	81,400	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,780	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	870	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	152	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
1	Phenols	8.2	µg/L	MT
1	Potassium	8,430	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	23,400	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	5,270	µg/L	MT
1	Sulfate	11,400	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	152,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	12	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT

WELL HSB124A collected on 07/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	6.2±3.5	pCi/L	MT
0	Total radium	2.0±0.30	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90
Depth to water: 9.51 ft (2.90 m) below TOC
Water elevation: 222.39 ft (67.79 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 214 gal

Time: 10:20
pH: 5.9
Alkalinity: 20 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	MT
0	pH	6.0	pH	MT
0	Specific conductance	65	µS/cm	MT
0	Specific conductance	65	µS/cm	MT
0	Aluminum	57	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.6	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	8,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,800	µg/L	MT
0	Chloride	2,820	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,240	µg/L	MT
0	Manganese	10	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	490	µg/L	MT
0	Nitrate as nitrogen	440	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	620	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,020	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	19,000	µg/L	MT
0	Total dissolved solids	22,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	7.5	µg/L	MT
0	Total phosphates	144	µg/L	MT

WELL HSB125C collected on 07/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	11	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.2±0.40	pCi/mL	MT
0	Tritium	3.6±0.40	pCi/mL	MT

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90
Depth to water: 10.02 ft (3.05 m) below TOC
Water elevation: 221.68 ft (67.57 m) msl
Sp. conductance: 375 µS/cm
Water evacuated before sampling: 73 gal
Time: 9:40
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
1	Specific conductance	553	µS/cm	MT
1	Aluminum	180	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	18	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	496	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,050	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	794	µg/L	MT
2	Manganese	110	µg/L	MT
1	Mercury	0.87	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	40,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,410	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	80,200	µg/L	MT
0	Sulfate	8,750	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	269,000	µg/L	MT

WELL HSB125D collected on 07/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	1,240	µg/L	MT
0	Total organic halogens	8.7	µg/L	MT
0	Total phosphates	28	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
1	Trichloroethylene	J 1.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	13	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	3.4±2.3	pCi/L	MT
1	Nonvolatile beta	49±6.0	pCi/L	MT
1	Total activity	5,410±50	pCi/mL	EM
1	Total radium	4.0±0.60	pCi/L	MT
2	Tritium	5,900±800	pCi/mL	MT

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90
Depth to water: 9.04 ft (2.76 m) below TOC
Water elevation: 203.56 ft (62.05 m) msl
Sp. conductance: 213 µS/cm
Water evacuated before sampling: 79 gal
Time: 10:55
pH: 7.4
Alkalinity: 65 meq/L
Water temperature: 18.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.3	pH	MT
1	Specific conductance	200	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	19	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	34,400	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	5.9	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,400	µg/L	MT
0	Manganese	3.8	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	4,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	531	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	26,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	6,190	µg/L	MT

ANALYTICAL RESULTS

WELL HSB126C collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	144,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	85	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Zinc	< 4.0	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
0	Nonvolatile beta	< 8.0	pCi/L	MT
1	Total activity	278 ± 3.7	pCi/mL	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	240 ± 30	pCi/mL	MT

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90 — Time: 11:10
Depth to water: 8.57 ft (2.61 m) below TOC — pH: 4.4
Water elevation: 204.13 ft (62.22 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 510 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 6 gal
The well went dry during purging

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
1	Specific conductance	521	µS/cm	MT
2	Aluminum	508	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
1	Barium	122	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 6.0	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	9,040	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	4,180	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	40	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	4,870	µg/L	MT
2	Manganese	61	µg/L	MT
2	Mercury	8.5	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	4.5	µg/L	MT
2	Nitrate as nitrogen	56,000	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	651	µg/L	MT
0	Selenium	< 3.0	µg/L	MT

WELL HSB126D collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	8,240	µg/L	MT
0	Silver	< 0.60	µg/L	MT
1	Sodium	76,200	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	374,000	µg/L	MT
0	Total organic carbon	1,590	µg/L	MT
1	Total organic halogens	12	µg/L	MT
1	Total organic halogens	14	µg/L	MT
0	Total phosphates	147	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Zinc	18	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Gross alpha	< 6.0	pCi/L	MT
1	Nonvolatile beta	41 ± 8.0	pCi/L	MT
1	Total activity	4,850 ± 50	pCi/mL	EM
0	Total radium	1.6 ± 0.20	pCi/L	MT
2	Tritium	4,300 ± 500	pCi/mL	MT

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 16:15
Depth to water: 16.05 ft (4.89 m) below TOC — pH: 7.4
Water elevation: 209.65 ft (63.90 m) msl — Alkalinity: 80 meq/L
Sp. conductance: 277 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 173 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.0	pH	MT
1	Specific conductance	325	µS/cm	MT
0	Aluminum	60	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	18	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
1	Calcium	41,700	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	3,270	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	772	µg/L	MT
0	Manganese	< 2.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 3.4	µg/L	MT

WELL HSB127C collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Nitrate as nitrogen	9,420	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<418	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	4,480	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	J 2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	157,000	µg/L	MT
0	Total dissolved solids	161,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	15	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total activity	997±6.8	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	880±90	pCi/mL	MT

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 15:40
Depth to water: 8.26 ft (2.52 m) below TOC — pH: 4.2
Water elevation: 217.84 ft (66.40 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 260 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 67 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	MT
1	Specific conductance	321	µS/cm	MT
1	Aluminum	173	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	25	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	BJ 1.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,990	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,790	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,760	µg/L	MT

WELL HSB127D collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Manganese	378	µg/L	MT
2	Mercury	4.5	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	29,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	650	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,060	µg/L	MT
0	Silver	<0.30	µg/L	MT
1	Sodium	41,000	µg/L	MT
0	Sulfate	2,820	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	197,000	µg/L	MT
0	Total organic carbon	1,050	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.7	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	4.3±2.5	pCi/L	MT
2	Nonvolatile beta	66±9.0	pCi/L	MT
1	Total activity	20,300±100	pCi/mL	EM
1	Total radium	4.2±0.60	pCi/L	MT
2	Tritium	17,000±2,000	pCi/mL	MT

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 10:20
Depth to water: 10.47 ft (3.19 m) below TOC — pH: 5.2
Water elevation: 204.63 ft (62.37 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 188 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 163 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	pH	5.2	pH	MT
1	Specific conductance	188	µS/cm	MT
1	Specific conductance	191	µS/cm	MT
1	Aluminum	101	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	51	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	14,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,980	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	7.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB129C collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,270	µg/L	MT
1	Manganese	48	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	6.0	µg/L	MT
2	Nitrate as nitrogen	17,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,070	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,200	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	8,740	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	198,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	99	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	72	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
2	Nonvolatile beta	160±20	pCi/L	MT
1	Total activity	2,170±10.0	pCi/mL	EM
0	Total radium	1.2±0.30	pCi/L	MT
2	Tritium	1,900±200	pCi/mL	MT

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 9:30
Depth to water: 8.33 ft (2.54 m) below TOC — pH: 4.4
Water elevation: 206.37 ft (62.90 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 442 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
1	Specific conductance	407	µS/cm	MT
1	Aluminum	244	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	54	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	BJ 2.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	4,130	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,970	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT

WELL HSB129D collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,630	µg/L	MT
0	Manganese	18	µg/L	MT
1	Mercury	0.70	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	41,400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,240	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	72,300	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	311,000	µg/L	MT
0	Total dissolved solids	328,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	7.7	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
2	Nonvolatile beta	65±7.0	pCi/L	MT
1	Total activity	8,510±60	pCi/mL	EM
1	Total radium	3.7±0.50	pCi/L	MT
2	Tritium	7,700±800	pCi/mL	MT

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 — Time: 14:10
Depth to water: 19.00 ft (5.79 m) below TOC — pH: 7.6
Water elevation: 199.30 ft (60.75 m) msl — Alkalinity: 70 meq/L
Sp. conductance: 171 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 117 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	MT
1	Specific conductance	188	µS/cm	MT
0	Aluminum	83	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	23	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	28,600	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,160	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT

WELL HSB130C collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	695	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	37,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,600	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	3,230	µg/L	MT
0	Sulfate	1,170	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	96,000	µg/L	MT
0	Total organic carbon	1,730	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	30	µg/L	MT
0	Total phosphates	29	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	8.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.0±0.10	pCi/mL	MT

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 — Time: 15:30
Depth to water: 18.98 ft (5.79 m) below TOC — pH: 6.5
Water elevation: 199.82 ft (60.84 m) msl — Alkalinity: 19 meq/L
Sp. conductance: 78 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.6	pH	MT
0	Specific conductance	82	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	6.9	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	12,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,680	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT

WELL HSB130D collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	513	µg/L	MT
0	Manganese	3.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	150	µg/L	MT
1	Phenols	5.1	µg/L	MT
0	Potassium	448	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,180	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,290	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	32,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	105	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	6.5±0.70	pCi/mL	MT

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 17:05
Depth to water: 8.11 ft (2.47 m) below TOC — pH: 7.2
Water elevation: 203.59 ft (62.05 m) msl — Alkalinity: 78 meq/L
Sp. conductance: 225 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 166 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.6	pH	MT
1	Specific conductance	218	µS/cm	MT
0	Aluminum	26	µg/L	MT
0	Aluminum	17	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	26	µg/L	MT
0	Barium	22	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 35	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT

ANALYTICAL RESULTS

WELL HSB131C collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
1	Calcium	47,000	µg/L	MT
1	Calcium	43,800	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	2,590	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	3.1	µg/L	MT
0	Chromium	2.8	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Cobalt	< 5.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Copper	< 2.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	5.4	µg/L	MT
0	Iron	5.4	µg/L	MT
0	Lead	6.1	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	787	µg/L	MT
0	Magnesium	683	µg/L	MT
0	Manganese	1.3	µg/L	MT
0	Manganese	1.1	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
1	Nitrate as nitrogen	3,650	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	772	µg/L	MT
0	Potassium	605	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	17,900	µg/L	MT
1	Silica	15,500	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Silver	< 2.5	µg/L	MT
0	Sodium	4,000	µg/L	MT
0	Sodium	3,460	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	198,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	56	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Vanadium	< 0.50	µg/L	MT
0	Zinc	28	µg/L	MT
0	Zinc	25	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Gross alpha	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 5.0	pCi/L	MT
1	Total activity	188 ± 3.0	pCi/mL	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	160 ± 20	pCi/mL	MT

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 11:40
Depth to water: 7.33 ft (2.23 m) below TOC — pH: 4.4
Water elevation: 204.77 ft (62.41 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	27	µS/cm	MT
0	Aluminum	< 44	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	1,400	µg/L	MT
0	Calcium	1,320	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	1,380	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 6.0	µg/L	MT
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	702	µg/L	MT
0	Magnesium	666	µg/L	MT
0	Manganese	4.3	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 3.4	µg/L	MT
0	Nitrate as nitrogen	530	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 416	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	5,950	µg/L	MT
0	Silver	< 0.60	µg/L	MT
0	Sodium	737	µg/L	MT
0	Sodium	720	µg/L	MT
0	Sulfate	1,550	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	24,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	70	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Zinc	4.8	µg/L	MT
0	Zinc	5.5	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT

WELL HSB131D collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Tritium	11±2.0	pCi/mL	MT

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/90 — Time: 12:20
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 30 gal

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 — Time: 12:30
Depth to water: 16.47 ft (5.03 m) below TOC — pH: 5.2
Water elevation: 222.03 ft (67.66 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 38 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 154 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.2	pH	MT
0	Specific conductance	31	µS/cm	GE
0	Specific conductance	38	µS/cm	MT
0	Aluminum	37	µg/L	GE
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.5	µg/L	GE
0	Barium	6.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Calcium	850	µg/L	GE
0	Calcium	864	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,300	µg/L	GE
0	Chloride	2,810	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT

WELL HSB132C collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0080	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	21	µg/L	GE
0	Iron	<21	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	2.4	µg/L	MT
0	Magnesium	270	µg/L	GE
0	Magnesium	300	µg/L	MT
0	Manganese	12	µg/L	GE
0	Manganese	17	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	820	µg/L	GE
0	Potassium	869	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	7,400	µg/L	GE
0	Silica	8,700	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Sodium	4,000	µg/L	GE
0	Sodium	4,510	µg/L	MT
0	Sulfate	4,200	µg/L	GE
0	Sulfate	5,350	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	29,000	µg/L	GE
0	Total dissolved solids	16,000	µg/L	MT
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	140	µg/L	GE
0	Total phosphates	126	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Zinc	8.2	µg/L	GE
0	Zinc	7.7	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	2.3±2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE

ANALYTICAL RESULTS

WELL HSB132C collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90
Depth to water: 18.47 ft (5.63 m) below TOC
Water elevation: 222.03 ft (67.68 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 194 gal
Time: 12:30
pH: 5.2
Alkalinity: 2 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.2	pH	MT
0	Specific conductance	32	µS/cm	GE
0	Specific conductance	38	µS/cm	MT
0	Aluminum	40	µg/L	GE
0	Aluminum	< 44	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Barium	4.8	µg/L	GE
0	Barium	6.3	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	890	µg/L	GE
0	Calcium	892	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	2,300	µg/L	GE
0	Chloride	2,800	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 13	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Copper	< 14	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	B 23	µg/L	MT
0	Endrin	< 0.0080	µg/L	GE
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Iron	14	µg/L	GE
0	Iron	< 21	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Lead	< 2.0	µg/L	MT

WELL HSB132C collected on 07/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	270	µg/L	GE
0	Magnesium	306	µg/L	MT
0	Manganese	13	µg/L	GE
0	Manganese	17	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 3.4	µg/L	MT
0	Nitrate as nitrogen	50	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Potassium	870	µg/L	GE
0	Potassium	966	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Silica	7,900	µg/L	GE
0	Silica	9,030	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 0.60	µg/L	MT
0	Sodium	4,300	µg/L	GE
0	Sodium	4,660	µg/L	MT
0	Sulfate	4,000	µg/L	GE
0	Sulfate	5,310	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	39,000	µg/L	GE
0	Total dissolved solids	3,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	160	µg/L	GE
0	Total phosphates	148	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 3.0	µg/L	MT
0	Zinc	8.4	µg/L	GE
0	Zinc	13	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.48	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 1.0	pCi/mL	MT

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/90 — Time: 11:00
Depth to water: 18.90 ft (5.76 m) below TOC — pH: 4.8
Water elevation: 221.80 ft (67.61 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	22	µS/cm	MT
0	Aluminum	48	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.2	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2 ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	707	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,570	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	393	µg/L	MT
0	Manganese	12	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	6,850	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,320	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	6,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	30	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	17	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.080	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
1	Tritium	16±2.0	pCi/mL	MT

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 13:10
Depth to water: 26.76 ft (8.16 m) below TOC — pH: 5.0
Water elevation: 226.82 ft (69.75 m) msl — Alkalinity: 10 meq/L
Sp. conductance: 45 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 150 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	Specific conductance	44	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	8.9	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	3,650	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 7.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	443	µg/L	MT
0	Manganese	4.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,730	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,550	µg/L	MT
0	Sulfate	1,320	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	37,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	269	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	6.9	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 12:25
Depth to water: 21.44 ft (6.53 m) below TOC — pH: 4.7
Water elevation: 233.66 ft (71.28 m) msl — Alkalinity: 10 meq/L
Sp. conductance: 68 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.5	pH	MT
0	Specific conductance	61	µS/cm	MT
1	Aluminum	183	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	2,960	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,860	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	18	µg/L	MT
0	Magnesium	142	µg/L	MT
0	Manganese	5.4	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,360	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	10,600	µg/L	MT
0	Sulfate	6,550	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	50,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	9.6	µg/L	MT
0	Total phosphates	72	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	8.1	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
1	Nonvolatile beta	16±4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	33±4.0	pCi/mL	MT

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 16:50
Depth to water: 18.48 ft (5.62 m) below TOC — pH: 4.7
Water elevation: 219.65 ft (67.04 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 44 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 204 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	pH	5.4	pH	MT
0	Specific conductance	49	µS/cm	MT
0	Specific conductance	50	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	8.8	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	2,920	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,030	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 41	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	944	µg/L	MT
0	Manganese	21	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	310	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	642	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,000	µg/L	MT
0	Silver	0.60	µg/L	MT
0	Sodium	1,930	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	40,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	15	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	8.5	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	40±4.0	pCi/mL	MT

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 16:40
Depth to water: 16.71 ft (5.09 m) below TOC pH: 3.7
Water elevation: 221.39 ft (67.48 m) msl Alkalinity: 0 meq/L
Sp. conductance: 245 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
1	Specific conductance	239	µS/cm	MT
2	Aluminum	548	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	44	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	562	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,580	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	3.4	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	25	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,550	µg/L	MT
2	Manganese	105	µg/L	MT
1	Mercury	0.46	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	4.4	µg/L	MT
2	Nitrate as nitrogen	24,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	459	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,280	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	42,300	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	146,000	µg/L	MT
0	Total organic carbon	1,010	µg/L	MT
1	Total organic halogens	14	µg/L	MT
0	Total phosphates	40	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	8.2	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	3.6±2.1	pCi/L	MT
2	Nonvolatile beta	400±40	pCi/L	MT
1	Total activity	3,510±40	pCi/mL	EM
0	Total radium	1.0±0.20	pCi/L	MT
2	Tritium	3,200±400	pCi/mL	MT

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 Time: 12:25
Depth to water: 25.95 ft (7.91 m) below TOC pH: 7.7
Water elevation: 206.05 ft (62.80 m) msl Alkalinity: 79 meq/L
Sp. conductance: 202 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 172 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.7	pH	MT
1	Specific conductance	231	µS/cm	MT
1	Specific conductance	232	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Aluminum	<44	µg/L	MT
1	Antimony	2.9	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	16	µg/L	MT
0	Barium	17	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	B 160	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	35,100	µg/L	MT
1	Calcium	35,700	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,650	µg/L	MT
0	Chloride	2,670	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	487	µg/L	MT
0	Magnesium	497	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	1,010	µg/L	MT
0	Nitrate as nitrogen	1,060	µg/L	MT
1	Phenols	6.3	µg/L	MT
0	Potassium	429	µg/L	MT
0	Potassium	429	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	23,900	µg/L	MT
1	Silica	24,400	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,750	µg/L	MT
0	Sodium	1,750	µg/L	MT
0	Sulfate	1,100	µg/L	MT
0	Sulfate	1,110	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	141,000	µg/L	MT
0	Total dissolved solids	147,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB135C collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total phosphates	5,580	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	4.7	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	16±5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	51±6.0	pCi/mL	MT

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90
Depth to water: 14.09 ft (4.29 m) below TOC
Water elevation: 218.21 ft (66.51 m) msl
Sp. conductance: 92 µS/cm
Water evacuated before sampling: 62 gal

Time: 11:55
pH: 4.6
Alkalinity: 3 meq/L
Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	83	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.3	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	219	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,410	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	241	µg/L	MT
0	Manganese	11	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	5,980	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,970	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	12,400	µg/L	MT
0	Sulfate	1,550	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT

WELL HSB135D collected on 07/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	75,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	20	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	9.8	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	38±5.0	pCi/L	MT
1	Total activity	2,070±30	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	1,400±200	pCi/mL	MT

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90
Depth to water: 11.47 ft (3.50 m) below TOC
Water elevation: 216.43 ft (65.97 m) msl
Sp. conductance: 471 µS/cm
Water evacuated before sampling: 160 gal

Time: 14:45
pH: 6.0
Alkalinity: 14 meq/L
Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
1	Specific conductance	481	µS/cm	MT
0	Aluminum	72	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	83	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	15,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,960	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,630	µg/L	MT
2	Manganese	83	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	J 0.025	µg/L	MT
0	Nickel	6.1	µg/L	MT
2	Nitrate as nitrogen	44,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,140	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,600	µg/L	MT
0	Silver	<0.60	µg/L	MT

WELL HSB136C collected on 07/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Sodium	63,800	µg/L	MT
0	Sulfate	1,060	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	389,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	59	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	25	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2 Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	3.3±2.3	pCi/L	MT
2	Nonvolatile beta	150±20	pCi/L	MT
1	Total activity	10,500±70	pCi/mL	EM
1	Total radium	3.3±0.50	pCi/L	MT
2	Tritium	9,800±1,000	pCi/mL	MT

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 — Time: 13:25
Depth to water: 7.79 ft (2.37 m) below TOC — pH: 3.6
Water elevation: 220.21 ft (67.12 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 394 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.8	pH	MT
1	Specific conductance	386	µS/cm	MT
2	Aluminum	5,460	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	104	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2 ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	3,690	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,140	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	440	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,410	µg/L	MT
2	Manganese	432	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	14	µg/L	MT
2	Nitrate as nitrogen	38,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,750	µg/L	MT

WELL HSB136D collected on 07/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Selenium	<3.0	µg/L	MT
1	Silica	13,700	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	39,400	µg/L	MT
0	Sulfate	2,440	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	225,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	46	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	66	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	38±8.0	pCi/L	MT
2	Nonvolatile beta	4,500±500	pCi/L	MT
1	Total activity	15,800±90	pCi/mL	EM
2	Total radium	38±4.0	pCi/L	MT
2	Tritium	13,000±2,000	pCi/mL	MT

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90 — Time: 12:30
Depth to water: 17.18 ft (5.24 m) below TOC — pH: 5.4
Water elevation: 218.82 ft (66.70 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 536 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 158 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	pH	5.3	pH	MT
1	Specific conductance	533	µS/cm	MT
1	Specific conductance	534	µS/cm	MT
0	Aluminum	68	µg/L	MT
0	Aluminum	65	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	63	µg/L	MT
1	Barium	63	µg/L	MT
1	Benzene	5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	27,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,740	µg/L	MT
1	Chlorobenzene	6.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	30	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB137C collected on 07/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	5,020	µg/L	MT
2	Manganese	98	µg/L	MT
2	Manganese	98	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	8.8	µg/L	MT
0	Nickel	7.4	µg/L	MT
2	Nitrate as nitrogen	54,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,130	µg/L	MT
0	Potassium	1,330	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,600	µg/L	MT
1	Silica	10,700	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	62,600	µg/L	MT
0	Sulfate	3,630	µg/L	MT
0	Sulfate	3,640	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	6.0	µg/L	MT
0	Total dissolved solids	492,000	µg/L	MT
0	Total dissolved solids	527,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	53	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	6.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	48	µg/L	MT
0	Zinc	49	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
1	1,1-Dichloroethylene	5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
2	Nonvolatile beta	190±20	pCi/L	MT
1	Total activity	9,850±70	pCi/mL	EM
0	Total radium	1.2±0.30	pCi/L	MT
2	Tritium	8,900±900	pCi/mL	MT

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/90
Depth to water: 15.70 ft (4.78 m) below TOC
Water elevation: 220.90 ft (67.33 m) msl
Sp. conductance: 140 µS/cm
Water evacuated before sampling: 59 gal

Time: 10:15
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	MT
1	Specific conductance	189	µS/cm	MT
0	Aluminum	79	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	22	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	2,310	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT

WELL HSB137D collected on 07/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloride	1,840	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
1	Copper	41	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 8.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	6.6	µg/L	MT
0	Magnesium	1,570	µg/L	MT
2	Manganese	129	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	7.4	µg/L	MT
2	Nitrate as nitrogen	17,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	883	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,780	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	15,900	µg/L	MT
0	Sulfate	2,720	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	147,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	72	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
2	Nonvolatile beta	320±40	pCi/L	MT
1	Total activity	7,730±90	pCi/mL	EM
1	Total radium	3.6±0.60	pCi/L	MT
2	Tritium	5,300±600	pCi/mL	MT

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90
Depth to water: 31.06 ft (9.47 m) below TOC
Water elevation: 221.34 ft (67.47 m) msl
Sp. conductance: 113 µS/cm
Water evacuated before sampling: 50 gal

Time: 14:35
pH: 4.8
Alkalinity: 0 meq/L
Water temperature: 20.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
1	Specific conductance	101	µS/cm	MT
0	Aluminum	87	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	16	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT

WELL HSB138D collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,220	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	6.1	µg/L	MT
0	Magnesium	834	µg/L	MT
0	Manganese	14	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
2	Nitrate as nitrogen	12,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,980	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	18,600	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	94,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	9.8	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	28±4.0	pCi/L	MT
1	Total activity	1,840±30	pCi/mL	EM
1	Total radium	3.0±0.50	pCi/L	MT
2	Tritium	1,700±200	pCi/mL	MT

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90
Depth to water: 61.73 ft (18.82 m) below TOC
Water elevation: 171.97 ft (52.42 m) msl
Sp. conductance: 230 µS/cm
Water evacuated before sampling: 234 gal
Time: 10:25
pH: 8.1
Alkalinity: 92 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.4	pH	MT
1	Specific conductance	230	µS/cm	MT
0	Aluminum	<44	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	22	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT

WELL HSB139A collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	38,600	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,480	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	733	µg/L	MT
0	Manganese	5.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,660	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	35,000	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,770	µg/L	MT
0	Sulfate	4,090	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	147,000	µg/L	MT
0	Total dissolved solids	152,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	11	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	<4.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90
Depth to water: 20.26 ft (6.18 m) below TOC
Water elevation: 213.54 ft (65.09 m) msl
Sp. conductance: 412 µS/cm
Water evacuated before sampling: 27 gal
The well went dry during purging.
Time: 9:40
pH: 5.4
Alkalinity: 7 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
1	Specific conductance	427	µS/cm	MT
1	Aluminum	129	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	72	µg/L	MT

ANALYTICAL RESULTS

WELL HSB139C collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 7.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Calcium	19,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,330	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 8.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	52	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	6,530	µg/L	MT
2	Manganese	259	µg/L	MT
1	Mercury	0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	15	µg/L	MT
2	Nitrate as nitrogen	41,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,170	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,700	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	44,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	9.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	302,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	12	µg/L	MT
0	Total phosphates	194	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	56	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<6.0	pCi/L	MT
1	Nonvolatile beta	43±6.0	pCi/L	MT
1	Total activity	3,250±10	pCi/mL	EM
0	Total radium	1.3±0.20	pCi/L	MT
2	Tritium	2,800±300	pCi/mL	MT

WELL HSB139D collected on 07/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	11	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	750	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,450	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<13	µg/L	MT
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 16	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	755	µg/L	MT
0	Manganese	23	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<3.4	µg/L	MT
1	Nitrate as nitrogen	3,390	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<416	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,490	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	4,860	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	28,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	30	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Zinc	11	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	3.5±2.1	pCi/L	MT
1	Nonvolatile beta	11±3.0	pCi/L	MT
0	Total radium	1.5±0.30	pCi/L	MT
2	Tritium	140±20	pCi/mL	MT

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/90
Depth to water: 12.60 ft (3.84 m) below TOC
Water elevation: 221.20 ft (67.42 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 53 gal

Time: 10:05
pH: 4.6
Alkalinity: 0 meq/L
Water temperature: 18.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	49	µS/cm	MT
1	Aluminum	237	µg/L	MT

WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 15:15
Depth to water: 44.98 ft (13.71 m) below TOC — pH: 3.7
Water elevation: 265.12 ft (80.81 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 20 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Chloride	1,700	µg/L	GE
0	Lead	17	µg/L	GE
0	Nitrate as nitrogen	1,250	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 15:00
Depth to water: 40.13 ft (12.23 m) below TOC — pH: 3.8
Water elevation: 264.27 ft (80.55 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 94 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Chloride	2,000	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Nitrate as nitrogen	900	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL HSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 15:30
Depth to water: 30.55 ft (9.31 m) below TOC — pH: 2.9
Water elevation: 279.25 ft (85.12 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 38 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Chloride	3,600	µg/L	GE
2	Lead	53	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
1	Total radium	3.7 ± 2.6	pCi/L	GE

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 11:00
Depth to water: 11.00 ft (3.35 m) below TOC — pH: 6.8
Water elevation: 271.00 ft (82.60 m) msl
Sp. conductance: 116 µS/cm — Water temperature: 33.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.0	pH	MT
2	Cadmium	21	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
2	Lead	610	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
1	Sodium	5,210	µg/L	MT
0	Gross alpha	< 5.0	pCi/L	MT
0	Gross alpha	0.13 ± 0.43	pCi/L	EM
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	6.9 ± 1.9	pCi/L	EM
0	Total radium	1.3 ± 0.20	pCi/L	MT
2	Tritium	32 ± 4.0	pCi/mL	MT
2	Tritium	43 ± 1.7	pCi/mL	EM

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 10:30
Depth to water: 11.00 ft (3.35 m) below TOC — pH: 6.3
Water elevation: 270.80 ft (82.54 m) msl
Sp. conductance: 202 µS/cm — Water temperature: 30.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
2	Cadmium	27	µg/L	MT
1	Chromium	6.5	µg/L	MT
2	Lead	257	µg/L	MT
0	Mercury	0.29	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Sodium	4,840	µg/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
0	Gross alpha	0.60 ± 0.61	pCi/L	EM
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	2.4 ± 1.4	pCi/L	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	28 ± 3.0	pCi/mL	MT
2	Tritium	33 ± 1.3	pCi/mL	EM

WELL HTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: Not available
The well was dry.

WELL HTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 — Time: 10:30
Depth to water: 9.50 ft (2.90 m) below TOC — pH: 7.0
Water elevation: 273.40 ft (83.33 m) msl
Sp. conductance: 161 µS/cm — Water temperature: 28.5°C
Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	MT
2	Cadmium	46	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
2	Lead	186	µg/L	MT
0	Mercury	< 0.20	µg/L	MT

ANALYTICAL RESULTS

WELL HTF 4 collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Sodium	4,790	µg/L	MT
0	Gross alpha	< 4.0	pCi/L	MT
0	Gross alpha	0.82 ± 0.65	pCi/L	EM
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	1.3 ± 1.2	pCi/L	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	31 ± 4.0	pCi/mL	MT
2	Tritium	36 ± 1.4	pCi/mL	EM

WELL HTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 Time: 14:50
The well was dry.

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 Time: 14:50
The well was dry.

WELL HTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 Time: 11:00
Depth to water: 31.00 ft (9.45 m) below TOC pH: 7.2
Water elevation: 274.30 ft (83.61 m) msl
Sp. conductance: 187 µS/cm Water temperature: 24.4°C
Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
1	Barium	93	µg/L	MT
2	Cadmium	27	µg/L	MT
1	Chromium	4.0	µg/L	MT
2	Lead	26	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nitrate as nitrogen	420	µg/L	MT
0	Silver	< 2.5	µg/L	MT
1	Sodium	6,670	µg/L	MT
0	Antimony-125	< 0.22	pCi/mL	EM
0	Barium-140	< 10	pCi/L	TE
0	Beryllium-7	< 50	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 4.0	pCi/L	TE
0	Cesium-134	< 0.089	pCi/mL	EM
0	Cesium-137	< 5.0	pCi/L	TE
0	Cesium-137	< 0.083	pCi/mL	EM
0	Chromium-51	< 1.0	pCi/mL	EM
0	Cobalt-58	< 4.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Cobalt-60	< 0.11	pCi/mL	EM
2	Gross alpha	19 ± 6.0	pCi/L	MT
0	Gross alpha	1.2 ± 0.87	pCi/L	EM
0	Iodine-131	< 20	pCi/L	TE
0	Iodine-131	< 0.56	pCi/mL	EM
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 4.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Niobium-95	< 0.12	pCi/mL	EM
1	Nonvolatile beta	19 ± 9.0	pCi/L	MT
0	Nonvolatile beta	4.0 ± 1.7	pCi/L	EM
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Ruthenium-103	< 6.0	pCi/L	TE
0	Ruthenium-103	< 0.097	pCi/mL	EM
0	Ruthenium-106	< 40	pCi/L	TE
0	Ruthenium-106	< 0.79	pCi/mL	EM
0	Thorium-228	< 9.0	pCi/L	TE
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	7.7 ± 0.80	pCi/mL	MT
0	Tritium	7.6 ± 0.80	pCi/mL	MT
0	Tritium	7.9 ± 0.80	pCi/mL	EM

WELL HTF 7 collected on 07/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE
0	Zirconium-95	< 0.19	pCi/mL	EM

WELL HTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 Time: 14:50
The well was dry.

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 10:55
Depth to water: 51.00 ft (15.82 m) below TOC pH: 5.8
Water elevation: 272.10 ft (82.94 m) msl
Sp. conductance: 81 µS/cm Water temperature: 30.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
1	Cadmium	4.5	µg/L	MT
1	Chromium	21	µg/L	MT
2	Lead	27	µg/L	MT
2	Mercury	1.4	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Sodium	4,060	µg/L	MT
0	Gross alpha	< 4.0	pCi/L	MT
0	Gross alpha	< 4.0	pCi/L	MT
0	Gross alpha	0.82 ± 0.56	pCi/L	EM
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Nonvolatile beta	6.5 ± 3.1	pCi/L	MT
0	Nonvolatile beta	2.6 ± 1.2	pCi/L	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	110 ± 20	pCi/mL	MT
2	Tritium	117 ± 2.4	pCi/mL	EM

WELL HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 Time: 10:20
Depth to water: 52.00 ft (15.85 m) below TOC pH: 6.6
Water elevation: 270.70 ft (82.51 m) msl
Sp. conductance: 149 µS/cm Water temperature: 25.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
2	Cadmium	11	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Lead	16	µg/L	MT
0	Mercury	0.33	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
1	Sodium	5,290	µg/L	MT
0	Gross alpha	< 6.0	pCi/L	MT
0	Gross alpha	0.53 ± 0.54	pCi/L	EM
1	Nonvolatile beta	12 ± 5.0	pCi/L	MT
0	Nonvolatile beta	2.3 ± 1.3	pCi/L	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	90 ± 9.0	pCi/mL	MT
2	Tritium	103 ± 2.2	pCi/mL	EM

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 Time: 10:00
Depth to water: 51.50 ft (15.70 m) below TOC pH: 7.0
Water elevation: 271.30 ft (82.69 m) msl
Sp. conductance: 98 µS/cm Water temperature: 26.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	pH	5.6	pH	MT
0	Specific conductance	52	µS/cm	MT
2	Cadmium	6.9	µg/L	MT
2	Chromium	57	µg/L	MT
2	Chromium	46	µg/L	MT
2	Lead	35	µg/L	MT
2	Mercury	1.5	µg/L	MT
0	Nitrate as nitrogen	260	µg/L	MT
1	Sodium	5,010	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	0.93±0.59	pCi/L	EM
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	0.93±0.88	pCi/L	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	88±9.0	pCi/mL	MT
2	Tritium	97±2.2	pCi/mL	EM

WELL HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 10:40
Depth to water: 51.80 ft (15.79 m) below TOC pH: 5.9
Water elevation: 271.10 ft (82.63 m) msl
Sp. conductance: 67 µS/cm Water temperature: 31.1°C
Water evacuated before sampling: 2 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
2	Cadmium	9.1	µg/L	MT
2	Cadmium	10	µg/L	MT
1	Chromium	24	µg/L	MT
2	Chromium	30	µg/L	MT
2	Lead	81	µg/L	MT
2	Lead	82	µg/L	MT
2	Mercury	1.4	µg/L	MT
0	Nitrate as nitrogen	200	µg/L	MT
0	Sodium	4,220	µg/L	MT
0	Sodium	4,250	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	0.67±0.50	pCi/L	EM
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	1.4±0.94	pCi/L	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	170±20	pCi/mL	MT
2	Tritium	186±3.0	pCi/mL	EM

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 Time: 12:45
Depth to water: 52.50 ft (16.00 m) below TOC pH: 7.4
Water elevation: 271.90 ft (82.88 m) msl
Sp. conductance: 30 µS/cm Water temperature: 31.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
2	Cadmium	42	µg/L	MT
2	Chromium	107	µg/L	MT
2	Lead	602	µg/L	MT
2	Mercury	1.2	µg/L	MT
0	Nitrate as nitrogen	840	µg/L	MT
0	Sodium	2,910	µg/L	MT
2	Gross alpha	15±4.0	pCi/L	MT

WELL HTF 13 collected on 07/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.10±0.25	pCi/L	EM
1	Nonvolatile beta	26±4.0	pCi/L	MT
0	Nonvolatile beta	0.48±0.77	pCi/L	EM
2	Total radium	7.2±0.80	pCi/L	MT
1	Tritium	16±2.0	pCi/mL	MT
1	Tritium	16±1.0	pCi/mL	EM

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 14:45
Depth to water: 52.50 ft (16.00 m) below TOC
Water elevation: 271.40 ft (82.72 m) msl
The well pumped dry before sampling could be done.

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 11:15
Depth to water: 51.50 ft (15.70 m) below TOC pH: 4.7
Water elevation: 271.00 ft (82.60 m) msl
Sp. conductance: 55 µS/cm Water temperature: 29.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
2	Cadmium	33	µg/L	MT
2	Chromium	174	µg/L	MT
2	Lead	326	µg/L	MT
2	Lead	413	µg/L	MT
2	Mercury	1.7	µg/L	MT
0	Nitrate as nitrogen	2,980	µg/L	MT
1	Sodium	5,660	µg/L	MT
2	Gross alpha	25±5.0	pCi/L	MT
0	Gross alpha	0.40±0.40	pCi/L	EM
1	Nonvolatile beta	29±4.0	pCi/L	MT
0	Nonvolatile beta	0.24±0.74	pCi/L	EM
2	Total radium	11±2.0	pCi/L	MT
2	Tritium	36±4.0	pCi/mL	MT
2	Tritium	38±1.4	pCi/mL	EM

WELL HTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 Time: 9:45
Depth to water: 32.80 ft (10.00 m) below TOC pH: 5.5
Water elevation: 287.50 ft (81.53 m) msl
Sp. conductance: 69 µS/cm Water temperature: 24.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
1	Cadmium	4.9	µg/L	MT
2	Chromium	53	µg/L	MT
2	Lead	44	µg/L	MT
1	Mercury	0.40	µg/L	MT
0	Nitrate as nitrogen	2,910	µg/L	MT
0	Sodium	3,400	µg/L	MT
1	Gross alpha	9.9±3.3	pCi/L	MT
0	Gross alpha	0.78±0.53	pCi/L	EM
1	Nonvolatile beta	12±3.0	pCi/L	MT
0	Nonvolatile beta	1.3±0.94	pCi/L	EM
2	Total radium	5.0±0.60	pCi/L	MT
2	Tritium	24±3.0	pCi/mL	MT
2	Tritium	27±1.2	pCi/mL	EM

ANALYTICAL RESULTS

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 — Time: 14:20
Depth to water: 30.30 ft (9.24 m) below TOC — pH: 5.8
Water elevation: 259.90 ft (79.22 m) msl
Sp. conductance: 81 µS/cm — Water temperature: 26.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
2	Cadmium	6.4	µg/L	MT
2	Chromium	84	µg/L	MT
2	Lead	92	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	3,930	µg/L	MT
1	Nitrate as nitrogen	3,970	µg/L	MT
0	Sodium	1,930	µg/L	MT
2	Gross alpha	24±5.0	pCi/L	MT
0	Gross alpha	1.0±0.83	pCi/L	EM
1	Nonvolatile beta	36±5.0	pCi/L	MT
0	Nonvolatile beta	2.8±1.2	pCi/L	EM
2	Total radium	16±2.0	pCi/L	MT
2	Tritium	37±4.0	pCi/mL	MT
2	Tritium	39±1.4	pCi/mL	EM

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 11:55
Depth to water: 53.50 ft (16.31 m) below TOC — pH: 4.9
Water elevation: 270.20 ft (82.36 m) msl
Sp. conductance: 58 µS/cm — Water temperature: 27.8°C
Water evacuated before sampling: 2 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
0	Cadmium	<4.0	µg/L	MT
2	Chromium	43	µg/L	MT
2	Lead	28	µg/L	MT
1	Mercury	0.66	µg/L	MT
0	Nitrate as nitrogen	2,150	µg/L	MT
1	Sodium	5,330	µg/L	MT
1	Gross alpha	9.6±3.2	pCi/L	MT
0	Gross alpha	1.2±0.67	pCi/L	EM
0	Nonvolatile beta	9.2±3.2	pCi/L	MT
0	Nonvolatile beta	2.5±1.1	pCi/L	EM
1	Total radium	4.6±0.60	pCi/L	MT
1	Tritium	14±2.0	pCi/mL	MT
1	Tritium	15±1.0	pCi/mL	EM

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 14:10
Depth to water: 58.00 ft (17.68 m) below TOC — pH: 4.7
Water elevation: 266.80 ft (81.32 m) msl
Sp. conductance: 33 µS/cm — Water temperature: 28.2°C
Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Cadmium	<4.0	µg/L	MT
2	Chromium	33	µg/L	MT
2	Lead	65	µg/L	MT
0	Mercury	0.26	µg/L	MT
0	Nitrate as nitrogen	300	µg/L	MT
0	Sodium	2,640	µg/L	MT
2	Gross alpha	29±10	pCi/L	MT
0	Gross alpha	0.30±0.36	pCi/L	EM
1	Nonvolatile beta	40±10	pCi/L	MT
0	Nonvolatile beta	0.59±0.80	pCi/L	EM
1	Total radium	3.3±0.60	pCi/L	MT
0	Tritium	9.1±1.0	pCi/mL	MT
0	Tritium	9.8±0.87	pCi/mL	EM

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 13:30
Depth to water: 59.50 ft (18.14 m) below TOC — pH: 4.9
Water elevation: 265.40 ft (80.89 m) msl
Sp. conductance: 47 µS/cm — Water temperature: 31.2°C
Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Cadmium	<4.0	µg/L	MT
2	Chromium	45	µg/L	MT
1	Chromium	22	µg/L	MT
2	Lead	26	µg/L	MT
2	Mercury	1.9	µg/L	MT
0	Nitrate as nitrogen	2,020	µg/L	MT
0	Sodium	4,590	µg/L	MT
2	Gross alpha	31±9.0	pCi/L	MT
0	Gross alpha	0.29±0.38	pCi/L	EM
1	Nonvolatile beta	32±10	pCi/L	MT
0	Nonvolatile beta	1.9±1.0	pCi/L	EM
1	Total radium	3.3±0.50	pCi/L	MT
2	Tritium	22±3.0	pCi/mL	MT
2	Tritium	23±1.2	pCi/mL	EM

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 13:00
Depth to water: 56.30 ft (17.16 m) below TOC — pH: 5.0
Water elevation: 268.40 ft (81.81 m) msl
Sp. conductance: 55 µS/cm — Water temperature: 28.7°C
Water evacuated before sampling: 2 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
0	Cadmium	<4.0	µg/L	MT
2	Chromium	102	µg/L	MT
2	Lead	33	µg/L	MT
2	Mercury	1.4	µg/L	MT
0	Nitrate as nitrogen	2,620	µg/L	MT
0	Sodium	4,720	µg/L	MT
1	Gross alpha	5.9±2.9	pCi/L	MT
0	Gross alpha	1.2±0.85	pCi/L	EM
1	Nonvolatile beta	10±3.0	pCi/L	MT
0	Nonvolatile beta	1.7±1.0	pCi/L	EM
1	Total radium	4.8±0.60	pCi/L	MT
1	Tritium	19±2.0	pCi/mL	MT
2	Tritium	20±1.1	pCi/mL	EM

WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 13:00
Depth to water: 60.00 ft (18.29 m) below TOC — pH: 6.7
Water elevation: 273.50 ft (83.38 m) msl
Sp. conductance: 144 µS/cm — Water temperature: 28.3°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
0	Cadmium	<4.0	µg/L	MT
2	Chromium	90	µg/L	MT
1	Lead	20	µg/L	MT
2	Mercury	1.4	µg/L	MT
0	Nitrate as nitrogen	610	µg/L	MT
0	Sodium	4,360	µg/L	MT
1	Gross alpha	7.5±3.1	pCi/L	MT
0	Gross alpha	0.47±0.57	pCi/L	EM
1	Nonvolatile beta	11±4.0	pCi/L	MT
0	Nonvolatile beta	2.0±1.3	pCi/L	EM
2	Total radium	5.1±0.60	pCi/L	MT
1	Tritium	14±2.0	pCi/mL	MT
1	Tritium	14±0.97	pCi/mL	EM

WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 11:00
Depth to water: 60.80 ft (18.53 m) below TOC — pH: 8.7
Water elevation: 273.20 ft (83.27 m) msl
Sp. conductance: 78 µS/cm — Water temperature: 27.8°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.3	pH	MT
0	Cadmium	<4.0	µg/L	MT
2	Chromium	64	µg/L	MT
2	Lead	37	µg/L	MT
2	Mercury	2.7	µg/L	MT
0	Nitrate as nitrogen	2,030	µg/L	MT
1	Sodium	5,250	µg/L	MT
1	Gross alpha	6.4±3.0	pCi/L	MT
0	Gross alpha	0±0.20	pCi/L	EM
1	Nonvolatile beta	12±4.0	pCi/L	MT
0	Nonvolatile beta	0.79±0.86	pCi/L	EM
1	Total radium	4.5±0.50	pCi/L	MT
2	Tritium	22±3.0	pCi/mL	MT
2	Tritium	23±1.1	pCi/mL	EM

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 10:35
Depth to water: 61.40 ft (18.71 m) below TOC — pH: 7.3
Water elevation: 272.50 ft (83.06 m) msl
Sp. conductance: 55 µS/cm — Water temperature: 27.1°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.7	pH	MT
2	Cadmium	8.7	µg/L	MT
2	Chromium	59	µg/L	MT
2	Lead	338	µg/L	MT
2	Mercury	1.5	µg/L	MT
0	Nitrate as nitrogen	2,950	µg/L	MT
0	Sodium	4,520	µg/L	MT
1	Gross alpha	5.1±2.8	pCi/L	MT
0	Gross alpha	0.0030±0.18	pCi/L	EM
0	Gross alpha	0±0.18	pCi/L	EM
1	Nonvolatile beta	14±4.0	pCi/L	MT
0	Nonvolatile beta	0.14±0.71	pCi/L	EM
1	Total radium	3.4±0.50	pCi/L	MT
2	Tritium	21±3.0	pCi/mL	MT
2	Tritium	21±3.0	pCi/mL	MT
2	Tritium	24±1.2	pCi/mL	EM

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 13:45
Depth to water: 62.50 ft (19.05 m) below TOC — pH: 7.3
Water elevation: 271.80 ft (82.85 m) msl
Sp. conductance: 37 µS/cm — Water temperature: 28 °C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Cadmium	<4.0	µg/L	MT
1	Chromium	13	µg/L	MT
0	Lead	19	µg/L	MT
0	Mercury	0.37	µg/L	MT
0	Nitrate as nitrogen	1,360	µg/L	MT
0	Sodium	3,110	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	0.19±0.30	pCi/L	EM
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	1.0±0.88	pCi/L	EM
0	Total radium	<1.0	pCi/L	MT
1	Tritium	18±2.0	pCi/mL	MT

WELL HTF 25 collected on 07/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Tritium	20±1.1	pCi/mL	EM

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 10:15
Depth to water: 62.50 ft (19.05 m) below TOC — pH: 8.5
Water elevation: 273.00 ft (83.21 m) msl
Sp. conductance: 67 µS/cm — Water temperature: 27.0°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
0	pH	4.5	pH	MT
0	Cadmium	<4.0	µg/L	MT
2	Chromium	41	µg/L	MT
0	Lead	18	µg/L	MT
2	Mercury	1.2	µg/L	MT
1	Nitrate as nitrogen	5,160	µg/L	MT
0	Sodium	2,950	µg/L	MT
2	Gross alpha	24±8.0	pCi/L	MT
0	Gross alpha	3.8±1.2	pCi/L	EM
1	Nonvolatile beta	39±9.0	pCi/L	MT
1	Nonvolatile beta	18±3.3	pCi/L	EM
2	Total radium	5.8±0.80	pCi/L	MT
1	Tritium	13±2.0	pCi/mL	MT
1	Tritium	15±0.99	pCi/mL	EM

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 10:10
Depth to water: 57.00 ft (17.37 m) below TOC — pH: 5.3
Water elevation: 276.10 ft (84.16 m) msl
Sp. conductance: 90 µS/cm — Water temperature: 28.8°C
Water evacuated before sampling: 2 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
0	Cadmium	<4.0	µg/L	MT
1	Chromium	5.1	µg/L	MT
0	Lead	6.3	µg/L	MT
1	Mercury	0.53	µg/L	MT
0	Nitrate as nitrogen	1,700	µg/L	MT
1	Sodium	7,350	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	2.6±1.0	pCi/L	EM
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	3.6±1.3	pCi/L	EM
0	Total radium	2.1±0.40	pCi/L	MT
1	Tritium	11±2.0	pCi/mL	MT
1	Tritium	13±0.94	pCi/mL	EM

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 — Time: 13:30
Depth to water: 59.50 ft (18.14 m) below TOC — pH: 6.8
Water elevation: 274.20 ft (83.58 m) msl
Sp. conductance: 31 µS/cm — Water temperature: 25.7°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	MT
0	Cadmium	<4.0	µg/L	MT
2	Chromium	46	µg/L	MT
1	Lead	23	µg/L	MT
2	Mercury	1.4	µg/L	MT
0	Nitrate as nitrogen	1,310	µg/L	MT
0	Sodium	2,920	µg/L	MT
0	Gross alpha	3.3±2.4	pCi/L	MT

ANALYTICAL RESULTS

WELL HTF 28 collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.75±0.51	pCi/L	EM
0	Nonvolatile beta	7.5±3.0	pCi/L	MT
0	Nonvolatile beta	0.91±0.66	pCi/L	EM
1	Total radium	2.7±0.40	pCi/L	MT
0	Tritium	8.8±0.90	pCi/mL	MT
0	Tritium	8.7±0.65	pCi/mL	EM

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 Time: 11:30
Depth to water: 59.50 ft (18.14 m) below TOC pH: 6.9
Water elevation: 274.00 ft (83.52 m) msl
Sp. conductance: 46 µS/cm Water temperature: 25.6°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Cadmium	<4.0	µg/L	MT
2	Chromium	28	µg/L	MT
2	Lead	26	µg/L	MT
2	Mercury	2.0	µg/L	MT
1	Nitrate as nitrogen	3,220	µg/L	MT
1	Sodium	5,190	µg/L	MT
0	Gross alpha	4.9±2.8	pCi/L	MT
0	Gross alpha	0.0030±0.18	pCi/L	EM
0	Gross alpha	0±0.18	pCi/L	EM
0	Nonvolatile beta	7.8±3.3	pCi/L	MT
0	Nonvolatile beta	0.14±0.71	pCi/L	EM
1	Total radium	2.5±0.30	pCi/L	MT
1	Tritium	18	pCi/mL	MT
1	Tritium	19±1.1	pCi/mL	EM

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 Time: 14:00
Depth to water: 52.50 ft (16.00 m) below TOC pH: 7.1
Water elevation: 275.20 ft (83.88 m) msl
Sp. conductance: 45 µS/cm Water temperature: 25.5°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
0	Cadmium	<4.0	µg/L	MT
1	Chromium	8.0	µg/L	MT
2	Lead	26	µg/L	MT
1	Mercury	0.45	µg/L	MT
0	Nitrate as nitrogen	2,460	µg/L	MT
1	Sodium	6,980	µg/L	MT
1	Gross alpha	5.9±3.1	pCi/L	MT
0	Gross alpha	0.20±0.32	pCi/L	EM
1	Nonvolatile beta	13±5.0	pCi/L	MT
0	Nonvolatile beta	0.71±0.63	pCi/L	EM
0	Total radium	<1.0	pCi/L	MT
0	Tritium	9.2±1.0	pCi/mL	MT
1	Tritium	10±0.89	pCi/mL	EM

WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/90 Time: 9:45
Depth to water: 55.00 ft (16.76 m) below TOC pH: 7.3
Water elevation: 274.10 ft (83.55 m) msl
Sp. conductance: 43 µS/cm Water temperature: 25.0°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
0	Cadmium	<4.0	µg/L	MT
1	Chromium	8.6	µg/L	MT

WELL HTF 32 collected on 07/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	9.1	µg/L	MT
1	Mercury	0.88	µg/L	MT
0	Nitrate as nitrogen	2,620	µg/L	MT
1	Sodium	5,440	µg/L	MT
1	Gross alpha	5.1±3.2	pCi/L	MT
0	Gross alpha	0.30±0.38	pCi/L	EM
1	Nonvolatile beta	12±4.0	pCi/L	MT
0	Nonvolatile beta	0.070±0.70	pCi/L	EM
0	Total radium	1.5±0.30	pCi/L	MT
1	Tritium	10±1.0	pCi/mL	MT
1	Tritium	11±0.90	pCi/mL	EM

WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/90 Time: 14:50
The well was dry.

WELL HWS 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90 Time: 15:30
Depth to water: 82.36 ft (25.10 m) below TOC pH: 5.0
Water elevation: 242.24 ft (73.84 m) msl Alkalinity: 1 meq/L
Sp. conductance: 19 µS/cm Water temperature: 26.0°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	11	µg/L	GE
0	Lead	17	µg/L	GE
0	Manganese	13	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE

WELL HWS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/90 Time: 15:10
Depth to water: 80.50 ft (24.54 m) below TOC pH: 4.7
Water elevation: 242.70 ft (73.98 m) msl Alkalinity: 0 meq/L
Sp. conductance: 20 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE

WELL HXB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 Time: 11:40
Depth to water: 56.56 ft (17.85 m) below TOC pH: 4.8
Water elevation: 247.64 ft (75.48 m) msl Alkalinity: 0 meq/L
Sp. conductance: 27 µS/cm Water temperature: 24.9°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	33	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL HXB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 10:40
Depth to water: 55.65 ft (16.96 m) below TOC — pH: 4.8
Water elevation: 248.75 ft (75.82 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	27	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL HXB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 11:15
Depth to water: 56.18 ft (17.12 m) below TOC — pH: 4.9
Water elevation: 248.04 ft (75.60 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 94 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	<4.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL IDB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 — Time: 10:20
Depth to water: 109.34 ft (33.33 m) below TOC — pH: 11.7
Water elevation: 187.46 ft (57.14 m) msl — Alkalinity: 298 meq/L
Sp. conductance: 1433 µS/cm — Water temperature: 23.0°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	pH	12	pH	GE
1	Specific conductance	1,400	µS/cm	GE
1	Specific conductance	1,460	µS/cm	GE
1	Alkalinity	3,000	µg/L	GE
1	Alkalinity	3,000	µg/L	GE
2	Aluminum	5,300	µg/L	GE
2	Aluminum	5,100	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	170	µg/L	GE
1	Barium	180	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
1	Calcium	23,000	µg/L	GE
1	Calcium	23,000	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	290	µg/L	GE
0	Fluoride	290	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	18	µg/L	GE

WELL IDB 1A collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	6.0	µg/L	GE
0	Magnesium	7.8	µg/L	GE
0	Magnesium	6.5	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	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	20	µg/L	GE
0	Nitrite as nitrogen	20	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	Silica	5,300	µg/L	GE
0	Silica	5,100	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	1,700	µg/L	GE
1	Sulfate	15,100	µg/L	GE
1	Sulfate	14,700	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total dissolved solids	35,000	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 phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.8	µg/L	GE
0	Zinc	60	µg/L	GE
0	Zinc	48	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.5±2.4	pCi/L	GE
0	Nonvolatile beta	2.2±2.4	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL IDB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 — Time: 10:50
Depth to water: 114.09 ft (34.77 m) below TOC — pH: 10.9
Water elevation: 183.22 ft (55.85 m) msl — Alkalinity: 71 meq/L
Sp. conductance: 281 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	272	µS/cm	GE
1	Alkalinity	4,000	µg/L	GE
2	Aluminum	640	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	67	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	17,000	µg/L	GE
0	Chloride	2,100	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	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	28	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
1	Phenols	31	µg/L	GE

ANALYTICAL RESULTS

WELL IDB 1B collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Potassium	6,800	µg/L	GE
1	Silica	23,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	9,700	µg/L	GE
1	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
1	Total inorganic carbon	1,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	14	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	9.6±4.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL IDB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 — Time: 14:40
Depth to water: 58.87 ft (17.94 m) below TOC — pH: 5.2
Water elevation: 238.33 ft (72.64 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 18 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 110 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	21	µS/cm	GE
1	Alkalinity	172,000	µg/L	GE
0	Aluminum	27	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	6.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	970	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.2	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	260	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	Nitrate as nitrogen	980	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	201,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	25	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	1.7±0.30	pCi/mL	GE

WELL IDB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 15:20
Depth to water: 117.63 ft (35.85 m) below TOC — pH: 6.6
Water elevation: 166.67 ft (50.80 m) msl — Alkalinity: 7 meq/L
Sp. conductance: 62 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 550 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	GE
1	pH	6.5	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Specific conductance	48	µS/cm	GE
1	Alkalinity	12,000	µg/L	GE
1	Alkalinity	12,000	µg/L	GE
0	Aluminum	64	µg/L	GE
0	Aluminum	62	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Barium	12	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	6,000	µg/L	GE
0	Calcium	6,000	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
2	Iron	880	µg/L	GE
2	Iron	870	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Magnesium	250	µg/L	GE
1	Manganese	33	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	770	µg/L	GE
0	Potassium	740	µg/L	GE
1	Silica	11,000	µg/L	GE
1	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Sodium	1,200	µg/L	GE
1	Sulfate	10,700	µg/L	GE
0	Sulfate	9,800	µg/L	GE
1	Total carbon	7,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total dissolved solids	56,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Zinc	18	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.5±2.9	pCi/L	GE

WELL IDB 2A collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	2.6	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL IDB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 15:20
Depth to water: 117.63 ft (35.85 m) below TOC — pH: 8.6
Water elevation: 186.67 ft (56.90 m) msl — Alkalinity: 7 meq/L
Sp. conductance: 52 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 559 gal

WELL IDB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 15:10
Depth to water: 130.01 ft (39.63 m) below TOC — pH: 11.4
Water elevation: 175.69 ft (53.55 m) msl — Alkalinity: 162 meq/L
Sp. conductance: 809 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 156 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	730	µS/cm	GE
1	Alkalinity	214,000	µg/L	GE
2	Aluminum	1,200	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	78	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	25,000	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	11	µg/L	GE
0	Fluoride	180	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	37	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	5,500	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,800	µg/L	GE
1	Sulfate	15,300	µg/L	GE
1	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	234,000	µg/L	GE
1	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
1	Vanadium	18	µg/L	GE
0	Zinc	17	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL IDB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 15:35
Depth to water: 74.71 ft (22.77 m) below TOC — pH: 9.6
Water elevation: 231.69 ft (70.62 m) msl — Alkalinity: 54 meq/L
Sp. conductance: 168 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.2	pH	GE
1	Specific conductance	107	µS/cm	GE
1	Alkalinity	51,000	µg/L	GE
1	Aluminum	220	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	84	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	18,000	µg/L	GE
0	Chloride	2,200	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	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Manganese	2.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	550	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	950	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	1,300	µg/L	GE
1	Total carbon	13,000	µg/L	GE
0	Total dissolved solids	78,000	µg/L	GE
1	Total inorganic carbon	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.3	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	0.86±0.30	pCi/mL	GE

WELL IDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 14:00
The well was dry.

WELL IDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 13:40
Depth to water: 71.03 ft (21.65 m) below TOC — pH: 5.9
Water elevation: 245.57 ft (74.85 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 25.4°C
Water evacuated before sampling: 15 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	GE
0	Specific conductance	28	µS/cm	GE
1	Alkalinity	12,000	µg/L	GE
0	Aluminum	22	µg/L	GE
0	Antimony	<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	3,800	µg/L	GE
0	Chloride	1,100	µg/L	GE

ANALYTICAL RESULTS

WELL IDB 4 collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	8.5	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	170	µg/L	GE
0	Manganese	2.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	530	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	5,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	990	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	53,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.8	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	4.1±0.30	pCi mL	GE

WELL IDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90
Depth to water: 78.11 ft (23.81 m) below TOC
Water elevation: 243.79 ft (74.31 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.

Time: 16:10
pH: 6.8
Alkalinity: 18 meq/L
Water temperature: 28.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.1	pH	GE
0	Specific conductance	35	µS/cm	GE
1	Alkalinity	18,000	µg/L	GE
0	Aluminum	39	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	7.2	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Chloride	1,300	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iodine	200	µg/L	GE
0	Iron	7.6	µg/L	GE
0	Lead	18	µg/L	GE
0	Magnesium	200	µg/L	GE
0	Manganese	6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	5.4	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Silica	4,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	70,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	58	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.7±2.6	pCi/L	GE
0	Tritium	3.7±0.30	pCi/mL	GE

WELL IDB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90
Depth to water: 72.45 ft (22.08 m) below TOC
Water elevation: 246.55 ft (75.15 m) msl
Sp. conductance: 13 µS/cm
Water evacuated before sampling: 16 gal

Time: 9:50
pH: 5.7
Alkalinity: 2 meq/L
Water temperature: 18.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.3	pH	MT
0	Specific conductance	17	µS/cm	GE
0	Specific conductance	16	µS/cm	MT
1	Alkalinity	81,000	µg/L	GE
1	Alkalinity	2,150	µg/L	MT
0	Aluminum	42	µg/L	GE
0	Aluminum	37	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Barium	7.1	µg/L	GE
0	Barium	7.3	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	600	µg/L	GE
0	Calcium	473	µg/L	MT
0	Chloride	1,200	µg/L	GE
0	Chloride	1,080	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	2.2	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
0	Iron	14	µg/L	GE
0	Iron	5.8	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Magnesium	190	µg/L	GE
0	Magnesium	203	µg/L	MT
0	Manganese	3.3	µg/L	GE
0	Manganese	4.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	880	µg/L	GE
0	Nitrate as nitrogen	670	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
1	Phenols	5.2	µg/L	MT
0	Potassium	840	µg/L	GE
0	Potassium	1,060	µg/L	MT
0	Silica	7,000	µg/L	GE
0	Silica	6,320	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	1,300	µg/L	GE
0	Sodium	1,440	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
1	Total carbon	2,000	µg/L	GE
1	Total carbon	1,590	µg/L	MT
0	Total dissolved solids	10,000	µg/L	GE
0	Total dissolved solids	61,000	µg/L	MT
1	Total inorganic carbon	2,000	µg/L	GE
1	Total inorganic carbon	1,590	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<31	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Zinc	24	µg/L	GE
0	Zinc	12	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE

WELL IDB 6 collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Tritium	2.3±0.30	pCi/mL	GE
0	Tritium	2.3±0.30	pCi/mL	MT

WELL IDB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 Time: 9:50
Depth to water: 72.45 ft (22.08 m) below TOC pH: 5.7
Water elevation: 248.55 ft (75.15 m) msl Alkalinity: 2 meq/L
Sp. conductance: 13 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 16 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.3	pH	MT
0	Specific conductance	16	µS/cm	GE
0	Specific conductance	16	µS/cm	MT
1	Alkalinity	2,000	µg/L	GE
1	Alkalinity	3,870	µg/L	MT
0	Aluminum	38	µg/L	GE
0	Aluminum	48	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Barium	6.7	µg/L	GE
0	Barium	7.6	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	600	µg/L	GE
0	Calcium	452	µg/L	MT
0	Chloride	1,200	µg/L	GE
0	Chloride	1,110	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	2.9	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
0	Iron	12	µg/L	GE
0	Iron	5.2	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Magnesium	180	µg/L	GE
0	Magnesium	209	µg/L	MT
0	Manganese	3.5	µg/L	GE
0	Manganese	4.1	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	850	µg/L	GE
0	Nitrate as nitrogen	460	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	710	µg/L	GE
0	Potassium	1,090	µg/L	MT
0	Silica	6,900	µg/L	GE
0	Silica	6,560	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	1,300	µg/L	GE
0	Sodium	1,500	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
1	Total carbon	2,000	µg/L	GE
1	Total carbon	1,560	µg/L	MT
0	Total dissolved solids	4,000	µg/L	GE
0	Total dissolved solids	57,000	µg/L	MT
1	Total inorganic carbon	2,000	µg/L	GE
1	Total inorganic carbon	1,560	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	37	µg/L	MT
0	Uranium	<1,000	µg/L	GE

WELL IDB 6 collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Zinc	34	µg/L	GE
0	Zinc	9.9	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Tritium	2.5±0.30	pCi/mL	GE
0	Tritium	2.5±0.30	pCi/mL	MT
0	Tritium	2.8±0.30	pCi/mL	MT

WELL IDB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 Time: 14:10
Depth to water: 59.99 ft (18.29 m) below TOC pH: 4.2
Water elevation: 253.41 ft (77.24 m) msl Alkalinity: 0 meq/L
Sp. conductance: 31 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	30	µS/cm	GE
1	Alkalinity	1,000	µg/L	GE
1	Aluminum	80	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	170	µg/L	GE
0	Chloride	4,200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.2	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	22	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	980	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	27	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	3.7±0.30	pCi/mL	GE

WELL IDB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 Time: 11:20
Depth to water: 58.54 ft (17.84 m) below TOC pH: 6.1
Water elevation: 234.56 ft (71.49 m) msl Alkalinity: 3 meq/L
Sp. conductance: 17 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	19	µS/cm	GE
1	Alkalinity	2,000	µg/L	GE

ANALYTICAL RESULTS

WELL IDB 8 collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Aluminum	72	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	6.6	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	970	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	14	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	4.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	5,700	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	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	44	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.7±3.5	pCi/L	GE
0	Tritium	2.3±0.30	pCi/mL	GE

WELL IDP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 82.91 ft (25.27 m) below TOC
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 52 gal
Time: 14:05
pH: 5.2
Water temperature: 24.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	46	µS/cm	GE
0	Specific conductance	44	µS/cm	GE
1	Alkalinity	5,000	µg/L	GE
1	Alkalinity	5,000	µg/L	GE
0	Aluminum	32	µg/L	GE
0	Aluminum	36	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Barium	16	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	3,100	µg/L	GE
0	Chloride	1,600	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	740	µg/L	GE

WELL IDP 1 collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	710	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	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	3,520	µg/L	GE
1	Nitrate as nitrogen	3,470	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	6,800	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	2,100	µg/L	GE
0	Sodium	2,100	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	59,000	µg/L	GE
0	Total dissolved solids	54,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.5	µg/L	GE
0	Zinc	5.9	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	4.0±0.30	pCi/mL	GE
0	Tritium	3.5±0.30	pCi/mL	GE

WELL IDP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90
Depth to water: 66.55 ft (20.28 m) below TOC
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 44 gal
Time: 10:10
pH: 5.2
Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	20	µS/cm	GE
1	Alkalinity	3,000	µg/L	GE
0	Aluminum	24	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	5.8	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	880	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.8	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iodine	200	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	510	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,110	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE

WELL IDP 2 collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sodium	1,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.8	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	4.8±0.30	pCi/mL	GE

WELL IDP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 119.11 ft (36.31 m) below TOC
Water elevation: 164.89 ft (50.26 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 658 gal
Time: 13:20
pH: 5.7
Alkalinity: 2 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	46	µS/cm	GE
1	Alkalinity	11,000	µg/L	GE
0	Aluminum	20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,100	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
2	Iron	820	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	660	µg/L	GE
1	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,100	µg/L	GE
1	Sulfate	10,200	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.9	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL IDP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 119.11 ft (36.31 m) below TOC
Water elevation: 164.89 ft (50.26 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 658 gal
Time: 13:20
pH: 5.7
Alkalinity: 2 meq/L
Water temperature: 21.0°C

WELL IDP 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 131.57 ft (40.10 m) below TOC
Water elevation: 152.93 ft (46.61 m) msl
Sp. conductance: 309 µS/cm
Water evacuated before sampling: 151 gal
Time: 13:05
pH: 10.7
Alkalinity: 87 meq/L
Water temperature: 26.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	282	µS/cm	GE
1	Alkalinity	97,000	µg/L	GE
2	Aluminum	450	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	20,000	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	76	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	360	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	6,600	µg/L	GE
1	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	3,300	µg/L	GE
1	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	106,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	110	µg/L	GE
0	Uranium	<1,000	µg/L	GE
1	Vanadium	11	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	5.3±2.1	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL IDP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 88.23 ft (26.89 m) below TOC
Water elevation: 196.77 ft (59.98 m) msl
Sp. conductance: 381 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 13:30
pH: 11.0
Alkalinity: 82 meq/L
Water temperature: 24.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	360	µS/cm	GE
1	Alkalinity	80,000	µg/L	GE
0	Aluminum	27	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	85	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,600	µg/L	GE
0	Chloride	1,500	µg/L	GE
1	Chromium	4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	26	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	170	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE

ANALYTICAL RESULTS

WELL IDP 3C collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	880	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	27,000	µg/L	GE
1	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	10,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	115,000	µg/L	GE
1	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.2	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
1	Nonvolatile beta	27±2.3	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL IDP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 11:55
The well was dry.

WELL IDP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 15:10
The well was dry.

WELL IDP 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 Time: 11:20
Depth to water: 61.74 ft (18.82 m) below TOC pH: 5.5
Water elevation: 191.98 ft (58.51 m) msl Alkalinity: 3 meq/L
Sp. conductance: 43 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 14 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.9	pH	MT
0	Specific conductance	41	µS/cm	GE
0	Specific conductance	48	µS/cm	MT
1	Alkalinity	5,000	µg/L	GE
1	Alkalinity	6,450	µg/L	MT
0	Aluminum	47	µg/L	GE
0	Aluminum	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Barium	13	µg/L	GE
0	Barium	15	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,900	µg/L	GE
0	Calcium	2,840	µg/L	MT
0	Chloride	4,000	µg/L	GE
0	Chloride	3,820	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
0	Iron	12	µg/L	GE
0	Iron	<5.0	µg/L	MT

WELL IDP 5 collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	19	µg/L	GE
0	Lead	15	µg/L	MT
0	Lead	13	µg/L	MT
0	Magnesium	910	µg/L	GE
0	Magnesium	938	µg/L	MT
0	Manganese	8.1	µg/L	GE
0	Manganese	3.1	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	2,470	µg/L	GE
0	Nitrate as nitrogen	1,930	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,700	µg/L	GE
0	Silica	7,760	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	2,100	µg/L	GE
0	Sodium	2,680	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
1	Total carbon	6,000	µg/L	GE
1	Total carbon	6,660	µg/L	MT
0	Total dissolved solids	51,000	µg/L	GE
0	Total dissolved solids	47,000	µg/L	MT
1	Total inorganic carbon	6,000	µg/L	GE
1	Total inorganic carbon	4,740	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,920	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Zinc	14	µg/L	GE
0	Zinc	1.5	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Tritium	4.2±0.30	pCi/mL	GE
0	Tritium	2.8±0.30	pCi/mL	MT

WELL IDP 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 Time: 11:20
Depth to water: 61.74 ft (18.82 m) below TOC pH: 5.5
Water elevation: 191.98 ft (58.51 m) msl Alkalinity: 3 meq/L
Sp. conductance: 43 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 14 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.4	pH	MT
0	Specific conductance	41	µS/cm	GE
0	Specific conductance	43	µS/cm	MT
1	Alkalinity	6,000	µg/L	GE
1	Alkalinity	5,390	µg/L	MT
0	Aluminum	<20	µg/L	GE
0	Aluminum	43	µg/L	MT
0	Aluminum	40	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Barium	13	µg/L	GE
0	Barium	15	µg/L	MT
0	Barium	15	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT

WELL IDP 5 collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Calcium	2,800	µg/L	GE
0	Calcium	2,780	µg/L	MT
0	Calcium	2,720	µg/L	MT
0	Chloride	3,700	µg/L	GE
0	Chloride	3,840	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	5.1	µg/L	MT
0	Copper	4.8	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
0	Iron	12	µg/L	GE
0	Iron	13	µg/L	MT
0	Iron	14	µg/L	MT
0	Lead	11	µg/L	GE
0	Lead	13	µg/L	MT
0	Magnesium	920	µg/L	GE
0	Magnesium	887	µg/L	MT
0	Magnesium	882	µg/L	MT
0	Manganese	8.1	µg/L	GE
0	Manganese	10	µg/L	MT
0	Manganese	10	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	2,160	µg/L	GE
0	Nitrate as nitrogen	2,050	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	523	µg/L	MT
0	Potassium	504	µg/L	MT
0	Silica	8,700	µg/L	GE
0	Silica	7,070	µg/L	MT
0	Silica	7,040	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,100	µg/L	GE
0	Sodium	2,460	µg/L	MT
0	Sodium	2,420	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
1	Total carbon	7,000	µg/L	GE
1	Total carbon	4,200	µg/L	MT
0	Total dissolved solids	47,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	MT
1	Total inorganic carbon	7,000	µg/L	GE
1	Total inorganic carbon	4,200	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	MT
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	14	µg/L	GE
0	Zinc	20	µg/L	MT
0	Zinc	21	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	3.2±2.1	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Tritium	4.2±0.30	pCi/mL	GE
0	Tritium	3.0±0.30	pCi/mL	MT

WELL IDP 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 64.83 ft (19.76 m) below TOC
Water elevation: 196.67 ft (59.95 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 34 gal
Time: 14:55
pH: 5.5
Alkalinity: 4 meq/L
Water temperature: 25.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	48	µS/cm	GE
1	Alkalinity	11,000	µg/L	GE
0	Aluminum	29	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	9.8	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,400	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.7	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	15	µg/L	GE
0	Magnesium	730	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,900	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	530	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	6,000	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	37	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	3.0±0.30	pCi/mL	GE

WELL IDP 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90
Depth to water: 52.72 ft (16.07 m) below TOC
Water elevation: 195.78 ft (59.67 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 21 gal
Time: 9:45
pH: 6.2
Alkalinity: 1 meq/L
Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.5	pH	GE
0	Specific conductance	48	µS/cm	GE
1	Alkalinity	15,000	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,300	µg/L	GE
0	Chloride	1,300	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.7	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	600	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE

ANALYTICAL RESULTS

WELL IDP 7 collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,880	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	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	1,100	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	70	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	3.7±0.30	pCi/mL	GE

WELL IDP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 Time: 10:40
Depth to water: 70.62 ft (21.53 m) below TOC pH: 5.8
Water elevation: 193.78 ft (59.06 m) msl Alkalinity: 7 meq/L
Sp. conductance: 25 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 22 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	25	µS/cm	GE
1	Alkalinity	9,000	µg/L	GE
0	Aluminum	24	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.3	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	43	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	520	µg/L	GE
0	Manganese	15	µg/L	GE
1	Mercury	0.82	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	6,400	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	8,000	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	31	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	5.3±0.30	pCi/mL	GE

WELL IDP 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 11:20
Depth to water: 73.92 ft (22.53 m) below TOC pH: 5.2
Water elevation: 197.98 ft (60.35 m) msl Alkalinity: 5 meq/L
Sp. conductance: 28 µS/cm Water temperature: 27.1°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	28	µS/cm	GE
1	Alkalinity	11,000	µg/L	GE
0	Aluminum	22	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	8.8	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	1,200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.8	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	15	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,200	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	580	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
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	25	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	3.8±0.30	pCi/mL	GE

WELL IDP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 10:10
The well was dry.

WELL IDQ 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 Time: 13:00
The well was dry.

WELL IDQ 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 11:00
Depth to water: Not available — pH: 6.0
Water elevation: Not available — Alkalinity: 29 meq/L
Sp. conductance: 35 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	GE
0	Specific conductance	51	µS/cm	GE
1	Alkalinity	21,000	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	3.5	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,400	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	450	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	53,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.4±2.8	pCi/L	GE
0	Tritium	3.8±0.30	pCi/mL	GE

WELL IDQ 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 — Time: 14:30
Depth to water: 41.48 ft (12.64 m) below TOC — pH: 5.8
Water elevation: 163.82 ft (49.93 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 46 µS/cm — Water temperature: 24.6°C
Water evacuated before sampling: 920 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.7	pH	MT
0	Specific conductance	49	µS/cm	GE
1	Specific conductance	102	µS/cm	MT
1	Alkalinity	7,000	µg/L	GE
1	Alkalinity	7,520	µg/L	MT
0	Aluminum	<20	µg/L	GE
0	Aluminum	27	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Barium	9.0	µg/L	GE
0	Barium	10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	4,300	µg/L	GE
0	Calcium	4,200	µg/L	MT
0	Chloride	1,800	µg/L	GE
0	Chloride	1,500	µg/L	MT

WELL IDQ 3A collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
2	Iron	1,100	µg/L	GE
2	Iron	1,400	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Magnesium	380	µg/L	GE
0	Magnesium	351	µg/L	MT
0	Manganese	12	µg/L	GE
0	Manganese	15	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	140	µg/L	GE
0	Nitrate as nitrogen	<300	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	723	µg/L	MT
1	Silica	11,000	µg/L	GE
1	Silica	11,400	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	940	µg/L	GE
0	Sodium	1,100	µg/L	MT
1	Sulfate	10,000	µg/L	GE
0	Sulfate	9,430	µg/L	MT
1	Total carbon	3,000	µg/L	GE
1	Total carbon	4,360	µg/L	MT
0	Total dissolved solids	44,000	µg/L	GE
0	Total dissolved solids	85,000	µg/L	MT
1	Total inorganic carbon	3,000	µg/L	GE
1	Total inorganic carbon	4,360	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	264	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Zinc	6.3	µg/L	GE
0	Zinc	9.2	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

WELL IDQ 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 — Time: 14:30
Depth to water: 41.48 ft (12.64 m) below TOC — pH: 5.8
Water elevation: 163.82 ft (49.93 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 46 µS/cm — Water temperature: 24.6°C
Water evacuated before sampling: 920 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	pH	5.6	pH	MT
0	Specific conductance	49	µS/cm	GE
0	Specific conductance	45	µS/cm	MT
1	Alkalinity	8,000	µg/L	GE
1	Alkalinity	7,520	µg/L	MT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Barium	8.8	µg/L	GE
0	Barium	10	µg/L	MT

WELL IDQ 3A collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	4,300	µg/L	GE
0	Calcium	4,170	µg/L	MT
0	Chloride	1,700	µg/L	GE
0	Chloride	1,490	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	MT
2	Iron	1,100	µg/L	GE
2	Iron	1,430	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Magnesium	400	µg/L	GE
0	Magnesium	354	µg/L	MT
0	Manganese	12	µg/L	GE
0	Manganese	15	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<300	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	832	µg/L	MT
1	Silica	11,000	µg/L	GE
1	Silica	11,400	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	980	µg/L	GE
0	Sodium	1,120	µg/L	MT
1	Sulfate	10,500	µg/L	GE
0	Sulfate	9,480	µg/L	MT
1	Total carbon	6,000	µg/L	GE
1	Total carbon	4,930	µg/L	MT
1	Total carbon	4,740	µg/L	MT
0	Total dissolved solids	43,000	µg/L	GE
0	Total dissolved solids	69,000	µg/L	MT
1	Total inorganic carbon	6,000	µg/L	GE
1	Total inorganic carbon	4,930	µg/L	MT
1	Total inorganic carbon	4,740	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	235	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Zinc	8.3	µg/L	GE
0	Zinc	8.5	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	2.8±2.9	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

WELL IDQ 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90
Depth to water: 70.44 ft (21.47 m) below TOC
Water elevation: 135.16 ft (41.20 m) msl
Sp. conductance: 117 µS/cm
Water evacuated before sampling: 70 gal
Time: 15:00
pH: 9.1
Alkalinity: 39 meq/L
Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.0	pH	GE
1	Specific conductance	122	µS/cm	GE
1	Alkalinity	47,000	µg/L	GE
1	Aluminum	150	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	35	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	11,000	µg/L	GE
0	Chloride	2,200	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	Fluoride	130	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	41	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	400	µg/L	GE
2	Manganese	82	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	220	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,000	µg/L	GE
1	Silica	17,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,700	µg/L	GE
0	Sulfate	9,100	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	80,000	µg/L	GE
1	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total phosphates	190	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	16	µg/L	GE
0	Gross alpha	2.4±1.8	pCi/L	GE
0	Nonvolatile beta	2.1±2.8	pCi/L	GE
0	Tritium	1.3±0.30	pCi/mL	GE

WELL IDQ 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90
Depth to water: 46.42 ft (14.15 m) below TOC
Water elevation: 160.08 ft (48.79 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 15:20
pH: 6.0
Alkalinity: 7 meq/L
Water temperature: 22.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	22	µS/cm	GE
1	Alkalinity	6,000	µg/L	GE
0	Aluminum	64	µg/L	GE
0	Antimony	<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	1,300	µg/L	GE
0	Chloride	2,200	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	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	65	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	210	µg/L	GE
0	Manganese	9.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL IDQ 3C collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
1	Total phosphates	410	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	26	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	3.2±0.30	pCi/mL	GE

WELL IDQ 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 Time: 12:50
Depth to water: 71.02 ft (21.65 m) below TOC pH: 9.1
Water elevation: 194.48 ft (59.28 m) msl Alkalinity: 26 meq/L
Sp. conductance: 71 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.2	pH	GE
0	Specific conductance	77	µS/cm	GE
1	Alkalinity	31,000	µg/L	GE
2	Aluminum	470	µg/L	GE
0	Antimony	<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	9,700	µg/L	GE
0	Chloride	2,200	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	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	33	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	130	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	1,100	µg/L	GE
1	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	49,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.2	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.3±2.1	pCi/L	GE
0	Tritium	4.5±0.30	pCi/mL	GE

WELL IDQ 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 Time: 12:10
The well was dry.

WELL IDQ 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 Time: 10:35
Depth to water: 70.17 ft (21.39 m) below TOC pH: 11.1
Water elevation: 187.93 ft (57.28 m) msl Alkalinity: 89 meq/L
Sp. conductance: 265 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	280	µS/cm	GE
1	Alkalinity	91,000	µg/L	GE
2	Aluminum	3,200	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	21,000	µg/L	GE
0	Chloride	1,500	µg/L	GE
1	Chromium	16	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.4	µg/L	GE
0	Fluoride	170	µg/L	GE
1	Iodine	100	µg/L	GE
0	Iron	26	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	24	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,900	µg/L	GE
1	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,400	µg/L	GE
0	Sulfate	4,200	µg/L	GE
1	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	113,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
1	Vanadium	42	µg/L	GE
0	Zinc	4.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	5.2±3.8	pCi/L	GE
0	Tritium	3.7±0.30	pCi/mL	GE

WELL IDQ 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 Time: 10:15
Depth to water: Not available pH: 7.0
Water elevation: Not available Alkalinity: 61 meq/L
Sp. conductance: 187 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.7	pH	GE
1	Specific conductance	199	µS/cm	GE
1	Alkalinity	102,000	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	46	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	18,000	µg/L	GE
0	Chloride	1,600	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,800	µg/L	GE
0	Manganese	3.1	µg/L	GE
1	Mercury	0.49	µg/L	GE

ANALYTICAL RESULTS

WELL IDQ 7 collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	17,000	µg/L	GE
0	Total dissolved solids	101,000	µg/L	GE
1	Total inorganic carbon	17,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Tritium	2.2±0.30	pCi/mL	GE

WELL IDQ 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 Time: 16:00
The well was dry.

WELL IDQ 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 Time: 15:50
The well was dry.

WELL IDQ 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 Time: 15:45
The well was dry.

WELL KAB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 Time: 11:55
Depth to water: 61.64 ft (18.79 m) below TOC pH: 5.5
Water elevation: 204.36 ft (62.29 m) msl Alkalinity: 23 meq/L
Sp. conductance: 298 µS/cm Water temperature: 23.0°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Iron	5,000	µg/L	GE
2	Manganese	570	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
1	Gross alpha	5.4±3.1	pCi/L	GE
2	Total radium	11±3.9	pCi/L	GE

WELL KAB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 Time: 12:15
Depth to water: 53.39 ft (16.27 m) below TOC pH: 4.9
Water elevation: 207.31 ft (63.19 m) msl Alkalinity: 1 meq/L
Sp. conductance: 80 µS/cm Water temperature: 22.6°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	23	µg/L	GE
2	Manganese	84	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	80	µg/L	GE
1	Gross alpha	6.0±3.8	pCi/L	GE
2	Total radium	6.1±3.3	pCi/L	GE

WELL KAB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 Time: 8:55
Depth to water: 48.14 ft (14.67 m) below TOC pH: 5.4
Water elevation: 201.96 ft (61.56 m) msl Alkalinity: 10 meq/L
Sp. conductance: 162 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Iron	170	µg/L	GE
0	Manganese	10	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
1	Gross alpha	7.8±3.4	pCi/L	GE
2	Total radium	7.3±3.3	pCi/L	GE

WELL KAB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 Time: 9:35
Depth to water: 53.44 ft (16.29 m) below TOC pH: 6.7
Water elevation: 200.96 ft (61.25 m) msl Alkalinity: 206 meq/L
Sp. conductance: 658 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	25	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Gross alpha	4.4±2.8	pCi/L	GE
2	Total radium	14±4.2	pCi/L	GE

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/90 Time: 14:40
Depth to water: 49.38 ft (15.05 m) below TOC pH: 5.1
Water elevation: 216.62 ft (66.03 m) msl Alkalinity: 5 meq/L
Sp. conductance: 1475 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 68 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.0	pH	MT
1	Specific conductance	1,710	µS/cm	GE
1	Specific conductance	1,700	µS/cm	MT
0	Turbidity	6.7	NTU	GE
0	Turbidity	1.2	NTU	MT
0	Turbidity	1.2	NTU	MT
0	Arsenic	<2.0	µg/L	GE

WELL KAC 1 collected on 08/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Arsenic	<3.0	µg/L	MT
0	Barium	8.8	µg/L	GE
0	Barium	12	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	4,900	µg/L	GE
0	Calcium	5,050	µg/L	MT
1	Chloride	27,400	µg/L	GE
1	Chloride	26,500	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	260	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	200	µg/L	GE
1	Iron	285	µg/L	MT
1	Lead	23	µg/L	GE
0	Lead	15	µg/L	MT
0	Magnesium	3,500	µg/L	GE
1	Magnesium	5,250	µg/L	MT
2	Manganese	58	µg/L	GE
2	Manganese	88	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	760	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	MT
0	Phenols	<5.0	µg/L	GE
1	Phenols	5.2	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	503	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	5,000	µg/L	GE
0	Silica	5,810	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
1	Sodium	270,000	µg/L	GE
1	Sodium	349,000	µg/L	MT
2	Sulfate	678,000	µg/L	GE
2	Sulfate	680,000	µg/L	MT
0	Total dissolved solids	1.04E+06	µg/L	GE
0	Total dissolved solids	40,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	6.0	µg/L	GE
1	Total organic halogens	18	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	41	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	6.2±3.0	pCi/L	GE
1	Gross alpha	7.4±2.7	pCi/L	MT
1	Nonvolatile beta	10±4.4	pCi/L	GE
1	Nonvolatile beta	10±3.9	pCi/L	MT
2	Total radium	17±4.6	pCi/L	GE
2	Total radium	5.7±0.60	pCi/L	MT
0	Tritium	2.4±0.30	pCi/mL	GE
0	Tritium	2.1±0.30	pCi/mL	MT

WELL KAC 1 collected on 08/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Specific conductance	1,510	µS/cm	MT
0	Turbidity	7.0	NTU	GE
0	Turbidity	1.8	NTU	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	9.4	µg/L	GE
0	Barium	10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	4,900	µg/L	GE
0	Calcium	4,290	µg/L	MT
1	Chloride	23,600	µg/L	GE
1	Chloride	25,500	µg/L	MT
1	Chloride	25,100	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	260	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	180	µg/L	GE
1	Iron	261	µg/L	MT
2	Lead	26	µg/L	GE
0	Lead	19	µg/L	MT
0	Magnesium	3,400	µg/L	GE
0	Magnesium	4,480	µg/L	MT
2	Manganese	57	µg/L	GE
2	Manganese	75	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	860	µg/L	GE
0	Nitrate as nitrogen	910	µg/L	MT
0	Nitrate as nitrogen	920	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	5,000	µg/L	GE
0	Silica	4,970	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
1	Sodium	280,000	µg/L	GE
1	Sodium	310,000	µg/L	MT
2	Sulfate	625,000	µg/L	GE
2	Sulfate	649,000	µg/L	MT
2	Sulfate	639,000	µg/L	MT
0	Total dissolved solids	951,000	µg/L	GE
0	Total dissolved solids	1.06E+06	µg/L	MT
0	Total dissolved solids	1.04E+06	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
1	Total organic halogens	19	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	5.2±2.9	pCi/L	GE
1	Gross alpha	7.4±2.7	pCi/L	MT
0	Nonvolatile beta	9.9±4.5	pCi/L	GE
1	Nonvolatile beta	11±3.9	pCi/L	MT
2	Total radium	18±4.7	pCi/L	GE
1	Total radium	4.8±0.50	pCi/L	MT
0	Tritium	2.2±0.30	pCi/mL	GE
0	Tritium	2.2±0.30	pCi/mL	MT

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/90
Depth to water: 49.38 ft (15.05 m) below TOC
Water elevation: 216.62 ft (66.03 m) msl
Sp. conductance: 1475 µS/cm
Water evacuated before sampling: 68 gal

Time: 14:40
pH: 5.1
Alkalinity: 5 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.0	pH	MT
0	pH	5.0	pH	MT
1	Specific conductance	1,560	µS/cm	GE
1	Specific conductance	1,500	µS/cm	MT

ANALYTICAL RESULTS

WELL KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/90 — Time: 13:55
Depth to water: 40.03 ft (12.20 m) below TOC — pH: 8.3
Water elevation: 217.47 ft (66.29 m) msl — Alkalinity: 64 meq/L
Sp. conductance: 447 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	GE
1	Specific conductance	460	µS/cm	GE
0	Turbidity	3.4	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	430	µg/L	GE
0	Chloride	7,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	270	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	<3.0	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	Nitrate as nitrogen	900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
2	Selenium	7.0	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	79,000	µg/L	GE
1	Sulfate	103,000	µg/L	GE
0	Total dissolved solids	266,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	7.5±0.40	pCi/mL	GE

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/90 — Time: 13:20
Depth to water: 38.94 ft (11.87 m) below TOC — pH: 7.9
Water elevation: 218.86 ft (66.71 m) msl — Alkalinity: 181 meq/L
Sp. conductance: 925 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.3	pH	GE
1	Specific conductance	1,010	µS/cm	GE
0	Turbidity	25	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	560	µg/L	GE
0	Chloride	9,600	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	440	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	37	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	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	2,800	µg/L	GE

WELL KAC 3 collected on 08/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
1	Sodium	160,000	µg/L	GE
2	Sulfate	209,000	µg/L	GE
0	Total dissolved solids	551,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	210	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	6.5±0.30	pCi/mL	GE

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/90 — Time: 12:00
Depth to water: 44.45 ft (13.55 m) below TOC — pH: 4.8
Water elevation: 215.55 ft (65.70 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 105 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.3	pH	GE
1	Specific conductance	101	µS/cm	GE
0	Turbidity	4.0	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	540	µg/L	GE
0	Chloride	9,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	49	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	260	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	250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	16,000	µg/L	GE
1	Sulfate	19,400	µg/L	GE
0	Total dissolved solids	52,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	1.2±0.20	pCi/mL	GE

WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/90 — Time: 12:55
Depth to water: 40.33 ft (12.29 m) below TOC — pH: 4.6
Water elevation: 218.67 ft (66.65 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 64 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	66	µS/cm	GE
0	Turbidity	1.6	NTU	GE
0	Arsenic	<2.0	µg/L	GE

WELL KAC 5 collected on 08/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	280	µg/L	GE
0	Chloride	7,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	140	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	<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	5,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	9,200	µg/L	GE
0	Sulfate	9,600	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.0±3.4	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL KAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90
Depth to water: 40.46 ft (12.33 m) below TOC
Water elevation: 218.54 ft (66.61 m) msl
Sp. conductance: 95 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 10:00
pH: 4.8
Alkalinity: 1 meq/L
Water temperature: 19.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	82	µS/cm	GE
0	Specific conductance	82	µS/cm	GE
0	Turbidity	121	NTU	GE
0	Turbidity	121	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.9	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	440	µg/L	GE
0	Calcium	470	µg/L	GE
0	Chloride	7,900	µg/L	GE
0	Chloride	7,500	µg/L	GE
1	Chromium	5.6	µg/L	GE
1	Chromium	5.9	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	57	µg/L	GE
0	Iron	66	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	6.2	µg/L	GE
0	Manganese	6.8	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	Nitrate as nitrogen	60	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL KAC 6 collected on 08/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,800	µg/L	GE
0	Silica	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	12,000	µg/L	GE
1	Sodium	13,000	µg/L	GE
1	Sulfate	17,600	µg/L	GE
1	Sulfate	18,100	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	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL KAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90
Depth to water: 48.22 ft (14.70 m) below TOC
Water elevation: 216.88 ft (66.11 m) msl
Sp. conductance: 662 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 10:25
pH: 5.5
Alkalinity: 21 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
1	Specific conductance	1,090	µS/cm	GE
0	Turbidity	63	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,000	µg/L	GE
1	Chloride	19,600	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
2	Iron	1,300	µg/L	GE
2	Lead	31	µg/L	GE
0	Magnesium	2,100	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	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	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	220,000	µg/L	GE
2	Sulfate	247,000	µg/L	GE
0	Total dissolved solids	713,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	3.2±2.4	pCi/L	GE
0	Nonvolatile beta	3.5±3.5	pCi/L	GE
1	Total radium	3.9±3.9	pCi/L	GE
0	Tritium	7.4±0.40	pCi/mL	GE

ANALYTICAL RESULTS

WELL KCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 Time: 11:35
Depth to water: 57.84 ft (17.63 m) below TOC pH: 4.9
Water elevation: 202.56 ft (61.74 m) msl Alkalinity: 1 meq/L
Sp. conductance: 165 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 3.0	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iron	25	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Manganese	9.4	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
1	Selenium	4.8	µg/L	MT
1	Sulfate	48,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT

WELL KCB 1 collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Gross alpha	4.4 ± 2.5	pCi/L	MT
0	Total radium	2.4 ± 0.50	pCi/L	MT
0	Tritium	5.8 ± 0.60	pCi/mL	MT

WELL KCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 Time: 11:05
Depth to water: 52.45 ft (15.99 m) below TOC pH: 4.3
Water elevation: 201.85 ft (61.56 m) msl Alkalinity: 0 meq/L
Sp. conductance: 50 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
2	Iron	728	µg/L	MT
0	Isophorone	< 10	µg/L	MT
1	Manganese	29	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT

WELL KCB 2 collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Sulfate	6,450	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
1	Gross alpha	12±4.0	pCi/L	MT
1	Total radium	2.7±0.60	pCi/L	MT
1	Tritium	14±2.0	pCi/mL	MT

WELL KCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 10:40
Depth to water: 47.42 ft (14.45 m) below TOC — pH: 3.7
Water elevation: 200.48 ft (61.11 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 502 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chrysene	<10	µg/L	MT

WELL KCB 3 collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Fluoride	410	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iron	134	µg/L	MT
0	Isophorone	<10	µg/L	MT
2	Manganese	2,040	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
2	Selenium	5.7	µg/L	MT
1	Sulfate	64,200	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
1	Gross alpha	13±4.0	pCi/L	MT
2	Total radium	16±2.0	pCi/L	MT
1	Tritium	13±2.0	pCi/mL	MT

ANALYTICAL RESULTS

WELL KCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 10:10
Depth to water: 53.43 ft (16.29 m) below TOC — pH: 6.3
Water elevation: 202.17 ft (61.62 m) msl — Alkalinity: 68 meq/L
Sp. conductance: 443 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo bl fluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chrysene	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	MT
0	Fluoride	250	µg/L	MT
0	Fluoride	250	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iron	24	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Manganese	1.1	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Sulfate	88,000	µg/L	MT
1	Sulfate	87,400	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	J 4.0	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT

WELL KCB 4 collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Total radium	1.3 ± 0.40	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	9.1 ± 1.0	pCi/mL	MT

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 13:15
Depth to water: 67.18 ft (20.48 m) below TOC — pH: 4.9
Water elevation: 205.92 ft (62.77 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 106 µS/cm — Water temperature: 26.7°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 4.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Iron	130	µg/L	MT
2	Lead	31	µg/L	MT
2	Manganese	956	µg/L	MT
2	Tetrachloroethylene	7.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic halogens	7.4	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Total activity	399 ± 4.5	pCi/mL	EM
2	Total radium	5.4 ± 0.80	pCi/L	MT
2	Tritium	330 ± 40	pCi/mL	MT
2	Tritium	330 ± 40	pCi/mL	MT

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 12:40
Depth to water: 68.77 ft (20.96 m) below TOC — pH: 4.9
Water elevation: 204.73 ft (62.40 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 52 µS/cm — Water temperature: 26.6°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Iron	5.3	µg/L	MT
2	Lead	36	µg/L	MT
2	Manganese	61	µg/L	MT
2	Tetrachloroethylene	5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	14	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Total activity	727±5.9	pCi/mL	EM
0	Total radium	1.4±0.40	pCi/L	MT
2	Tritium	590±60	pCi/mL	MT

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 13:35
Depth to water: 67.89 ft (20.69 m) below TOC — pH: 5.9
Water elevation: 205.51 ft (62.64 m) msl — Alkalinity: 43 meq/L
Sp. conductance: 181 µS/cm — Water temperature: 26.6°C
Water evacuated before sampling: 22 gal
The well went dry during purging

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Iron	142	µg/L	MT
0	Lead	17	µg/L	MT
1	Manganese	49	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
2	Total organic halogens	92	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	150	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT

WELL KDB 3 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Total radium	2.6±0.40	pCi/L	MT
2	Tritium	88±7.0	pCi/mL	MT

WELL KDT 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 13:50
Depth to water: 67.97 ft (20.72 m) below TOC — pH: 4.9
Water elevation: 205.03 ft (62.49 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 79 µS/cm — Water temperature: 26.8°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	72	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	120	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	670	µg/L	GE
2	Manganese	350	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nitrate as nitrogen	3,090	µg/L	GE
1	Oil & grease	3,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	730	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,200	µg/L	GE
0	Sulfate	1,300	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<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	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	2.0±2.1	pCi/L	GE
0	Nonvolatile beta	2.9	pCi/L	GE
1	Total activity	1,570±30	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
2	Tritium	1,760±4.4	pCi/mL	GE

ANALYTICAL RESULTS

WELL KRB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 Time: 8:40
Depth to water: 61.35 ft (18.70 m) below TOC pH: 5.6
Water elevation: 205.15 ft (62.53 m) msl Alkalinity: 8 meq/L
Sp. conductance: 35 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
2	Lead	156	µg/L	MT
0	Manganese	12	µg/L	MT
0	Nitrate as nitrogen	570	µg/L	MT
0	Nitrate as nitrogen	550	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Gross alpha	3.0±2.0	pCi/L	MT
0	Gross alpha	0.69±0.49	pCi/L	EM
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	1.2±0.80	pCi/L	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	33±4.0	pCi/mL	MT
2	Tritium	33±1.5	pCi/mL	EM

WELL KRB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 Time: 9:40
Depth to water: 60.36 ft (18.40 m) below TOC pH: 4.6
Water elevation: 207.54 ft (63.26 m) msl Alkalinity: 0 meq/L
Sp. conductance: 54 µS/cm Water temperature 24.8°C
Water evacuated before sampling: 18 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
2	Lead	146	µg/L	MT
0	Manganese	24	µg/L	MT
0	Nitrate as nitrogen	2,900	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	0.18±0.35	pCi/L	EM
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	1.2±0.70	pCi/L	EM
1	Total activity	3,730±640	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	3,100±400	pCi/mL	MT
2	Tritium	3,600±390	pCi/mL	EM

WELL KRB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 Time: 8:15
The well was dry.

WELL KRB 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 Time: 8:05
Depth to water: 79.75 ft (24.31 m) below TOC
Water elevation: 202.75 ft (61.80 m) msl
Inaccessibility or pump failure prevented sample collection

WELL KRB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 Time: 7:45
Depth to water: 65.85 ft (20.07 m) below TOC
Water elevation: 203.75 ft (62.10 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL KRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 Time: 14:10
Depth to water: 46.28 ft (14.11 m) below TOC pH: 3.5
Water elevation: 217.62 ft (66.33 m) msl Alkalinity: 0 meq/L
Sp. conductance: 39 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	Iron	110	µg/L	GE
1	Lead	23	µg/L	GE
0	Manganese	12	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	GE

WELL KRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 Time: 14:35
Depth to water: 38.81 ft (11.83 m) below TOC pH: 3.6
Water elevation: 217.29 ft (66.23 m) msl Alkalinity: 0 meq/L
Sp. conductance: 28 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	19	µg/L	GE
2	Lead	46	µg/L	GE
0	Manganese	3.6	µg/L	GE
0	Silica	6,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL KRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 Time: 15:05
Depth to water: 36.61 ft (11.16 m) below TOC pH: 3.3
Water elevation: 217.89 ft (66.41 m) msl Alkalinity: 0 meq/L
Sp. conductance: 19 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	89	µg/L	GE
1	Lead	21	µg/L	GE
1	Manganese	35	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE

WELL KRP 3 collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL KRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 15:35
Depth to water: 38.96 ft (11.88 m) below TOC — pH: 3.4
Water elevation: 216.64 ft (66.03 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 81 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 86 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	4.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Manganese	55	µg/L	GE
0	Silica	6,000	µg/L	GE
2	Tetrachloroethylene	33	µg/L	GE
2	Total organic halogens	75	µg/L	GE
0	Total phosphates	<50	µg/L	GE
2	Trichloroethylene	81	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL KSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 11:00
Depth to water: 65.30 ft (19.90 m) below TOC — pH: 5.0
Water elevation: 202.10 ft (61.60 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 37 µS/cm — Water temperature: 26.7°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
2	Tetrachloroethylene	27	µg/L	MT
2	Total organic halogens	65	µg/L	MT
2	Trichloroethylene	21	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<0.034	pCi/mL	EM
0	Cerium-144	<0.084	pCi/mL	EM
0	Cesium-134	<0.017	pCi/mL	EM
0	Cesium-137	<0.017	pCi/mL	EM
0	Chromium-51	<0.11	pCi/mL	EM
0	Cobalt-60	<0.014	pCi/mL	EM
0	Gross alpha	0.55±0.46	pCi/L	EM
0	Iodine-131	<0.019	pCi/mL	EM
0	Niobium-95	<0.014	pCi/mL	EM
0	Nonvolatile beta	1.0±0.89	pCi/L	EM
0	Ruthenium-103	<0.013	pCi/mL	EM
0	Ruthenium-106	<0.13	pCi/mL	EM
0	Strontium-89/90	-0.58±0.72	pCi/L	EM
1	Total activity	4,160±50	pCi/mL	EM
2	Tritium	3,900±400	pCi/mL	MT
2	Tritium	4,160±40	pCi/mL	EM
0	Zirconium-95	<0.024	pCi/mL	EM

WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 11:20
Depth to water: 64.10 ft (19.54 m) below TOC — pH: 4.9
Water elevation: 201.70 ft (61.48 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 26.0°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<0.034	pCi/mL	EM
0	Cerium-144	<0.088	pCi/mL	EM
0	Cesium-134	<0.014	pCi/mL	EM
0	Cesium-137	<0.014	pCi/mL	EM
0	Chromium-51	<0.10	pCi/mL	EM
0	Cobalt-60	<0.017	pCi/mL	EM
0	Gross alpha	0.73±0.51	pCi/L	EM
0	Iodine-131	<0.017	pCi/mL	EM
0	Niobium-95	<0.013	pCi/mL	EM
0	Nonvolatile beta	1.4±0.98	pCi/L	EM
0	Ruthenium-103	<0.011	pCi/mL	EM
0	Ruthenium-106	<0.11	pCi/mL	EM
0	Strontium-89/90	0.28±0.87	pCi/L	EM
2	Tritium	31±4.0	pCi/mL	MT
2	Tritium	37±1.5	pCi/mL	EM
0	Zirconium-95	<0.021	pCi/mL	EM

WELL KSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 11:45
Depth to water: 60.52 ft (18.45 m) below TOC — pH: 4.7
Water elevation: 200.98 ft (61.26 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 37 µS/cm — Water temperature: 28.9°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
1	Tetrachloroethylene	4.6	µg/L	MT
2	Total organic halogens	32	µg/L	MT
2	Trichloroethylene	12	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<0.034	pCi/mL	EM
0	Cerium-144	<0.082	pCi/mL	EM
0	Cesium-134	<0.013	pCi/mL	EM
0	Cesium-137	<0.017	pCi/mL	EM
0	Chromium-51	<0.10	pCi/mL	EM
0	Cobalt-60	<0.016	pCi/mL	EM
0	Gross alpha	0.82±0.53	pCi/L	EM
0	Iodine-131	<0.015	pCi/mL	EM
0	Niobium-95	<0.014	pCi/mL	EM
0	Nonvolatile beta	2.0±1.1	pCi/L	EM
0	Ruthenium-103	<0.014	pCi/mL	EM
0	Ruthenium-106	<0.14	pCi/mL	EM
0	Strontium-89/90	0.30±0.92	pCi/L	EM
1	Total activity	990±6.7	pCi/mL	EM
2	Tritium	790±80	pCi/mL	MT
2	Tritium	989±6.6	pCi/mL	EM
0	Zirconium-95	<0.028	pCi/mL	EM

ANALYTICAL RESULTS

WELL KSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 10:40
Depth to water: 62.04 ft (18.91 m) below TOC — pH: 4.8
Water elevation: 202.06 ft (61.59 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 30 µS/cm — Water temperature: 25.0°C
Water evacuated before sampling: 86 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
2	Tetrachloroethylene	8.8	µg/L	MT
2	Total organic halogens	33	µg/L	MT
2	Trichloroethylene	15	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<0.051	pCi/mL	EM
0	Cerium-144	<0.14	pCi/mL	EM
0	Cesium-134	<0.019	pCi/mL	EM
0	Cesium-137	<0.020	pCi/mL	EM
0	Chromium-51	<0.45	pCi/mL	EM
0	Cobalt-60	<0.021	pCi/mL	EM
0	Gross alpha	1.7±0.94	pCi/L	EM
0	Iodine-131	<0.82	pCi/mL	EM
0	Niobium-95	<0.043	pCi/mL	EM
0	Nonvolatile beta	1.2±0.74	pCi/l	EM
0	Ruthenium-103	<0.037	pCi/mL	EM
0	Ruthenium-106	<0.18	pCi/mL	EM
0	Strontium-89/90	0.58±1.5	pCi/L	EM
1	Total activity	2.6E+5±770	pCi/mL	EM
2	Tritium	1.8E+5±20000	pCi/mL	MT
2	Tritium	1.7E+5±20000	pCi/mL	MT
2	Tritium	2.4E+5±1100	pCi/mL	EM
2	Tritium	2.6E+5±760	pCi/mL	EM
0	Zirconium-95	<0.049	pCi/mL	EM

WELL KSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 — Time: 11:10
Depth to water: 57.43 ft (17.50 m) below TOC — pH: 5.4
Water elevation: 172.37 ft (52.54 m) msl — Alkalinity: 14 meq/L
Sp. conductance: 53 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	5.9	pH	MT
0	pH	5.9	pH	MT
0	Specific conductance	57	µS/cm	GE
0	Specific conductance	62	µS/cm	MT
0	Specific conductance	61	µS/cm	MT
0	Aluminum	<20	µg/L	GE
0	Aluminum	51	µg/L	MT
0	Chloride	2,700	µg/L	GE
0	Chloride	3,100	µg/L	MT
0	Iron	4.5	µg/L	GE
0	Iron	10	µg/L	MT
0	Manganese	8.5	µg/L	GE
0	Manganese	11	µg/L	MT
0	Nitrate as nitrogen	520	µg/L	GE
0	Nitrate as nitrogen	560	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	2,050	µg/L	MT
0	Sodium	1,900	µg/L	GE
0	Sodium	2,180	µg/L	MT
0	Total dissolved solids	37,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	MT
0	Total dissolved solids	39,000	µg/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT

WELL KSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 — Time: 11:10
Depth to water: 57.43 ft (17.50 m) below TOC — pH: 5.4
Water elevation: 172.37 ft (52.54 m) msl — Alkalinity: 14 meq/L
Sp. conductance: 53 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	pH	6.2	pH	GE
0	pH	5.8	pH	MT
0	Specific conductance	59	µS/cm	GE
0	Specific conductance	59	µS/cm	GE
0	Specific conductance	59	µS/cm	MT
0	Aluminum	25	µg/L	GE
0	Aluminum	22	µg/L	GE
0	Aluminum	58	µg/L	MT
0	Chloride	2,800	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chloride	3,120	µg/L	MT
0	Iron	24	µg/L	GE
0	Iron	20	µg/L	GE
0	Iron	10	µg/L	MT
0	Manganese	8.5	µg/L	GE
0	Manganese	8.1	µg/L	GE
0	Manganese	9.4	µg/L	MT
0	Nitrate as nitrogen	530	µg/L	GE
0	Nitrate as nitrogen	540	µg/L	GE
0	Nitrate as nitrogen	600	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	2,050	µg/L	MT
0	Sodium	1,900	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sodium	2,030	µg/L	MT
0	Total dissolved solids	44,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total dissolved solids	42,000	µg/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	1.0±3.1	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT

WELL KSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 13:00
Depth to water: 30.21 ft (9.21 m) below TOC — pH: 4.6
Water elevation: 182.00 ft (49.41 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	53	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Iron	130	µg/L	GE
1	Manganese	42	µg/L	GE
0	Nitrate as nitrogen	530	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL KSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 13:30
Depth to water: 23.84 ft (7.21 m) below TOC — pH: 5.0
Water elevation: 161.56 ft (49.24 m) msl — Alkalinity: 13 meq/L
Sp. conductance: 51 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Aluminum	54	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Iron	130	µg/L	GE
0	Manganese	9.2	µg/L	GE
0	Nitrate as nitrogen	430	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL LAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 12:50
Depth to water: 26.49 ft (8.07 m) below TOC — pH: 4.8
Water elevation: 211.71 ft (64.53 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 25.6°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Chloroform	1.0	µg/L	GE
1	Copper	32	µg/L	GE
1	Copper	30	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL LAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 13:20
Depth to water: 27.78 ft (8.46 m) below TOC — pH: 5.0
Water elevation: 212.44 ft (64.75 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 28.1°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloroform	1.0	µg/L	GE
2	Copper	570	µg/L	GE
2	Lead	54	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
1	Total organic halogens	11	µg/L	GE
0	Total phosphates	<50	µg/L	GE
2	Trichloroethylene	15	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL LAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 14:10
Depth to water: 25.75 ft (7.85 m) below TOC — pH: 9.1
Water elevation: 212.05 ft (64.63 m) msl — Alkalinity: 111 meq/L
Sp. conductance: 319 µS/cm — Water temperature: 28.4°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.3	pH	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Tetrachloroethylene	20	µg/L	GE
1	Total organic halogens	13	µg/L	GE
0	Total phosphates	50	µg/L	GE
2	Trichloroethylene	7.0	µg/L	GE
1	1,1,1-Trichloroethane	1.0	µg/L	GE

WELL LAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 12:20
Depth to water: 25.32 ft (7.72 m) below TOC — pH: 8.6
Water elevation: 211.78 ft (64.55 m) msl — Alkalinity: 62 meq/L
Sp. conductance: 248 µS/cm — Water temperature: 27.5°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloroform	2.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL LCO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 15:45
Depth to water: 34.21 ft (10.43 m) below TOC — pH: 5.6
Water elevation: 206.49 ft (62.94 m) msl — Alkalinity: 7 meq/L
Sp. conductance: 88 µS/cm — Water temperature: 27.2°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Manganese	7.2	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Sulfate	2,090	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL LCO 1 collected on 08/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Nonvolatile beta	310±40	pCi/L	MT
1	Total activity	813±8.3	pCi/mL	EM
2	Tritium	530±60	pCi/mL	MT

WELL LCO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90
Depth to water: 29.30 ft (8.93 m) below TOC
Water elevation: 212.30 ft (64.71 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 42 gal
Time: 15:00
pH: 4.3
Alkalinity: 0 meq/L
Water temperature: 26.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
J	pH	4.4	pH	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Manganese	1.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<3.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Tritium	5.8±0.60	pCi/mL	MT

WELL LCO 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90
Depth to water: 29.50 ft (8.99 m) below TOC
Water elevation: 211.90 ft (64.59 m) msl
Sp. conductance: 384 µS/cm
Water evacuated before sampling: 42 gal
Time: 17:00
pH: 9.7
Alkalinity: 143 meq/L
Water temperature: 25.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.8	pH	MT
2	pH	9.8	pH	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT

WELL LCO 3 collected on 08/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Sulfate	9,050	µg/L	MT
0	Sulfate	9,010	µg/L	MT
2	Tetrachloroethylene	19	µg/L	MT
0	Toluene	<5.0	µg/L	MT
2	Total organic halogens	28	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	12	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Nonvolatile beta	<7.0	pCi/L	MT
0	Tritium	5.8±0.60	pCi/mL	MT

WELL LCO 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90
Depth to water: 29.50 ft (8.99 m) below TOC
Water elevation: 207.70 ft (63.31 m) msl
Sp. conductance: 843 µS/cm
Water evacuated before sampling: 42 gal
Time: 15:35
pH: 4.8
Alkalinity: 0 meq/L
Water temperature: 28.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
2	Manganese	71	µg/L	MT
2	Mercury	1.7	µg/L	MT
2	Sulfate	342,000	µg/L	MT
2	Tetrachloroethylene	27	µg/L	MT
0	Toluene	<5.0	µg/L	MT
2	Total organic halogens	40	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
2	Tritium	44±5.0	pCi/mL	MT

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 — Time: 11:55
Depth to water: 39.62 ft (12.08 m) below TOC — pH: 4.4
Water elevation: 213.28 ft (65.01 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 45 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
2	Lead	61	µg/L	MT
1	Tetrachloroethylene	4.9	µg/L	MT
0	Total organic halogens	9.7	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 — Time: 11:45
Depth to water: 38.13 ft (11.62 m) below TOC — pH: 4.8
Water elevation: 213.77 ft (65.18 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 71 µS/cm — Water temperature: 24.1°C
Water evacuated before sampling: 24 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
2	Lead	30	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
2	Total organic halogens	81	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT

WELL LFW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 12:05
Depth to water: 17.57 ft (5.36 m) below TOC — pH: 4.4
Water elevation: 154.13 ft (46.98 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 15 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	12	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.7	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,070	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	78	µg/L	MT
0	Iron	85	µg/L	MT
0	Lead	8.4	µg/L	MT
0	Manganese	1.7	µg/L	MT
0	Mercury	<0.20	µg/L	MT

WELL LFW 6 collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	1,240	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL LFW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 11:30
Depth to water: 18.84 ft (5.74 m) below TOC — pH: 6.3
Water elevation: 152.56 ft (46.50 m) msl — Alkalinity: 181 meq/L
Sp. conductance: 465 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	MT
1	Specific conductance	328	µS/cm	MT
1	Arsenic	24	µg/L	MT
0	Barium	17	µg/L	MT
1	Benzene	5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	34,400	µg/L	MT
1	Chlorobenzene	19	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
1	Ethylbenzene	18	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	41,700	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	9.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	8.0	µg/L	MT
1	Total organic carbon	8,080	µg/L	MT
2	Total organic halogens	165	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Xylenes	28	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 7 collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	1,1-Dichloroethane	26	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	4.4±2.4	pCi/L	MT
0	Nonvolatile beta	7.3±3.9	pCi/L	MT
1	Total radium	3.4±0.50	pCi/L	MT
1	Tritium	11±2.0	pCi/mL	MT

WELL LFW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 21.20 ft (6.46 m) below TOC
Water elevation: 149.30 ft (45.51 m) msl
Sp. conductance: 512 µS/cm
Water evacuated before sampling: 40 gal

Time: 16:55
pH: 6.7
Alkalinity: 210 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.5	pH	MT
1	Specific conductance	312	µS/cm	MT
1	Arsenic	18	µg/L	MT
0	Barium	4.0	µg/L	MT
1	Benzene	5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	22,500	µg/L	MT
1	Chlorobenzene	J 3.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	18	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
1	Ethylbenzene	48	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	56,600	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Manganese	35	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	9.0	µg/L	MT
1	Total organic carbon	8,380	µg/L	MT
2	Total organic halogens	410	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	310	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
1	Trichloroethylene	J 2.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Xylenes	28	µg/L	MT
1	1,1-Dichloroethane	94	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	0.090	µg/L	MT
1	Gross alpha	7.4±2.8	pCi/L	MT
1	Nonvolatile beta	14±4.0	pCi/L	MT
2	Total radium	6.1±0.80	pCi/L	MT
0	Tritium	8.7±0.90	pCi/mL	MT

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90
Depth to water: 23.99 ft (7.31 m) below TOC
Water elevation: 151.51 ft (46.18 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 60 gal

Time: 11:05
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	43	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	6.1	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	8,720	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 62	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	58	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	1.4	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	820	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	1,620	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	2,860	µg/L	MT
2	Total organic halogens	178	µg/L	MT
2	Total organic halogens	178	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	19	µg/L	MT
1	Trichlorofluoromethane	160	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
1	1,1-Dichloroethane	49	µg/L	MT
1	1,1-Dichloroethylene	5.0	µg/L	MT
1	1,1,1-Trichloroethane	52	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	2.1±0.40	pCi/L	MT
2	Tritium	54±6.0	pCi/mL	MT

WELL LFW 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 — Time: 10:55
Depth to water: 24.65 ft (7.51 m) below TOC — pH: 3.9
Water elevation: 154.15 ft (46.99 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 32 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	43	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	8.7	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,800	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	55	µg/L	MT
0	Lead	18	µg/L	MT
0	Manganese	1.1	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	1,490	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	J 3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	39	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	J 4.0	µg/L	MT
1	Trichlorofluoromethane	48	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
1	1,1-Dichloroethane	16	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	10	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	3.9±2.0	pCi/L	MT
0	Nonvolatile beta	6.8±3.1	pCi/L	MT
0	Total radium	2.1±0.30	pCi/L	MT
0	Tritium	3.4±0.40	pCi/mL	MT

WELL LFW 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 13:05
Depth to water: 24.08 ft (7.34 m) below TOC — pH: 5.9
Water elevation: 153.72 ft (46.85 m) msl — Alkalinity: 87 meq/L
Sp. conductance: 259 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
1	Specific conductance	166	µS/cm	MT
1	Arsenic	12	µg/L	MT

WELL LFW 17 collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	6.4	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	19,600	µg/L	MT
1	Chlorobenzene	5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 6.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
1	Ethylbenzene	6.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	36,000	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	19	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	2,340	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	6.0	µg/L	MT
0	Total organic carbon	3,860	µg/L	MT
2	Total organic halogens	125	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	130	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Xylenes	J 9.0	µg/L	MT
1	1,1-Dichloroethane	28	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
1	2,4,5-TP (Silvex)	0.21	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	1.4±0.30	pCi/L	MT
0	Tritium	5.9±0.60	pCi/mL	MT

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 12:40
Depth to water: 21.15 ft (6.45 m) below TOC — pH: 6.0
Water elevation: 154.25 ft (47.02 m) msl — Alkalinity: 123 meq/L
Sp. conductance: 310 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 65 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	MT
1	Specific conductance	134	µS/cm	MT
1	Arsenic	16	µg/L	MT
0	Barium	5.4	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	15,000	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 18 collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 5.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
1	Ethylbenzene	12	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	51,400	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Manganese	29	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	8.0	µg/L	MT
0	Total organic carbon	3,810	µg/L	MT
2	Total organic halogens	197	µg/L	MT
2	Total organic halogens	196	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	180	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Xylenes	17	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	5.2±2.4	pCi/L	MT
0	Nonvolatile beta	7.2±3.7	pCi/L	MT
0	Total radium	1.8±0.40	pCi/L	MT
0	Tritium	7.8±0.80	pCi/mL	MT

WELL LFW 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90
Depth to water: 22.48 ft (6.85 m) below TOC
Water elevation: 154.22 ft (47.01 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 64 gal

Time: 14:00
pH: 4.1
Alkalinity: 0 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.2	pH	MT
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	15	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	2.9	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,200	µg/L	GE
0	Chloride	2,250	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE

WELL LFW 18 collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	B 9.0	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
1	Ethylbenzene	4.0	µg/L	GE
1	Ethylbenzene	J 3.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	77	µg/L	GE
0	Iron	85	µg/L	MT
0	Lead	6.0	µg/L	GE
0	Lead	13	µg/L	MT
0	Manganese	2.1	µg/L	GE
0	Manganese	2.5	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	240	µg/L	GE
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sulfate	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,330	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Xylenes	23	µg/L	GE
1	Xylenes	12	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	3.4±1.9	pCi/L	MT
0	Nonvolatile beta	4.5±3.8	pCi/L	GE
0	Nonvolatile beta	7.6±3.5	pCi/L	MT
2	Total radium	5.6±4.2	pCi/L	GE
0	Total radium	2.2±0.40	pCi/L	MT
0	Tritium	4.2±0.30	pCi/mL	GE
0	Tritium	3.3±0.40	pCi/mL	MT

WELL LFW 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 14:00
Depth to water: 22.48 ft (6.85 m) below TOC — pH: 4.1
Water elevation: 154.22 ft (47.01 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 18 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	pH	5.2	pH	MT
0	Specific conductance	19	µS/cm	GE
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	14	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	2.7	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
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	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,200	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chloride	2,190	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	<5.0	µg/L	MT
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	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
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	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
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	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
1	Ethylbenzene	3.0	µg/L	GE
1	Ethylbenzene	3.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	150	µg/L	GE
1	Iron	150	µg/L	GE
0	Iron	63	µg/L	MT
0	Lead	7.0	µg/L	GE
0	Lead	7.0	µg/L	GE

WELL LFW 19 collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	11	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	2.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	220	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sulfate	1,400	µg/L	GE
0	Sulfate	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	1.0	µg/L	GE
1	Toluene	1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,060	µg/L	MT
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	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
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	MT
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	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Xylenes	20	µg/L	GE
1	Xylenes	19	µg/L	GE
1	Xylenes	5.0	µg/L	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	<0.46	µg/L	MT
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)	<0.070	µg/L	MT
0	Gross alpha	4.0±2.6	pCi/L	GE
1	Gross alpha	5.6±3.0	pCi/L	GE
0	Gross alpha	3.3±1.8	pCi/L	MT
0	Nonvolatile beta	8.1±4.2	pCi/L	GE
1	Nonvolatile beta	11±4.5	pCi/L	GE
0	Nonvolatile beta	8.2±3.4	pCi/L	MT
1	Total radium	3.7±4.0	pCi/L	GE

ANALYTICAL RESULTS

WELL LFW 19 collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total radium	3.6±4.0	pCi/L	GE
0	Total radium	1.8±0.40	pCi/L	MT
0	Tritium	4.5±0.30	pCi/mL	GE
0	Tritium	4.6±0.30	pCi/mL	GE
0	Tritium	3.4±0.40	pCi/mL	MT

WELL LFW 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90
Depth to water: 22.63 ft (6.90 m) below TOC
Water elevation: 151 27 ft (46.24 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 62 gal
Time: 10:55
pH: 3.9
Alkalinity: 0 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	19	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.2	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,390	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	26	µg/L	MT
0	Lead	5.0	µg/L	MT
0	Manganese	1.2	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	3.9±2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	2.1±0.60	pCi/L	MT
0	Tritium	3.1±0.40	pCi/mL	MT

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90
Depth to water: 25.63 ft (7.81 m) below TOC
Water elevation: 150.57 ft (45.89 m) msl
Sp. conductance: 303 µS/cm
Water evacuated before sampling: 55 gal
Time: 13:05
pH: 5.1
Alkalinity: 68 meq/L
Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
1	Specific conductance	270	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	9.7	µg/L	MT
1	Benzene	8.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	17,600	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 450	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
1	Ethylbenzene	14	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	14,500	µg/L	MT
2	Iron	14,500	µg/L	MT
0	Lead	<2.0	µg/L	MT
2	Manganese	384	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sulfate	30,200	µg/L	MT
2	Tetrachloroethylene	24	µg/L	MT
1	Toluene	9.0	µg/L	MT
1	Total organic carbon	5,040	µg/L	MT
2	Total organic halogens	488	µg/L	MT
2	Total organic halogens	488	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	94	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	34	µg/L	MT
1	Trichlorofluoromethane	260	µg/L	MT
1	Xylenes	54	µg/L	MT
1	1,1-Dichloroethane	140	µg/L	MT
1	1,1-Dichloroethylene	10	µg/L	MT
1	1,1,1-Trichloroethane	28	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	13±4.0	pCi/L	MT
0	Nonvolatile beta	<7.0	pCi/L	MT
1	Total radium	2.6±0.40	pCi/L	MT
0	Tritium	9.2±1.0	pCi/mL	MT

WELL LFW 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 — Time: 12:35
Depth to water: 23.69 ft (7.22 m) below TOC — pH: 4.2
Water elevation: 150.51 ft (45.88 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 127 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
1	Specific conductance	121	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	17	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	10,400	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	57	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
1	Ethylbenzene	55	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	6,360	µg/L	MT
2	Iron	6,920	µg/L	MT
0	Lead	7.6	µg/L	MT
0	Manganese	21	µg/L	MT
0	Manganese	23	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sulfate	25,100	µg/L	MT
1	Tetrachloroethylene	J 3.0	µg/L	MT
1	Toluene	35	µg/L	MT
1	Total organic carbon	6,480	µg/L	MT
2	Total organic halogens	492	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	11	µg/L	MT
0	Trichlorofluoromethane	<100	µg/L	MT
1	Xylenes	159	µg/L	MT
1	1,1-Dichloroethane	43	µg/L	MT
1	1,1-Dichloroethylene	7.0	µg/L	MT
1	1,1,1-Trichloroethane	38	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
2	Gross alpha	21±4.0	pCi/L	MT
1	Nonvolatile beta	18±4.0	pCi/L	MT
1	Total radium	4.3±0.50	pCi/L	MT
0	Tritium	4.6±0.50	pCi/mL	MT

WELL LFW 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 — Time: 12:00
Depth to water: 20.67 ft (6.30 m) below TOC — pH: 3.8
Water elevation: 151.13 ft (46.08 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 17 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 69 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	pH	4.8	pH	MT
0	Specific conductance	69	µS/cm	MT
0	Specific conductance	69	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.1	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,200	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	34	µg/L	MT
0	Lead	8.4	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	18	µg/L	MT
1	Total organic halogens	17	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
1	Trichlorofluoromethane	13	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.5±0.30	pCi/L	MT
0	Tritium	3.4±0.40	pCi/mL	MT

ANALYTICAL RESULTS

WELL LFW 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 — Time: 11:25
Depth to water: 16.91 ft (5.15 m) below TOC — pH: 3.9
Water elevation: 154.39 ft (47.06 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 16 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	33	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.3	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,860	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	37	µg/L	MT
0	Lead	7.5	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.3±0.30	pCi/L	MT
0	Tritium	2.1±0.30	pCi/mL	MT

WELL LFW 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 — Time: 10:20
Depth to water: 17.34 ft (5.29 m) below TOC — pH: 4.1
Water elevation: 157.36 ft (47.96 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 15 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 91 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	50	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT

WELL LFW 25 collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	5.3	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,600	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	17	µg/L	MT
0	Lead	4.4	µg/L	MT
0	Manganese	2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	1,250	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	5.6±3.5	pCi/L	MT
0	Total radium	1.9±0.30	pCi/L	MT
0	Tritium	2.6±0.30	pCi/mL	MT

WELL LFW 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90 — Time: 10:25
Depth to water: 26.78 ft (8.16 m) below TOC — pH: 4.2
Water elevation: 160.12 ft (48.81 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 13 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	17	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.4	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,150	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT

WELL LFW 26 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	9.6	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	1.2	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.3±0.40	pCi/L	MT
0	Tritium	2.8±0.30	pCi/mL	MT

WELL LFW 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90
Depth to water: 28.72 ft (8.75 m) below TOC
Water elevation: 160.88 ft (49.04 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 49 gal
Time: 9:55
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	21	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,240	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	217	µg/L	MT
0	Lead	2.5	µg/L	MT
0	Manganese	7.2	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	490	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT

WELL LFW 27 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	2,080	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	2.1±0.30	pCi/mL	MT

WELL LFW 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90
Depth to water: 30.50 ft (9.30 m) below TOC
Water elevation: 162.30 ft (49.47 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 14:30
pH: 4.3
Alkalinity: 0 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	24	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	8.4	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,680	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	49	µg/L	MT
0	Lead	4.3	µg/L	MT
0	Manganese	9.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 28 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.7±0.40	pCi/L	MT
0	Tritium	2.3±0.30	pCi/mL	MT

WELL LFW 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90
Depth to water: 32.08 ft (9.78 m) below TOC
Water elevation: 163.62 ft (49.87 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 52 gal
Time: 14:05
pH: 3.8
Alkalinity: 0 meq/L
Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	32	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	8.1	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,940	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	25	µg/L	MT
0	Lead	3.1	µg/L	MT
0	Manganese	4.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	860	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	1,250	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total radium	4.3±0.70	pCi/L	MT
0	Tritium	2.3±0.30	pCi/mL	MT

WELL LFW 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90
Depth to water: 47.25 ft (14.40 m) below TOC
Water elevation: 163.55 ft (49.85 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 49 gal
Time: 13:10
pH: 4.9
Alkalinity: 5 meq/L
Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.8	pH	MT
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	37	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.8	µg/L	GE
0	Barium	4.7	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,100	µg/L	GE
0	Chloride	1,060	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	8.3	µg/L	GE
0	Iron	7.8	µg/L	MT
0	Lead	8.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Manganese	4.4	µg/L	GE
0	Manganese	5.0	µg/L	MT
0	Mercury	0.33	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	270	µg/L	GE
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE

WELL LFW 30 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	2.3±2.2	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.4±2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.1±0.30	pCi/mL	GE
0	Tritium	2.6±0.30	pCi/mL	MT

WELL LFW 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90 — Time: 13:10
Depth to water: 47.25 ft (14.40 m) below TOC — pH: 4.9
Water elevation: 163.55 ft (49.85 m) msl — Alkalinity: 5 meq/L
Sp. conductance: 21 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.8	pH	MT
0	pH	5.8	pH	MT
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	24	µS/cm	MT
0	Specific conductance	25	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	7.5	µg/L	GE
0	Barium	4.7	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,100	µg/L	GE
0	Chloride	1,070	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT

WELL LFW 30 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	22	µg/L	GE
0	Iron	9.4	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	2.7	µg/L	MT
0	Manganese	5.2	µg/L	GE
0	Manganese	4.9	µg/L	MT
0	Mercury	0.28	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	250	µg/L	GE
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	2.9±2.3	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.7±2.1	pCi/L	GE
0	Total radium	1.1±0.40	pCi/L	MT
0	Tritium	3.0±0.30	pCi/mL	GE
0	Tritium	2.6±0.30	pCi/mL	MT

ANALYTICAL RESULTS

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90 — Time: 15:35
Depth to water: 66.90 ft (20.39 m) below TOC — pH: 4.3
Water elevation: 162.80 ft (49.62 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 19 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	Specific conductance	27	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.1	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,620	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	8.4	µg/L	MT
0	Iron	11	µg/L	MT
0	Lead	3.3	µg/L	MT
0	Manganese	3.7	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	1,270	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.9±0.20	pCi/mL	MT

WELL LFW 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90 — Time: 12:20
Depth to water: 63.26 ft (19.28 m) below TOC — pH: 4.2
Water elevation: 160.84 ft (49.02 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 18 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	18	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.6	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,220	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	19	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	1.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	8.2	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	5.6±3.4	pCi/L	MT
0	Total radium	1.1±0.40	pCi/L	MT
0	Tritium	2.9±0.30	pCi/mL	MT

WELL LFW 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90 — Time: 11:50
Depth to water: 54.42 ft (16.59 m) below TOC — pH: 3.9
Water elevation: 159.68 ft (48.67 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 18 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	20	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT

WELL LFW 33 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	2.7	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,750	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	9.7	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	6.0±2.3	pCi/L	MT
0	Nonvolatile beta	6.2±3.5	pCi/L	MT
1	Total radium	2.9±0.60	pCi/L	MT
0	Tritium	3.1±0.40	pCi/mL	MT

WELL LFW 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90
Depth to water: 42.88 ft (13.07 m) below TOC
Water elevation: 156.52 ft (48.32 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 40 gal

Time: 14:55
pH: 4.2
Alkalinity: 0 meq/L
Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	15	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	4.4	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,380	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT

WELL LFW 34 collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 7.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	19	µg/L	MT
0	Lead	3.5	µg/L	MT
0	Manganese	3.4	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	1,320	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	3.6±1.9	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.8±0.40	pCi/L	MT
0	Tritium	3.4±0.40	pCi/mL	MT

WELL LFW 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90
Depth to water: 26.08 ft (7.94 m) below TOC
Water elevation: 158.04 ft (48.17 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 39 gal

Time: 11:20
pH: 4.2
Alkalinity: 1 meq/L
Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
0	Specific conductance	21	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,210	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	24	µg/L	MT
0	Lead	2.7	µg/L	MT
0	Manganese	2.8	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 35 collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.2±0.40	pCi/mL	MT

WELL LFW 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 10:20
Depth to water: 24.07 ft (7.34 m) below TOC — pH: 5.5
Water elevation: 146.33 ft (44.60 m) msl — Alkalinity: 13 meq/L
Sp. conductance: 55 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	pH	5.7	pH	MT
0	Specific conductance	39	µS/cm	MT
0	Specific conductance	40	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	1.4	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,270	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 8.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	1,690	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	3.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	5,090	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	1,110	µg/L	MT
2	Total organic halogens	37	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	25	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
1	Trichlorofluoromethane	54	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT

WELL LFW 36 collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.0±0.30	pCi/mL	MT

WELL LFW 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 9:45
Depth to water: 28.29 ft (8.01 m) below TOC — pH: 4.6
Water elevation: 143.61 ft (43.77 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 77 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	Specific conductance	90	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	5.7	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	18,400	µg/L	MT
1	Chloride	17,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 19	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	39	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	1,810	µg/L	MT
0	Sulfate	1,820	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	2,470	µg/L	MT
2	Total organic halogens	196	µg/L	MT
2	Total organic halogens	196	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	74	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	9.0	µg/L	MT
1	Trichlorofluoromethane	320	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
1	1,1-Dichloroethane	55	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	8.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
1	2,4,5-TP (Silvex)	0.34	µg/L	MT
0	Gross alpha	2.4±1.9	pCi/L	MT
0	Nonvolatile beta	7.4±3.7	pCi/L	MT

WELL LFW 37 collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total radium	1.8±0.40	pCi/L	MT
0	Tritium	8.2±0.90	pCi/mL	MT

WELL LFW 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 Time: 9:15
Depth to water: 27.08 ft (8.25 m) below TOC pH: 4.4
Water elevation: 143.22 ft (43.65 m) msl Alkalinity: 0 meq/L
Sp. conductance: 52 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	40	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	6.7	µg/L	MT
1	Benzene	J 2.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	9,890	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	7.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 62	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	52	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	5.6	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	J 3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	1,690	µg/L	MT
0	Total organic carbon	1,690	µg/L	MT
2	Total organic halogens	203	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	54	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	22	µg/L	MT
1	Trichlorofluoromethane	580	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
1	1,1-Dichloroethane	47	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	22	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	0.090	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.4±0.40	pCi/L	MT
0	Tritium	4.8±0.50	pCi/mL	MT
0	Tritium	4.7±0.50	pCi/mL	MT

WELL LFW 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 Time: 14:50
Depth to water: 28.04 ft (8.55 m) below TOC pH: 4.0
Water elevation: 143.36 ft (43.70 m) msl Alkalinity: 0 meq/L
Sp. conductance: 23 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	40	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.3	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,730	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 7.0	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	13	µg/L	MT
0	Lead	2.7	µg/L	MT
0	Manganese	1.7	µg/L	MT
1	Mercury	0.45	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	1,080	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	140	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	165	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	32	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	8.0	µg/L	MT
1	Trichlorofluoromethane	42	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	8.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.6±0.40	pCi/mL	MT

WELL LFW 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90 Time: 14:25
Depth to water: 27.76 ft (8.46 m) below TOC pH: 4.0
Water elevation: 143.24 ft (43.66 m) msl Alkalinity: 0 meq/L
Sp. conductance: 21 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	57	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 40 collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	3.2	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,560	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	17	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	1,260	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	61	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
1	Trichlorofluoromethane	120	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	10	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.6±0.30	pCi/L	MT
0	Tritium	2.9±0.30	pCi/mL	MT

WELL LFW 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90
Depth to water: 24.69 ft (7.53 m) below TOC
Water elevation: 145.81 ft (44.44 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 54 gal

Time: 14:05
pH: 4.2
Alkalinity: 0 meq/L
Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	74	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	2.8	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,810	µg/L	MT
0	Chloride	1,810	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT

WELL LFW 41 collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	18	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
1	Trichlorofluoromethane	85	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	J 4.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	3.0±2.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.5±0.40	pCi/mL	MT

WELL LFW 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/90
Depth to water: 22.79 ft (6.95 m) below TOC
Water elevation: 147.31 ft (44.90 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 48 gal

Time: 13:35
pH: 4.0
Alkalinity: 0 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	34	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	3.1	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,110	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	13	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	57	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Manganese	1.1	µg/L	MT
0	Mercury	<0.20	µg/L	MT

WELL LFW 42 collected on 08/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroe[illegible]inyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	4.6±2.1	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	2.2±0.30	pCi/L	MT
0	Tritium	3.2±0.40	pCi/mL	MT

WELL LRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 11:20
Depth to water: 47.70 ft (14.54 m) below TOC — pH: 4.8
Water elevation: 205.20 ft (62.55 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 19 µS/cm — Water temperature: 23.4°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Carbon tetrachloride	2.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	4.8	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Manganese	13	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL LRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 11:40
Depth to water: 50.39 ft (15.36 m) below TOC — pH: 5.1
Water elevation: 206.31 ft (62.88 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 29 µS/cm — Water temperature: 25.5°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	5.1	µg/L	GE
0	Iron	9.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Lead	47	µg/L	GE
0	Manganese	14	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL LRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 12:05
Depth to water: 52.78 ft (16.09 m) below TOC — pH: 4.9
Water elevation: 205.42 ft (62.61 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 34 µS/cm — Water temperature: 26.4°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	3.0	µg/L	GE
1	Chloroform	3.0	µg/L	GE
0	Iron	6.6	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Lead	31	µg/L	GE
0	Manganese	15	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
2	Trichloroethylene	7.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL LRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 10:55
Depth to water: 50.80 ft (15.48 m) below TOC — pH: 4.9
Water elevation: 204.80 ft (62.42 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	7.3	µg/L	GE
2	Lead	50	µg/L	GE
0	Manganese	6.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL LSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 13:35
Depth to water: 25.88 ft (7.89 m) below TOC — pH: 4.8
Water elevation: 206.82 ft (63.04 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 16 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	9.6	µg/L	MT
0	Total phosphates	21	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	0.17±0.58	pCi/L	EM
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	0.030±1.1	pCi/L	EM
1	Total activity	4,460±10	pCi/mL	EM
2	Tritium	3,900±400	pCi/mL	MT
2	Tritium	4,460±10	pCi/mL	EM

ANALYTICAL RESULTS

WELL LSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 14:30
Depth to water: 27.67 ft (8.43 m) below TOC — pH: 4.4
Water elevation: 207.53 ft (63.26 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 30 µS/cm — Water temperature: 27.7°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	14	µg/L	MT
0	Total phosphates	31	µg/L	MT
0	Total phosphates	24	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Tritium	4.2±0.50	pCi/mL	MT

WELL LSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 12:35
Depth to water: 24.25 ft (7.39 m) below TOC — pH: 4.6
Water elevation: 212.15 ft (64.66 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 21 µS/cm — Water temperature: 29.4°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Lead	23	µg/L	MT
0	Total phosphates	39	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
2	Tritium	32±4.0	pCi/mL	MT

WELL LSB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 13:00
Depth to water: 20.65 ft (6.29 m) below TOC — pH: 4.5
Water elevation: 210.85 ft (64.27 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 36 µS/cm — Water temperature: 31.1°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	18	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	0.34±0.68	pCi/L	EM
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	0.81±1.2	pCi/L	EM
1	Total activity	4,030±10	pCi/mL	EM
2	Tritium	3,400±400	pCi/mL	MT
2	Tritium	4,030±10	pCi/mL	EM

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 8:50
Depth to water: 109.50 ft (33.38 m) below TOC — pH: 5.8
Water elevation: 218.90 ft (66.72 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE

WELL MCB 2 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	6.1	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	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	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	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
2	Carbon tetrachloride	3.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,600	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	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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

WELL MCB 2 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	gamma-Benzene hexachloride (Lindane)	<0.0050	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	<100	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	10	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	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	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	Nickel	6.8	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Phenylenediamine	<10	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	para-Chloro-meta-cresol	<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
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	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL MCB 2 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	8,600	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
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	2.6	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	22,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	24	µg/L	GE
0	Total phosphates	80	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
2	Trichloroethylene	44	µg/L	GE
2	Trichloroethylene	40	µg/L	MA
0	Trichlorofluoromethane	<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	23	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.0±2.3	pCi/L	GE
0	Total radium	1.2±2.0	pCi/L	GE
0	Tritium	1.8±0.30	pCi/mL	GE

ANALYTICAL RESULTS

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90
Depth to water: 130.55 ft (39.79 m) below TOC
Water elevation: 219.85 ft (67.01 m) msl
Sp. conductance: 13 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.

Time: 12:30
pH: 5.3
Alkalinity: 1 meq/L
Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	5.2	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	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	5.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
2	Carbon tetrachloride	6.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,400	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	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.2	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE

WELL MCB 4 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	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	<100	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	25	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	Magnesium	120	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	160	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Phenylenediamine	<10	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	para-Chloro-meta-cresol	<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 MCB 4 collected on 08/28/90, laboratory analyses (continued)

Flag	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	Phenols	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,700	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
2	Tetrachloroethylene	35	µg/L	GE
2	Tetrachloroethylene	32	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	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	65	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
2	Trichloroethylene	91	µg/L	GE
2	Trichloroethylene	88	µg/L	MA
0	Trichlorofluoromethane	<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	13	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE

WELL MCB 4 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	2.0±0.30	pCi/mL	GE

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90
Depth to water: 119.46 ft (36.41 m) below TOC
Water elevation: 220.14 ft (67.10 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 9:50
pH: 6.2
Alkalinity: 7 meq/L
Water temperature: 24.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	6.1	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	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	5.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,600	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 5 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon disulfide	<1.0	µg/L	GE
2	Carbon tetrachloride	19	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,500	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
1	Chloroform	5.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chloroform	<10	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	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	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	<100	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	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	8.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	Magnesium	130	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	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	Nickel	4.3	µg/L	GE

WELL MCB 5 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Phenylenediamine	<10	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	para-Chloro-meta-cresol	<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
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	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,900	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
2	Tetrachloroethylene	89	µg/L	GE
2	Tetrachloroethylene	92	µg/L	MA
2	Tetrachloroethylene	99	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	17,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	285	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
2	Trichloroethylene	620	µg/L	GE
2	Trichloroethylene	594	µg/L	MA
2	Trichloroethylene	637	µg/L	MA
0	Trichlorofluoromethane	<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	20	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE

WELL MCB 5 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	1.1±0.20	pCi/mL	GE

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90
Depth to water: 147.02 ft (44.81 m) below TOC
Water elevation: 192.08 ft (58.55 m) msl
Sp. conductance: 2940 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 10:30
pH: 12.1
Alkalinity: 568 meq/L
Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 12-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
2	pH	12	pH	GE
1	Specific conductance	3,220	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE

WELL MCB 5C collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Allyl chloride	<50	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	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
2	Barium	510	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	37,000	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
2	Carbon tetrachloride	4.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	<250	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
1	Chloroform	1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloroprene	<200	µg/L	GE
1	Chromium	15	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dialfate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	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	<100	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 5C collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
2	Lead	44	µg/L	GE
1	Lithium	500	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	Magnesium	9.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	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	Nickel	7.9	µg/L	GE
0	Nitrate as nitrogen	730	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	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	para-Chloro-meta-cresol	< 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
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	Phenols	<5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
1	Potassium	140,000	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	2,700	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
2	Tetrachloroethylene	33	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	758,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	118	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
2	Trichloroethylene	175	µg/L	GE
2	Trichloroethylene	206	µg/L	MA
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE

WELL MCB 5C collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	43	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	7,12-Dimethylbenz(a)anthracene	< 10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
2	Nonvolatile beta	96 ± 10	pCi/L	GE
1	Total radium	3.4 ± 2.6	pCi/L	GE
0	Tritium	0.97 ± 0.20	pCi/mL	GE

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 13:30
Depth to water: 116.88 ft (35.63 m) below TOC — pH: 5.6
Water elevation: 215.22 ft (65.60 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.7	µg/L	GE

WELL MCB 6 collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	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 disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	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	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	5.1	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 50	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	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	Lead	4.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	210	µg/L	GE
2	Manganese	64	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
1	Nickel	9.9	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Propionitrile	< 200	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	Styrene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/l	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	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-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	1.1	µg/L	MA
0	Trichlorofluoromethane	< 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	90	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/90 — Time: 13:05
Depth to water: 139.72 ft (42.59 m) below TOC — pH: 5.6
Water elevation: 192.36 ft (58.64 m) msl — Alkalinity: 7 meq/L
Sp. conductance: 42 µS/cm — Water temperature: 24.4°C
Water evacuated before sampling: 106 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 12-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.55	ng/L	GE
1	pH	6.7	pH	GE
0	Specific conductance	59	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	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	alpha-Benzene hexachloride	< 0.50	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	27	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 20	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 1.0	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	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	9,000	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	2,600	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	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 6C collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 50	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 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	Dimethyl phthalate	< 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	gamma-Benzene hexachloride (Lindane)	< 0.0050	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	< 100	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl Iodide)	< 15	µg/L	GE
0	Iron	29	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	14	µg/L	GE
1	Lithium	14	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	Magnesium	220	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	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	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	770	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	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	para-Chloro-meta-cresol	< 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 MCB 6C collected on 08/27/90, laboratory analyses (continued)

Flag	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	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
1	Potassium	8,300	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
1	Silica	30,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	2,500	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	75,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	110	µg/L	GE
0	Toxaphene	< 0.24	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-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	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	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.080	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE

WELL MCB 6C collected on 08/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	3-Nitroaniline	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	7,12 Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	5.7 ± 3.8	pCi/l	GE
0	Total radium	1.1 ± 2.1	pCi/L	GE
0	Tritium	< 0.70	pCi/mL	GE

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/90 — Time: 11:20
Depth to water: 146.72 ft (44.72 m) below TOC — pH: 12.3
Water elevation: 190.98 ft (58.21 m) msl — Alkalinity: 1491 meq/L
Sp. conductance: 5420 µS/cm — Water temperature: 23.9°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 12-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.55	ng/L	GE
2	pH	12	pH	GE
1	Specific conductance	3,820	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	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	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	alpha-Benzene hexachloride	< 0.50	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
2	Barium	640	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 20	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 1.0	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	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	31,000	µg/L	GE

WELL MCB 7C collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	< 250	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	< 2.5	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	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzene hexachloride	< 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	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 50	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 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	Dimethyl phthalate	< 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	< 0.0050	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	120	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	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	< 100	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Iron	12	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	16	µg/L	GE
1	Lithium	98	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	Magnesium	3.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	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	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	660	µg/L	GE

ANALYTICAL RESULTS

WELL MGB 7C collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	p,p'-DDD	< 0.80	µg/L	GE
0	p,p'-DDE	< 0.80	µg/L	GE
0	p,p'-DDT	< 0.80	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	Parathion	< 0.80	µg/L	GE
0	Parathion methyl	< 0.80	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	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	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phorate	< 0.80	µg/L	GE
1	Potassium	25,000	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	580	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
1	Tetrachloroethylene	3.0	µg/L	GE
1	Tetrachloroethylene	2.7	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	810,000	µg/L	GE
1	Total organic carbon	24,000	µg/L	GE
1	Total organic halogens	18	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 2.5	µg/L	MA
0	trans-1,3 Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
2	Trichloroethylene	17	µg/L	GE
2	Trichloroethylene	15	µg/L	MA
0	Trichlorofluoromethane	< 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	100	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 2.5	µg/L	MA
1	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,1-Trichloroethane	< 2.5	µg/L	MA
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3 Trichloropropane	< 20	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,3-Dichorobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE

WELL MGB 7C collected on 08/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	Gross alpha	2.2 ± 4.6	pCi/L	GE
1	Nonvolatile beta	16 ± 8.6	pCi/L	GE
2	Total radium	7.2 ± 3.3	pCi/L	GE
0	Tritium	3.6 ± 0.30	pCi/mL	GE

WELL MGA36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 10:20
The well was dry.

WELL MGC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:54
Depth to water: 58.00 ft (17.68 m) below TOC pH: 7.2
Water elevation: 228.10 ft (69.52 m) msl
Sp. conductance: 219 µS/cm Water temperature: 25.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	3.3 ± 3.7	pCi/L	EM
1	Nonvolatile beta	20 ± 2.0	pCi/L	EM
2	Tritium	8,090 ± 180	pCi/mL	EM

WELL MGC 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 12:00
The well was dry.

WELL MGC 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:39
Depth to water: 56.30 ft (17.16 m) below TOC pH: 7.4
Water elevation: 230.30 ft (70.20 m) msl
Sp. conductance: 139 µS/cm Water temperature: 24.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.5±1.1	pCi/L	EM
0	Nonvolatile beta	3.6±1.3	pCi/L	EM
2	Tritium	25±1.2	pCi/mL	EM

WELL MGC 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:20
The well was dry.

WELL MGC 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 10:30
Depth to water: 54.20 ft (16.52 m) below TOC pH: 8.6
Water elevation: 243.60 ft (74.31 m) msl
Sp. conductance: 59 µS/cm Water temperature: 23.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	31±4.9	pCi/L	GE
2	Gross alpha	130±20	pCi/L	MT
0	Gross alpha	0.87±0.89	pCi/L	EM
2	Nonvolatile beta	75±6.0	pCi/L	GE
2	Nonvolatile beta	180±20	pCi/L	MT
2	Nonvolatile beta	260±30	pCi/L	MT
0	Nonvolatile beta	3.8±1.3	pCi/L	EM
2	Tritium	3,930±6.4	pCi/mL	GE
2	Tritium	2,900±300	pCi/mL	MT
2	Tritium	3,400±10	pCi/mL	EM

WELL MGC 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 10:45
Depth to water: 63.00 ft (19.20 m) below TOC pH: 7.6
Water elevation: 233.60 ft (71.20 m) msl
Sp. conductance: 36 µS/cm Water temperature: 26.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.99±0.84	pCi/L	EM
0	Nonvolatile beta	2.9±1.6	pCi/L	EM
2	Tritium	6,190±20	pCi/mL	EM

WELL MGE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:50
The well was dry.

WELL MGE 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:30
The well was dry.

WELL MGE 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:15
Depth to water: 58.50 ft (17.83 m) below TOC pH: 8.0
Water elevation: 223.70 ft (68.16 m) msl
Sp. conductance: 59 µS/cm Water temperature: 23.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.6±0.88	pCi/L	EM
0	Nonvolatile beta	2.2±1.1	pCi/L	EM
2	Tritium	114±2.4	pCi/mL	EM

WELL MGE 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:00
The well was dry.

WELL MGG 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:45
The well was dry.

WELL MGG 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:40
The well was dry.

WELL MGG 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:35
The well was dry.

WELL MGG 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:05
The well was dry.

WELL MGG 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 11:00
The well was dry.

ANALYTICAL RESULTS

WELL MSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 15:15
The well was dry.

WELL MSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/90 Time: 15:00
Depth to water: Not available pH: 4.3
Water elevation: Not available Alkalinity: 0 meq/L
Sp. conductance: 36 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 20 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 13-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	4.5	pH	GE
0	Specific conductance	33	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	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	3.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	480	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,900	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	Chloroprene	<200	µg/L	GE

WELL MSB 2A collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
1	cis-1,2-Dichloroethene	15	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	320	µg/L	GE
0	Cyanide	<8.0	µg/L	GE
0	delta-Benzene hexachloride	<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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	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	<100	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	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
2	Lead	32	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	Magnesium	130	µg/L	GE
0	Manganese	3.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,490	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Phenylenediamine	<10	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	para-Chloro-meta-cresol	<10	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE

WELL MSB 2A collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
2	Tetrachloroethylene	1,340	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
2	Total organic halogens	618	µg/L	GE
0	Total phosphates	110	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
2	Trichloroethylene	314	µg/L	GE
0	Trichlorofluoromethane	<1.0	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	35	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
1	1,1-Dichloroethane	2.0	µg/L	GE
1	1,1-Dichloroethylene	7.0	µg/L	GE
1	1,1,1-Trichloroethane	22	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE

WELL MSB 2A collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
1	Gross alpha	8.5±2.9	pCi/L	GE
2	Total radium	10±3.5	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 15:00
The well was dry.

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 15:05
The well was dry.

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/90 Time: 17:30
Depth to water: Not available pH: 5.3
Water elevation: Not available Alkalinity: 2 meq/L
Sp. conductance: 102 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 13-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	5.4	pH	GE
1	Specific conductance	101	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 5A collected on 07/02/90, laboratory analyses (continued)

Flag	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	5.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,400	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	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	29	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
1	Di-n-butyl phthalate	36	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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	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	<100	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	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	6.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	Magnesium	310	µg/L	GE

WELL MSB 5A collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	5.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	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	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	11,300	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Phenylenediamine	<10	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	para-Chloro-meta-cresol	<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
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	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	16,000	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
2	Tetrachloroethylene	29	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total organic halogens	16	µg/L	GE
0	Total phosphates	90	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
2	Trichloroethylene	44	µg/L	GE
0	Trichlorofluoromethane	<1.0	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	37	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	2.0	µg/L	GE
1	1,1,1-Trichloroethane	4.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

WELL MSB 5A collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<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-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	Gross alpha	2.6±1.4	pCi/L	GE
0	Total radium	1.3±2.0	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90
Depth to water: 118.43 ft (36.10 m) below TOC
Water elevation: 225.47 ft (68.72 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 40 gal
Time: 13:35
pH: 4.9
Alkalinity: 2 meq/L
Water temperature: 19.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 13-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<2.1	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo p-furan isomers	<0.93	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<2.2	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<4.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	pH	5.6	pH	GE
0	pH	5.2	pH	MT

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	43	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<1.6	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	MT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
0	Acetone	<10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	MT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	MT
0	Acrolein	<20	µg/L	GE
0	Acrolein	<100	µg/L	MT
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<5.0	µg/L	MT
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.050	µg/L	MT
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<100	µg/L	MT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	3.8	µg/L	GE
0	Barium	4.6	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<1.0	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Calcium	590	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<1.0	µg/L	MT
1	Chloride	49,000	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	MT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	MT
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	MT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	MT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	MT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.10	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<5.0	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	MT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.050	µg/L	MT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Hexachlorophene	<100	µg/L	GE
0	Hexachlorophene	<10	µg/L	MT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<5.0	µg/L	MT
0	Iron	4.6	µg/L	GE
0	Iron	19	µg/L	GE
0	Iron	34	µg/L	MT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	MT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	MT
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	MT
0	Magnesium	160	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<5.0	µg/L	MT
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.050	µg/L	MT
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	MT
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<5.0	µg/L	MT
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	MT
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	MT
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	MT
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	MT
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	400	µg/L	GE
0	Nitrate as nitrogen	350	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	MT
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	MT
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	p-Cresol (4-Methylphenol)	< 10	µg/L	MT
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	MT
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.10	µg/L	MT
0	p,p'-DDT	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.10	µg/L	MT
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion	< 10	µg/L	MT
0	Parathion methyl	< 0.50	µg/L	GE
0	Parathion methyl	< 10	µg/L	MT
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1260	< 0.50	µg/L	GE
0	PCB 1260	< 1.0	µg/L	MT
0	PCB 1262	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	MT
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 10	µg/L	GE
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenacetin	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phorate	< 0.50	µg/L	GE
0	Phorate	< 10	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Pronamid	< 10	µg/L	MT
0	Propionitrile	< 200	µg/L	GE
0	Propionitrile	< 5.0	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Pyridine	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	MT
0	Safrole	< 10	µg/L	GE
0	Safrole	< 10	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Silica	5,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 0.80	µg/L	MT
1	Sodium	6,400	µg/L	GE
1	Sodium	6,650	µg/L	MT
0	Styrene	< 1.0	µg/L	GE
0	Styrene	< 5.0	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Sulfide	2,800	µg/L	MT
0	Sulfotepp	< 10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	< 10	µg/L	MT
1	Thallium	3.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thionazin	< 10	µg/L	GE
0	Thionazin	< 10	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 972	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	52	µg/L	MT

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 1.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 10	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 10	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 72	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 3.0	µg/L	MT
0	Vinyl acetate	< 1.0	µg/L	GE
0	Vinyl acetate	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	4.3	µg/L	GE
0	Zinc	< 4.0	µg/L	MT
0	1-Naphthylamine	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dibromo-3-chloropropane	< 10	µg/L	MT
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dibromoethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethylene	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,2,3-Trichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	MT
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	MT
0	1,4-Benzoquinone	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	MT
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	MT
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Hexanone	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	MT
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	MT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Methyl-2-pentanone	<10	µg/L	MT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<50	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	MT
0	4,6-Dinitro-ortho-cresol	<50	µg/L	MT
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	MT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Total radium	1.5±2.3	pCi/L	GE
0	Total radium	1.5±0.30	pCi/L	MT
0	Uranium	<1.0	pCi/L	GE

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90
Depth to water: 118.43 ft (36.10 m) below TOC
Water elevation: 225.47 ft (68.72 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 40 gal

Time: 13:35
pH: 4.9
Alkalinity: 2 meq/L
Water temperature: 16.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 13-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.87	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<1.3	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<1.5	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<5.8	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<2.2	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.75	ng/L	MT

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.2	pH	MT
0	pH	5.2	pH	MT
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	42	µS/cm	MT
0	Specific conductance	42	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<2.3	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	MT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<1.0	µg/L	GE
0	Acetone	<10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	MT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	MT
0	Acrolein	<20	µg/L	GE
0	Acrolein	<100	µg/L	MT
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<5.0	µg/L	MT
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.050	µg/L	MT
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<100	µg/L	MT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	4.6	µg/L	GE
0	Barium	4.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo b]fluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<1.0	µg/L	MT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Calcium	750	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<1.0	µg/L	MT
1	Chloride	46,000	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<14	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	MT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	MT
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	MT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	MT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	MT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.10	µg/L	MT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<5.0	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	MT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	µg/L	GE

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Famphur	<10	µg/L	MT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.050	µg/L	MT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	MT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Hexachlorophene	<100	µg/L	GE
0	Hexachlorophene	<10	µg/L	MT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<5.0	µg/L	MT
0	Iron	9.3	µg/L	GE
0	Iron	16	µg/L	GE
0	Iron	<21	µg/L	MT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	MT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	MT
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	MT
0	Magnesium	190	µg/L	GE
0	Manganese	5.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<5.0	µg/L	MT
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.050	µg/L	MT
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	MT
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<5.0	µg/L	MT
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	MT
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	MT
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	MT
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	MT
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<3.4	µg/L	MT
0	Nitrate as nitrogen	400	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	MT
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	MT

ANALYTICAL RESULTS

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	MT
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	MT
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	MT
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.10	µg/L	MT
0	p,p'-DDT	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.10	µg/L	MT
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion	< 10	µg/L	MT
0	Parathion methyl	< 0.50	µg/L	GE
0	Parathion methyl	< 10	µg/L	MT
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1260	< 0.50	µg/L	GE
0	PCB 1260	< 1.0	µg/L	MT
0	PCB 1262	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	MT
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 10	µg/L	GE
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenacetin	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phorate	< 0.50	µg/L	GE
0	Phorate	< 10	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Pronamid	< 10	µg/L	MT
0	Propionitrile	< 200	µg/L	GE
0	Propionitrile	< 5.0	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Pyridine	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	MT
0	Safrole	< 10	µg/L	GE
0	Safrole	< 10	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Silica	6,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 0.60	µg/L	MT
1	Sodium	8,200	µg/L	GE
1	Sodium	8,570	µg/L	MT
0	Styrene	< 1.0	µg/L	GE
0	Styrene	< 5.0	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Sulfide	2,880	µg/L	MT
0	Sulfotepp	< 10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	< 10	µg/L	MT
1	Thallium	3.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thionazin	< 10	µg/L	GE
0	Thionazin	< 10	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 972	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	64	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 1.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 10	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 10	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 72	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 3.0	µg/L	MT
0	Vinyl acetate	< 1.0	µg/L	GE
0	Vinyl acetate	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	4.5	µg/L	GE
0	Zinc	< 4.0	µg/L	MT
0	1-Naphthylamine	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dibromo-3-chloropropane	< 10	µg/L	MT
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dibromoethane	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethylene	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,2,3-Trichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	MT
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	MT
0	1,4-Benzoquinone	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	MT
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	MT
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Hexanone	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE

WELL MSB 6A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	MT
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	MT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Methyl-2-pentanone	<10	µg/L	MT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<50	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	MT
0	4,6-Dinitro-ortho-cresol	<50	µg/L	MT
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	MT
0	7,12-Dimethylbenz(a)anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz(a)anthracene	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Total radium	1.4±2.2	pCi/L	GE
0	Total radium	1.4±0.30	pCi/L	MT

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90
Depth to water: 118.76 ft (36.20 m) below TOC
Water elevation: 225.74 ft (68.81 m) msl
Sp. conductance: 60 µS/cm
Water evacuated *before* sampling: 39 gal
Time: 10:00
pH: 5.0
Alkalinity: 1 meq/L
Water temperature: 23.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	49	µS/cm	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE

WELL MSB 7A collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	4,900	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	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloropropane	<50	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	Dimethyl phthalate	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	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	<100	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	51	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	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 7A collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	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	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,700	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	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	para-Chloro-meta-cresol	< 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
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	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	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
2	Tetrachloroethylene	8.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
2	Total organic halogens	50	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
2	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	13	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE

WELL MSB 7A collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	Gross alpha	3.6 ± 2.5	pCi/L	GE
2	Total radium	5.3 ± 2.9	pCi/L	GE
0	Uranium	< 1.0	pCi/L	GE

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/90 Time: 16:05
Depth to water: 116.16 ft (35.41 m) below TOC pH: 4.5
Water elevation: 228.04 ft (69.51 m) msl Alkalinity: 0 meq/L
Sp. conductance: 110 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 13-labeled TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.55	ng/L	GE
0	pH	4.9	pH	GE
1	Specific conductance	103	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	< 0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE

WELL MBB 8A collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Allyl chloride	<50	µg/L	QE
0	alpha-Benzene hexachloride	<0.50	µg/L	QE
0	Aniline	<10	µg/L	QE
0	Anthracene	<10	µg/L	QE
0	Antimony	<3.0	µg/L	QE
0	Aramite	<10	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	13	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Benzo[a]anthracene	<10	µg/L	QE
0	Benzo[a]pyrene	<10	µg/L	QE
0	Benzo[b]fluoranthene	<10	µg/L	QE
0	Benzo[g,h,i]perylene	<10	µg/L	QE
0	Benzo[k]fluoranthene	<10	µg/L	QE
0	Benzyl alcohol	<20	µg/L	QE
0	Beryllium	<3.0	µg/L	QE
0	beta-Benzene hexachloride	<0.50	µg/L	QE
0	Bis(chloromethyl-ethyl)ether	<1.0	µg/L	QE
0	Bis(2-chloroethoxy) methane	<10	µg/L	QE
0	Bis(2-chloroethyl) ether	<10	µg/L	QE
1	Bis(2-ethylhexyl) phthalate	112	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Butylbenzyl phthalate	<10	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	2,900	µg/L	QE
0	Carbon disulfide	<1.0	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chlordane	<0.50	µg/L	QE
0	Chloride	2,600	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chlorobenzilate	<10	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chloroprene	<200	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Chrysene	<10	µg/L	QE
0	cis-1,2-Dichloroethene	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
1	Copper	37	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	delta-Benzene hexachloride	<0.50	µg/L	QE
0	Di-n-butyl phthalate	<10	µg/L	QE
0	Di-n-octyl phthalate	<10	µg/L	QE
0	Diallate	<10	µg/L	QE
0	Dibenz[a,h]anthracene	<10	µg/L	QE
0	Dibenzofuran	<10	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	Dibromochloropropane	<50	µg/L	QE
0	Dibromomethane (Methylene bromide)	<10	µg/L	QE
0	Dichlorodifluoromethane	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	QE
0	Dieldrin	<0.50	µg/L	QE
0	Diethyl phthalate	<10	µg/L	QE
0	Dimethoate	<10	µg/L	QE
0	Dimethyl phthalate	<10	µg/L	QE
0	Diphenylamine	<10	µg/L	QE
0	Disulfoton	<10	µg/L	QE
0	Endosulfan I	<0.50	µg/L	QE
0	Endosulfan II	<0.50	µg/L	QE
0	Endosulfan sulfate	<0.50	µg/L	QE
0	Endrin	<0.0060	µg/L	QE
0	Endrin aldehyde	<0.50	µg/L	QE
0	Ethyl methacrylate	<10	µg/L	QE
0	Ethyl methanesulfonate	<10	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Famphur	<10	µg/L	QE
0	Fluoranthene	<10	µg/L	QE
0	Fluorene	<10	µg/L	QE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	QE
0	Heptachlor	<0.50	µg/L	QE
0	Heptachlor epoxide	<0.50	µg/L	QE
0	Hexachlorobenzene	<10	µg/L	QE
0	Hexachlorobutadiene	<10	µg/L	QE
0	Hexachlorocyclopentadiene	<10	µg/L	QE
0	Hexachloroethane	<10	µg/L	QE
0	Hexachlorophene	<100	µg/L	QE
0	Hexachloropropene	<10	µg/L	QE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	QE
0	Iodomethane (Methyl iodide)	<15	µg/L	QE
0	Iron	110	µg/L	QE
0	Isobutyl alcohol	<100	µg/L	QE
0	Isodrin	<10	µg/L	QE
0	Isophorone	<10	µg/L	QE
0	Isosafrole	<10	µg/L	QE

WELL MBB 8A collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Kepone	<10	µg/L	QE
2	Lead	34	µg/L	QE
0	m-Cresol (3-Methylphenol)	<10	µg/L	QE
0	Magnesium	990	µg/L	QE
1	Manganese	35	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methacrylonitrile	<50	µg/L	QE
0	Methapyrilene	<10	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Methyl ethyl ketone	<1.0	µg/L	QE
0	Methyl isobutyl ketone	<1.0	µg/L	QE
0	Methyl methacrylate	<10	µg/L	QE
0	Methyl methanesulfonate	<10	µg/L	QE
0	N-Nitrosodi-n-butylamine	<10	µg/L	QE
0	N-Nitrosodi-propylamine	<10	µg/L	QE
0	N-Nitrosodiethylamine	<10	µg/L	QE
0	N-Nitrosodimethylamine	<10	µg/L	QE
0	N-Nitrosodiphenylamine	<10	µg/L	QE
0	N-Nitrosomethylethylamine	<10	µg/L	QE
0	N-Nitrosomorpholine	<10	µg/L	QE
0	N-Nitrosopiperidine	<10	µg/L	QE
0	N-Nitrosopyrrolidine	<10	µg/L	QE
0	Naphthalene	<10	µg/L	QE
1	Nickel	19	µg/L	QE
2	Nitrate as nitrogen	10,600	µg/L	QE
0	Nitrobenzene	<10	µg/L	QE
0	o-Cresol (2-Methylphenol)	<10	µg/L	QE
0	o-Toluidine	<10	µg/L	QE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	QE
0	p-Cresol (4-Methylphenol)	<10	µg/L	QE
0	p-Dimethylaminoazobenzene	<10	µg/L	QE
0	p-Phenylenediamine	<10	µg/L	QE
0	p,p'-DDD	<0.50	µg/L	QE
0	p,p'-DDE	<0.50	µg/L	QE
0	p,p'-DDT	<0.50	µg/L	QE
0	para-Chloro-meta-cresol	<10	µg/L	QE
0	Parathion	<0.50	µg/L	QE
0	Parathion methyl	<0.50	µg/L	QE
0	PCB 1016	<0.50	µg/L	QE
0	PCB 1221	<0.50	µg/L	QE
0	PCB 1232	<0.50	µg/L	QE
0	PCB 1242	<0.50	µg/L	QE
0	PCB 1248	<0.50	µg/L	QE
0	PCB 1254	<0.50	µg/L	QE
0	PCB 1260	<0.50	µg/L	QE
0	PCB 1262	<0.50	µg/L	QE
0	Pentachlorobenzene	<10	µg/L	QE
0	Pentachloroethane	<10	µg/L	QE
0	Pentachloronitrobenzene	<10	µg/L	QE
0	Pentachlorophenol	<10	µg/L	QE
0	Phenacetin	<10	µg/L	QE
0	Phenanthrene	<10	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Phenols	<10	µg/L	QE
0	Phorate	<0.50	µg/L	QE
0	Potassium	900	µg/L	QE
0	Pronamid	<10	µg/L	QE
0	Propionitrile	<200	µg/L	QE
0	Pyrene	<10	µg/L	QE
0	Pyridine	<10	µg/L	QE
0	Safrole	<10	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	6,100	µg/L	QE
0	Silver	<2.0	µg/L	QE
1	Sodium	10,000	µg/L	QE
0	Styrene	<1.0	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Sulfide	<1,000	µg/L	QE
0	Sulfotepp	<10	µg/L	QE
2	Tetrachloroethylene	104	µg/L	QE
0	Thallium	<2.0	µg/L	QE
0	Tin	<2.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
2	Total organic halogens	234	µg/L	QE
0	Total phosphates	110	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	trans-1,2-Dichloroethene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	QE
2	Trichloroethylene	49	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Uranium	<1,000	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Vinyl acetate	<1.0	µg/L	QE
0	Xylenes	<1.0	µg/L	QE
0	Zinc	12	µg/L	QE
0	1-Naphthylamine	<10	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE

WELL MSB 8A collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	1,1,1-Trichloroethane	1.0	µg/L	QE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	1,2-Dibromoethane	< 20	µg/L	QE
0	1,2-Dichlorobenzene	< 10	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	1,2,3-Trichloropropane	< 20	µg/L	QE
0	1,2,4-Trichlorobenzene	< 10	µg/L	QE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	QE
0	1,3-Dichlorobenzene	< 10	µg/L	QE
0	1,3-Dinitrobenzene	< 10	µg/L	QE
0	1,3,5-Trinitrobenzene	< 10	µg/L	QE
0	1,4-Dichlorobenzene	< 10	µg/L	QE
0	1,4-Dioxane	< 10	µg/L	QE
0	1,4-Naphthoquinone	< 10	µg/L	QE
0	2-Acetylaminofluorene	< 10	µg/L	QE
0	2-Chloronaphthalene	< 10	µg/L	QE
0	2-Chlorophenol	< 10	µg/L	QE
0	2-Hexanone	< 1.0	µg/L	QE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	QE
0	2-Methylnaphthalene	< 10	µg/L	QE
0	2-Naphthylamine	< 10	µg/L	QE
0	2-Nitroaniline	< 10	µg/L	QE
0	2-Nitrophenol	< 10	µg/L	QE
0	2-Picoline	< 10	µg/L	QE
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	QE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	QE
0	2,4-Dichlorophenol	< 10	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	2,4-Dimethyl phenol	< 10	µg/L	QE
0	2,4-Dinitrophenol	< 50	µg/L	QE
0	2,4-Dinitrotoluene	< 10	µg/L	QE
0	2,4,5 TP (Silvex)	< 0.090	µg/L	QE
0	2,4,5-Trichlorophenol	< 10	µg/L	QE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	QE
0	2,4,6-Trichlorophenol	< 10	µg/L	QE
0	2,6-Dichlorophenol	< 10	µg/L	QE
0	2,6-Dinitrotoluene	< 10	µg/L	QE
0	3-Methylcholanthrene	< 10	µg/L	QE
0	3-Nitroaniline	< 10	µg/L	QE
0	3,3'-Dichlorobenzidine	< 10	µg/L	QE
0	3,3'-Dimethylbenzidine	< 10	µg/L	QE
0	4-Aminobiphenyl	< 10	µg/L	QE
0	4-Bromophenyl phenyl ether	< 10	µg/L	QE
0	4-Chloroaniline	< 10	µg/L	QE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	QE
0	4-Nitroaniline	< 10	µg/L	QE
0	4-Nitrophenol	< 10	µg/L	QE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	QE
0	5-Nitro-o-toluidine	< 10	µg/L	QE
0	7,12-Dimethylbenz(a)anthracene	< 10	µg/L	QE
1	Gross alpha	11 ± 2 2	pCi/L	QE
2	Total radium	17 ± 4 5	pCi/L	QE
0	Uranium	< 1.0	pCi/L	QE

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 11:00
Depth to water: 151.08 ft (46 05 m) below TOC — pH: 6 2
Water elevation: 208 32 ft (63 50 m) msl — Alkalinity: 12 meq/L
Sp. conductance: 48 µS/cm — Water temperature: 19 7°C
Water evacuated before sampling: 174 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6 0	pH	QE
0	pH	6 1	pH	QE
0	Specific conductance	49	µS/cm	QE
0	Specific conductance	48	µS/cm	QE
0	Aluminum	< 20	µg/L	QE
0	Aluminum	< 20	µg/L	QE
0	Arsenic	< 2 0	µg/L	QE
0	Arsenic	< 2 0	µg/L	QE
0	Barium	6 1	µg/L	QE
0	Barium	5 6	µg/L	QE
0	Benzene	< 1 0	µg/L	QE
0	Benzene	< 100	µg/L	QE
0	Bromodichloromethane	< 1 0	µg/L	QE
0	Bromodichloromethane	< 100	µg/L	QE
0	Bromoform	< 1 0	µg/L	QE
0	Bromoform	< 100	µg/L	QE

WELL MSB 9A collected on 07/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 100	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Carbon tetrachloride	< 100	µg/L	QE
0	Chloride	2,000	µg/L	QE
0	Chloride	2,000	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chlorobenzene	< 100	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethane	< 100	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 100	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloroform	< 100	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 100	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
1	cis-1,2-Dichloroethene	12	µg/L	QE
0	cis-1,2-Dichloroethene	< 100	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 100	µg/L	QE
0	Copper	< 4.0	µg/L	QE
0	Copper	4.2	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	Dibromochloromethane	< 100	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 100	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Ethylbenzene	< 100	µg/L	QE
0	Iron	< 4.0	µg/L	QE
0	Iron	< 4.0	µg/L	QE
0	Iron	13	µg/L	QE
0	Iron	9.6	µg/L	QE
0	Lead	5.0	µg/L	QE
0	Lead	4.0	µg/L	QE
0	Manganese	2.3	µg/L	QE
0	Manganese	2.2	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nitrate as nitrogen	300	µg/L	QE
0	Nitrate as nitrogen	320	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	1,400	µg/L	QE
0	Sodium	1,300	µg/L	QE
0	Sulfate	< 1,000	µg/L	QE
0	Sulfate	< 1,000	µg/L	QE
2	Tetrachloroethylene	2,080	µg/L	QE
2	Tetrachloroethylene	2,080	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Toluene	< 100	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
2	Total organic halogens	1,420	µg/L	QE
2	Total organic halogens	1,290	µg/L	QE
0	Total phosphates	< 50	µg/L	QE
0	Total phosphates	< 50	µg/L	QE
1	trans-1,2-Dichloroethene	10	µg/L	QE
0	trans-1,2-Dichloroethene	< 100	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 100	µg/L	QE
2	Trichloroethylene	1,720	µg/L	QE
2	Trichloroethylene	2,040	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 100	µg/L	QE
0	Uranium	< 1,000	µg/L	QE
0	Uranium	< 1,000	µg/L	QE
0	Xylenes	< 1.0	µg/L	QE
0	Xylenes	< 100	µg/L	QE
2	Zinc	4,500	µg/L	QE
2	Zinc	4,400	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 100	µg/L	QE
0	1,1-Dichloroethylene	< 1 0	µg/L	QE
0	1,1-Dichloroethylene	< 100	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,1-Trichloroethane	< 100	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE

WELL MSB 9A collected on 07/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	< 100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 100	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 100	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 100	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 100	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Uranium	< 1.0	pCi/L	GE

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 8:10
Depth to water: 130.30 ft (39.72 m) below TOC — pH: 8.6
Water elevation: 228.30 ft (69.59 m) msl — Alkalinity: 17 meq/L
Sp. conductance: 221 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.0	pH	GE
1	Specific conductance	207	µS/cm	GE
0	Aluminum	22	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	4,000	µg/L	GE
1	Chlorobenzene	8.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
1	cis-1,2-Dichloroethene	323	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Copper	5.1	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
1	Ethylbenzene	4.0	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	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
2	Nitrate as nitrogen	15,900	µg/L	GE
1	Phenols	9.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	13,000	µg/L	GE
0	Sulfate	1,400	µg/L	GE
2	Tetrachloroethylene	50,300	µg/L	GE
1	Toluene	5.0	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	50,400	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
1	trans-1,2-Dichloroethene	1,000	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	34,700	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
1	Xylenes	15	µg/L	GE
0	Zinc	28	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
1	1,1-Dichloroethylene	9.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE

WELL MSB 9B collected on 07/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	2.9 ± 3.4	pCi/L	GE
0	Total radium	1.9 ± 3.5	pCi/L	GE
0	Uranium	< 1.0	pCi/L	GE

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 10:40
Depth to water: Not available — pH: 3.9
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 298 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 10 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.0	pH	GE
1	Specific conductance	289	µS/cm	GE
2	Aluminum	6,700	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	45	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	6,000	µg/L	GE
1	Chlorobenzene	22	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	Chromium	< 4.0	µg/L	GE
1	cis-1,2-Dichloroethene	2,000	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
1	Copper	55	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Iron	110	µg/L	GE
1	Lead	24	µg/L	GE
2	Manganese	120	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
1	Nickel	17	µg/L	GE
2	Nitrate as nitrogen	29,500	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	22,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	114,000	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	94,800	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	57,000	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	80	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
1	1,1-Dichloroethylene	18	µg/L	GE
1	1,1,1-Trichloroethane	52	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
1	1,1,2,2-Tetrachloroethane	21	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
2	Gross alpha	59 ± 8.6	pCi/L	GE
1	Nonvolatile beta	43 ± 7.4	pCi/L	GE
2	Total radium	61 ± 10	pCi/L	GE
0	Uranium	< 1.0	pCi/L	GE

ANALYTICAL RESULTS

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 — Time: 11:05
Depth to water: Not available — pH: 3.8
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 288 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 19 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Uranium-234	16 ± 1.0	pCi/L	TE
1	Uranium-235	1.2 ± 0.40	pCi/L	TE
1	Uranium-238	140 ± 20	pCi/L	TE

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 15:30
Depth to water: 148.51 ft (45.27 m) below TOC — pH: 5.0
Water elevation: 206.49 ft (62.94 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 20 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 230 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.7	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,000	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	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Iron	8.9	µg/L	GE
2	Lead	27	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	40	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Gross alpha	2.0 ± 2.1	pCi/L	GE

WELL MSB 10A collected on 07/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	2.6 ± 3.5	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Uranium	< 1.0	pCi/L	GE

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 16:00
Depth to water: 145.93 ft (44.48 m) below TOC — pH: 5.0
Water elevation: 208.77 ft (63.63 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 39 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 154 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Aluminum	22	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.3	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	<2.0	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	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Iron	5.2	µg/L	GE
0	Lead	11	µg/L	GE
0	Manganese	4.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	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	73	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 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	Xylenes	< 1.0	µg/L	GE
0	Zinc	28	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Uranium	< 1.0	pCi/L	GE

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 16:40
Depth to water: 128.58 ft (39.19 m) below TOC — pH: 8.4
Water elevation: 227.42 ft (69.32 m) msl — Alkalinity: 36 meq/L
Sp. conductance: 355 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 101 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.2	pH	GE
1	Specific conductance	338	µS/cm	GE
1	Aluminum	110	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	200	µg/L	GE
1	Benzene	9.0	µg/L	GE
1	Bromodichloromethane	2.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,800	µg/L	GE
1	Chlorobenzene	5.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	1,000	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	4.1	µg/L	GE
0	Lead	9.0	µg/L	GE
1	Manganese	36	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	25,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	14,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	42,200	µg/L	GE
1	Toluene	5.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	22,700	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	47,000	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	1,1,1-Trichloroethane	7.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	1,1,2,2-Tetrachloroethane	29	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
1	Gross alpha	11±4.1	pCi/L	GE
1	Nonvolatile beta	14±4.6	pCi/L	GE
2	Total radium	24±5.9	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 12:50
Depth to water: 155.07 ft (47.27 m) below TOC — pH: 5.8
Water elevation: 209.83 ft (63.96 m) msl — Alkalinity: 8 meq/L
Sp. conductance: 34 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 214 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Aluminum	22	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	4.7	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Toluene	1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	110	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.3±3.5	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

ANALYTICAL RESULTS

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 12:30
Depth to water: 148.33 ft (45.21 m) below TOC — pH: 5.7
Water elevation: 216.47 ft (65.98 m) msl — Alkalinity: 7 meq/L
Sp. conductance: 31 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 171 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
↳	pH	6.0	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,800	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	12	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	7.2	µg/L	GE
2	Lead	34	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	240	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	104	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	176	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	110	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 13:10
Depth to water: 148.88 ft (44.77 m) below TOC — pH: 4.7
Water elevation: 218.02 ft (66.45 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 65 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 108 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	62	µS/cm	GE
0	Aluminum	52	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	272	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	5.4	µg/L	GE
0	Lead	18	µg/L	GE
0	Manganese	7.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	10,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	72	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	38,200	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	85,200	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	16	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	2.0±1.9	pCi/L	GE
0	Nonvolatile beta	4.6±3.4	pCi/L	GE
0	Total radium	1.3±1.8	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 13:40
Depth to water: 136.48 ft (41.60 m) below TOC — pH: 4.8
Water elevation: 228.72 ft (69.71 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 27 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Aluminum	40	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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,100	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	2.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	13	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	910	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	250	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,190	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	3,060	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	15	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	2.8±2.0	pCi/L	GE
0	Nonvolatile beta	2.8±3.2	pCi/L	GE
0	Total radium	1.3±1.8	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 14:10
The well was dry.

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 13:55
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 34 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 22 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	pH	4.6	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
1	Aluminum	140	µg/L	GE
1	Aluminum	140	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.0	µg/L	GE
0	Barium	3.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<200	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<200	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<200	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<200	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<200	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<200	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<200	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<200	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<200	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	16	µg/L	GE
0	cis-1,2-Dichloroethene	<200	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<200	µg/L	GE
0	Copper	13	µg/L	GE
0	Copper	12	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<200	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<200	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<200	µg/L	GE
0	Iron	14	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Manganese	5.9	µg/L	GE
0	Manganese	5.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,130	µg/L	GE
0	Nitrate as nitrogen	1,150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	2,530	µg/L	GE
2	Tetrachloroethylene	3,800	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<200	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 11F collected on 07/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	5,030	µg/L	GE
2	Total organic halogens	4,880	µg/L	GE
1	Total phosphates	320	µg/L	GE
1	Total phosphates	320	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<200	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<200	µg/L	GE
2	Trichloroethylene	10,500	µg/L	GE
2	Trichloroethylene	15,300	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<200	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<200	µg/L	GE
0	Zinc	24	µg/L	GE
0	Zinc	23	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<200	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<200	µg/L	GE
1	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,1-Trichloroethane	<200	µg/L	GE
1	1,1,2-Trichloroethane	3.0	µg/L	GE
0	1,1,2-Trichloroethane	<200	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<200	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<200	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<200	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<200	µg/L	GE
0	Gross alpha	4.0±2.3	pCi/L	GE
0	Gross alpha	4.1±2.3	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	2.6±3.2	pCi/L	GE
1	Total radium	2.6±3.1	pCi/L	GE
1	Total radium	3.2±3.2	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90
Depth to water: 141.55 ft (43.14 m) below TOC
Water elevation: 206.25 ft (62.87 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 240 gal
Time: 16:25
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	24	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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,800	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	5.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	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	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE

WELL MSB 12A collected on 07/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	272	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	624	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	38	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.0±2.8	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90
Depth to water: 133.07 ft (40.56 m) below TOC
Water elevation: 215.33 ft (65.63 m) msl
Sp. conductance: 132 µS/cm
Water evacuated before sampling: 154 gal
Time: 16:10
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
1	Specific conductance	128	µS/cm	GE
0	Aluminum	54	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	91	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	14	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Manganese	5.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	12,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	15,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	2,600	µg/L	GE
1	Toluene	1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	3,200	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE

WELL MSB 12B collected on 07/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	7,830	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	25	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	15	µg/L	GE
1	1,1,1-Trichloroethane	12	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	1,1,2,2-Tetrachloroethane	1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
1	Gross alpha	6.7±2.2	pCi/L	GE
0	Nonvolatile beta	9.0±2.6	pCi/L	GE
1	Total radium	3.7±2.3	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 16:40
Depth to water: 127.11 ft (38.74 m) below TOC pH: 4.9
Water elevation: 220.79 ft (67.30 m) msl Alkalinity: 0 meq/L
Sp. conductance: 152 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 130 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
1	Specific conductance	148	µS/cm	GE
0	Aluminum	39	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	<50	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
0	Carbon tetrachloride	<50	µg/L	GE
0	Chloride	3,900	µg/L	GE
0	Chlorobenzene	<50	µg/L	GE
0	Chloroethane	<50	µg/L	GE
0	Chloroethene (Vinyl chloride)	<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	cis-1,2-Dichloroethene	<50	µg/L	GE
0	cis-1,3-Dichloropropene	<50	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<50	µg/L	GE
0	Dichloromethane (Methylene chloride)	<50	µg/L	GE
0	Ethylbenzene	<50	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	14	µg/L	GE
0	Manganese	12	µg/L	GE
1	Mercury	0.59	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	14,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	15,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	1,140	µg/L	GE
0	Toluene	<50	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	1,700	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	GE
0	trans-1,3-Dichloropropene	<50	µg/L	GE
2	Trichloroethylene	2,800	µg/L	GE
0	Trichlorofluoromethane	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<50	µg/L	GE
0	Zinc	220	µg/L	GE
0	1,1-Dichloroethane	<50	µg/L	GE
0	1,1-Dichloroethylene	<50	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	GE
0	1,1,2-Trichloroethane	<50	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<50	µg/L	GE
0	1,2-Dichloroethane	<50	µg/L	GE

WELL MSB 12C collected on 07/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<50	µg/L	GE
0	2-Chloroethyl vinyl ether	<50	µg/L	GE
1	Gross alpha	14±3.9	pCi/L	GE
1	Nonvolatile beta	17±4.6	pCi/L	GE
2	Total radium	13±3.6	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 18:30
The well was dry.

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 Time: 11:30
Depth to water: 160.02 ft (48.77 m) below TOC pH: 5.9
Water elevation: 188.48 ft (57.45 m) msl Alkalinity: 7 meq/L
Sp. conductance: 34 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 786 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<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	Xylenes	<1.0	µg/L	GE
0	Zinc	12	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 12TA collected on 07/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	4.9±3.4	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 Time: 10:05
Depth to water: 160.24 ft (48.84 m) below TOC pH: 5.2
Water elevation: 188.66 ft (57.50 m) msl Alkalinity: 1 meq/L
Sp. conductance: 26 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 517 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,000	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
1	Iron	180	µg/L	GE
0	Lead	12	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Sulfate	1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<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	Xylenes	<1.0	µg/L	GE
0	Zinc	21	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2 Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 Time: 16:20
Depth to water: 140.94 ft (42.96 m) below TOC pH: 5.1
Water elevation: 204.26 ft (62.26 m) msl Alkalinity: 0 meq/L
Sp. conductance: 21 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 193 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labeled 2,3,7,8-TCDD	<0.45	ng/L	GE
0	Carbon 13-labeled TCDF	<0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	<1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.55	ng/L	GE
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.40	ng/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.45	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<0.65	ng/L	GE
0	1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.40	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.55	ng/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.55	ng/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	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	alpha-Benzene hexachloride	<0.50	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	4.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<1.0	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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	950	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	1,800	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	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
1	cis-1,2-Dichloroethene	2.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE

WELL MSB 13A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 50	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethene (Methylene chloride)	< 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	Dimethyl phthalate	< 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	gamma-Benzene hexachloride (Lindane)	< 0.0050	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	< 100	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Iron	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	4.0	µg/L	GE
0	m Cresol (3-Methylphenol)	< 10	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	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	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	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	para-Chloro-meta-cresol	< 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
0	Pentachlorobenzene	< 10	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE

WELL MSB 13A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
1	Silica	17,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,400	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	Tetrachloroethylene	< 1.0	µg/L	GE
1	Thallium	2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
2	Total organic halogens	76	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
2	Trichloroethylene	150	µg/L	GE
0	Trichlorofluoromethane	< 1.0	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	38	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 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-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 13A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	7,12-Dimethylbenz(a)anthracene	< 10	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/l	GE
0	Uranium	< 1.0	pCi/L	GE

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 — Time: 11:50
Depth to water: 139.94 ft (42.65 m) below TOC — pH: 4.7
Water elevation: 205.28 ft (62.56 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 196 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Uranium-234	27 ± 2.0	pCi/L	TE
1	Uranium-235	1.8 ± 0.40	pCi/L	TE
1	Uranium-238	270 ± 10	pCi/L	TE

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/90 — Time: 10:40
Depth to water: 140.06 ft (42.69 m) below TOC — pH: 5.0
Water elevation: 205.14 ft (62.53 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 22 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 197 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Uranium-234	< 1.7	pCi/L	MT
0	Uranium-235	< 1.0	pCi/L	MT
0	Uranium-238	< 1.0	pCi/L	MT

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 — Time: 16:00
Depth to water: 148.01 ft (45.11 m) below TOC — pH: 11.7
Water elevation: 197.59 ft (60.23 m) msl — Alkalinity: 619 meq/L
Sp. conductance: 2620 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
?	pH	12	pH	GE
1	Specific conductance	3,110	µS/cm	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
1	Barium	430	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	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	45,000	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	900	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE

WELL MSB 13B collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
1	Chromium	17	µg/L	GE
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 50	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Iron	7.9	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
2	Lead	104	µg/L	GE
0	Magnesium	3.9	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methyl ethyl ketone	< 1.0	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
2	Nitrate as nitrogen	21,000	µg/L	GE
1	Phenols	8.0	µg/L	GE
1	Potassium	51,000	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,600	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	41,000	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	3,900	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
2	Tetrachloroethylene	59	µg/L	GE
1	Thallium	4.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
1	Toluene	4.0	µg/L	GE
2	Total organic halogens	38	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
2	Trichloroethylene	30	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
1	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	110	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
1	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 — Time: 11:30
Depth to water: 150.73 ft (45.94 m) below TOC — pH: 11.8
Water elevation: 194.87 ft (59.40 m) msl — Alkalinity: 647 meq/L
Sp. conductance: 2910 µS/cm — Water temperature: 21.9 C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Uranium-234	25 ± 2.0	pCi/L	TE
1	Uranium-235	1.1 ± 0.30	pCi/L	TE
1	Uranium-238	140 ± 10	pCi/L	TE

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/90 — Time: 10:20
Depth to water: 151.15 ft (46.07 m) below TOC — pH: 11.8
Water elevation: 194.45 ft (59.27 m) msl — Alkalinity: 636 meq/L
Sp. conductance: 2770 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Uranium-234	2.2±1.6	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
1	Uranium-238	1.2±1.0	pCi/L	MT

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 — Time: 15:45
The well was dry.

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 14:20
Depth to water: 133.43 ft (40.67 m) below TOC — pH: 4.6
Water elevation: 214.87 ft (65.49 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 186 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 183 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
1	Specific conductance	109	µS/cm	GE
0	Aluminum	55	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	51	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	32	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	11	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	13,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	9,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	1,650	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,080	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	1,120	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE

WELL MSB 14A collected on 07/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc	13	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	1,1,1-Trichloroethane	1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
1	Gross alpha	7.2±3.0	pCi/L	GE
0	Nonvolatile beta	9.8±3.8	pCi/L	GE
2	Total radium	7.9±2.9	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 13:45
Depth to water: 132.09 ft (40.26 m) below TOC — pH: 4.7
Water elevation: 216.81 ft (66.02 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 160 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
1	Specific conductance	182	µS/cm	GE
0	Aluminum	49	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	46	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,300	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	20	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	15,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	177	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	140	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	119	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	28	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	5.0	µg/L	GE
1	1,1,1-Trichloroethane	6.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	4.0±3.2	pCi/L	GE
2	Total radium	5.8±2.7	pCi/L	GE

ANALYTICAL RESULTS

WELL MSB 14B collected on 07/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium	<1.0	pCi/L	GE

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 — Time: 12:40
Depth to water: Not available — pH: 7.1
Water elevation: Not available — Alkalinity: 33 meq/L
Sp. conductance: 114 µS/cm — Water temperature: 33.3°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
1	Chloroethene (Vinyl chloride)	8.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
1	Toluene	1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	22	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	5.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 — Time: 16:00
Depth to water: Not available — pH: 7.0
Water elevation: Not available — Alkalinity: 28 meq/L
Sp. conductance: 113 µS/cm — Water temperature: 33.2°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Uranium-234	1.2±0.50	pCi/L	TE
0	Uranium-235	<0.090	pCi/L	TE
1	Uranium-238	7.4±1.2	pCi/L	TE

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 14:25
Depth to water: 148.79 ft (45.35 m) below TOC — pH: 6.9
Water elevation: 218.41 ft (66.57 m) msl — Alkalinity: 11 meq/L
Sp. conductance: 41 µS/cm — Water temperature: 25.0°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

Flag	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	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	21	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	8.0	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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,000	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	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	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,2-Dichloroethene	<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	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	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	30	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	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	Nitrate as nitrogen	1,110	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	112	µg/L	GE
2	Tetrachloroethylene	112	µg/L	GE
0	Toluene	<1.0	µg/L	GE

WELL MSB 15A collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	1,400	µg/L	GE
2	Total organic halogens	1,500	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 50	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-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	3,420	µg/L	GE
2	Trichloroethylene	3,200	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	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	9.9	µg/L	GE
0	Zinc	8.4	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 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	Gross alpha	2.3 ± 1.5	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	2.7 ± 2.5	pCi/L	GE
0	Nonvolatile beta	3.3 ± 3.6	pCi/L	GE
1	Total radium	3.7 ± 3.6	pCi/L	GE
1	Total radium	2.6 ± 3.5	pCi/L	GE

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 14:00
Depth to water: 157.14 ft (47.90 m) below TOC — pH: 5.3
Water elevation: 212.36 ft (64.73 m) msl — Alkalinity: 6 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 182 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	5.0	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	1,900	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 2.0	µg/L	MA
0	Chloroform	< 2.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	< 3.0	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	80	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	600	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
1	Silica	35,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	1,100	µg/L	GE

WELL MSB 15AA collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Tetrachloroethylene	1.0	µg/L	GE
0	Tetrachloroethylene	< 2.0	µg/L	MA
0	Tetrachloroethylene	< 2.0	µg/L	MA
0	Total dissolved solids	84,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	21	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 2.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 2.0	µg/L	MA
2	Trichloroethylene	35	µg/L	GE
2	Trichloroethylene	31	µg/L	MA
2	Trichloroethylene	36	µg/L	MA
0	1,1-Dichloroethylene	< 2.0	µg/L	MA
0	1,1-Dichloroethylene	< 2.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	2.8 ± 2.2	pCi/L	GE
1	Total activity	0.033 ± 0.84	pCi/mL	EM
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 0.70	pCi/mL	GE

WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 13:20
Depth to water: 122.03 ft (37.20 m) below TOC
Water elevation: 244.67 ft (74.55 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/90 — Time: 8:20
Depth to water: 123.23 ft (37.56 m) below TOC — pH: 6.1
Water elevation: 243.37 ft (74.16 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 56 µS/cm — Water temperature: 16.2°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	26	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 50	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
0	Carbon tetrachloride	< 50	µg/L	GE
0	Chlorobenzene	< 50	µg/L	GE
0	Chloroethane	< 50	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 50	µg/L	GE
0	Chloroform	< 50	µg/L	GE
0	Chloromethane (Methyl chloride)	< 50	µg/L	GE
1	Chromium	19	µg/L	GE
0	cis-1,2-Dichloroethene	< 50	µg/L	GE
0	cis-1,3-Dichloropropene	< 50	µg/L	GE
0	Copper	< 4.0	µg/L	GE
1	Cyanide	46	µg/L	GE
0	Dibromochloromethane	< 50	µg/L	GE
1	Dichloromethane (Methylene chloride)	150	µg/L	GE
0	Ethylbenzene	< 50	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Manganese	2.6	µg/L	GE
2	Mercury	1.5	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	900	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
2	Tetrachloroethylene	2,300	µg/L	GE
0	Toluene	< 50	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE

WELL MSB 15C collected on 09/26/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Total organic halogens	14,500	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	GE
0	trans-1,3-Dichloropropene	<50	µg/L	GE
2	Trichloroethylene	83,000	µg/L	GE
0	Trichlorofluoromethane	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<50	µg/L	GE
0	Zinc	19	µg/L	GE
0	1,1-Dichloroethane	<50	µg/L	GE
0	1,1-Dichloroethylene	<50	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	GE
0	1,1,2-Trichloroethane	<50	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<50	µg/L	GE
0	1,2-Dichloroethane	<50	µg/L	GE
0	1,2-Dichloropropane	<50	µg/L	GE
0	2-Chloroethyl vinyl ether	<50	µg/L	GE
1	Total activity	1.6±1.3	pCi/mL	EM

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 11:20
Depth to water: 138.66 ft (42.26 m) below TOC — pH: 8.5
Water elevation: 230.14 ft (70.15 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.7	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Specific conductance	26	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	740	µg/L	GE
0	Calcium	730	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<500	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<500	µg/L	GE
0	Chloroform	<250	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	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	Magnesium	270	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	8.7	µg/L	GE
0	Manganese	8.8	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	Nitrate as nitrogen	830	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,200	µg/L	GE
0	Silica	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE

WELL MSB 15D collected on 07/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Tetrachloroethylene	2,600	µg/L	GE
2	Tetrachloroethylene	1,200	µg/L	GE
2	Tetrachloroethylene	1,070	µg/L	MA
0	Total dissolved solids	22,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	4,030	µg/L	GE
2	Total organic halogens	4,580	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<250	µg/L	MA
2	Trichloroethylene	28,100	µg/L	GE
2	Trichloroethylene	18,000	µg/L	GE
2	Trichloroethylene	22,200	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
1	1,1,1-Trichloroethane	11	µg/L	GE
0	1,1,1-Trichloroethane	<500	µg/L	GE
0	1,1,1-Trichloroethane	<250	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	2.4±3.5	pCi/L	GE
1	Total activity	1.7±0.74	pCi/mL	EM
0	Total radium	1.8±3.5	pCi/L	GE
1	Total radium	2.7±3.8	pCi/L	GE
0	Tritium	1.2±0.20	pCi/mL	GE
0	Tritium	1.3±0.20	pCi/mL	GE

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 13:10
Depth to water: 148.91 ft (45.39 m) below TOC — pH: 5.3
Water elevation: 217.79 ft (66.38 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 30 µS/cm — Water temperature: 25.6°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<100	µg/L	MA
2	Tetrachloroethylene	126	µg/L	GE
0	Tetrachloroethylene	<100	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Trichloroethylene	6,790	µg/L	GE
2	Trichloroethylene	9,840	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	MA
1	Total activity	0.44±1.1	pCi/mL	EM

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 12:10
The well was dry.

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 8:30
Depth to water: 144.90 ft (44.17 m) below TOC — pH: 4.7
Water elevation: 213.10 ft (64.95 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 188 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 150 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
1	Specific conductance	172	µS/cm	GE
0	Aluminum	81	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Carbon tetrachloride	2.0	µg/L	GE
1	Carbon tetrachloride	2.0	µg/L	GE
0	Chloride	3,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	2.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Manganese	6.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	19,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	15,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	304	µg/L	GE
2	Tetrachloroethylene	304	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	168	µg/L	GE
0	Total phosphates	70	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	49	µg/L	GE
2	Trichloroethylene	49	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	16	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	39	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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
1	Gross alpha	13±4.3	pCi/L	GE
1	Nonvolatile beta	14±4.8	pCi/L	GE
2	Total radium	22±9.8	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 8:20
Depth to water: 135.81 ft (41.30 m) below TOC — pH: 4.6
Water elevation: 222.30 ft (67.79 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 154 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
1	Specific conductance	141	µS/cm	GE
1	Aluminum	110	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Carbon tetrachloride	4.0	µg/L	GE
2	Carbon tetrachloride	4.0	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Manganese	8.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	14,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	18,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	549	µg/L	GE
2	Tetrachloroethylene	549	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	378	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	914	µg/L	GE
2	Trichloroethylene	914	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	12	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	74	µg/L	GE
1	1,1,1-Trichloroethane	31	µg/L	GE
1	1,1,1-Trichloroethane	31	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
1	Gross alpha	5.9±2.3	pCi/L	GE
0	Nonvolatile beta	8.1±2.8	pCi/L	GE
2	Total radium	8.9±3.8	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

ANALYTICAL RESULTS

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 9:10
Depth to water: 148.92 ft (45.39 m) below TOC — pH: 5.9
Water elevation: 210.38 ft (64.12 m) msl — Alkalinity: 10 meq/L
Sp. conductance: 105 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 203 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	99	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	21	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
1	Nitrate as nitrogen	8,470	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	18,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	596	µg/L	GE
2	Tetrachloroethylene	204	µg/L	MA
0	Total dissolved solids	128,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	688	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	24	µg/L	MA
2	Trichloroethylene	2,300	µg/L	GE
2	Trichloroethylene	1,170	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.4 ± 3.5	pCi/L	GE
0	Total activity	-0.16 ± 0.04	pCi/mL	EM
1	Total radium	4.9 ± 2.9	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 8:15
The well was dry.

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 9:50
Depth to water: 135.10 ft (41.18 m) below TOC — pH: 5.2
Water elevation: 225.10 ft (68.61 m) msl — Alkalinity: 5 meq/L
Sp. conductance: 30 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	980	µg/L	GE
0	Chloride	1,200	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,810	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	7,000	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	8.0 ± 1.1	pCi/mL	EM
0	Total radium	1.0 ± 2.0	pCi/L	GE
0	Tritium	1.2 ± 0.20	pCi/mL	GE

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 10:20
Depth to water: 132.41 ft (40.36 m) below TOC — pH: 4.8
Water elevation: 207.79 ft (63.34 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 42 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 133 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Aluminum	30	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE

WELL MSB 18A collected on 07/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	3.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	70	µg/L	GE
1	Lead	24	µg/L	GE
0	Manganese	8.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	8.4	µg/L	GE
1	Nitrate as nitrogen	3,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	11	µg/L	GE
1	Toluene	1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	14	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	9.1	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.6±3.2	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90
Depth to water: 123.59 ft (37.67 m) below TOC
Water elevation: 216.71 ft (66.05 m) msl
Sp. conductance: 113 µS/cm
Water evacuated before sampling: 64 gal
Time: 9:55
pH: 5.3
Alkalinity: 4 meq/L
Water temperature: 32.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
1	Specific conductance	104	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	41	µg/L	GE
0	Iron	44	µg/L	GE
0	Lead	13	µg/L	GE
0	Manganese	15	µg/L	GE

WELL MSB 18B collected on 07/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	6,720	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	12,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	35	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	18	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	48	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	2.0	µg/L	GE
1	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	4.6±2.5	pCi/L	GE
0	Nonvolatile beta	6.2±3.5	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90
Depth to water: 118.36 ft (36.08 m) below TOC
Water elevation: 222.24 ft (67.74 m) msl
Sp. conductance: 136 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.
Time: 9:00
pH: 5.6
Alkalinity: 2 meq/L
Water temperature: 24.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Aluminum	21	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.1	µg/L	GE
0	Barium	7.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chloride	1,500	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	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	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,2-Dichloroethene	<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

ANALYTICAL RESULTS

WELL MSB 18C collected on 07/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Copper	4.5	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	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	80	µg/L	GE
0	Iron	78	µg/L	GE
0	Lead	15	µg/L	GE
0	Lead	11	µg/L	GE
0	Manganese	9.1	µg/L	GE
0	Manganese	8.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,140	µg/L	GE
0	Nitrate as nitrogen	1,080	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Toluene	1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	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-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<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	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
1	Zinc	250	µg/L	GE
1	Zinc	250	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<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	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	2.7±3.2	pCi/L	GE
0	Total radium	2.4±3.1	pCi/L	GE
0	Total radium	2.2±3.1	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90
Depth to water: 88.59 ft (27.00 m) below TOC
Water elevation: 210.91 ft (64.29 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 316 gal

Time: 10:05
pH: 5.1
Alkalinity: 2 meq/L
Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	4.3	µg/L	GE
2	Lead	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	Nitrate as nitrogen	1,040	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	27	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	83	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	112	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	30	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	3.6±2.2	pCi/L	GE
0	Nonvolatile beta	4.9±3.5	pCi/L	GE
0	Total radium	1.8±3.0	pCi/L	GE

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 10:30
Depth to water: 86.03 ft (26.22 m) below TOC — pH: 5.2
Water elevation: 213.87 ft (65.19 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 52 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 186 gal

LABORATORY ANALYSES

Flag	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	3.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	9.1	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	4.6	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	18	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 11:10
Depth to water: 65.24 ft (19.89 m) below TOC — pH: 5.5
Water elevation: 234.96 ft (71.62 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 225 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 98 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
1	Specific conductance	151	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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,000	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	2.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	91	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	3.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	5,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	8,600	µg/L	GE
1	Sulfate	48,700	µg/L	GE
2	Tetrachloroethylene	34	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	98	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	132	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	220	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	2.7±2.1	pCi/L	GE
0	Nonvolatile beta	5.4±3.4	pCi/L	GE
1	Total radium	4.0	pCi/L	GE

ANALYTICAL RESULTS

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 8:45
Depth to water: 138.92 ft (42.34 m) below TOC — pH: 5.5
Water elevation: 215.08 ft (65.56 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 38 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 154 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,400	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Manganese	4.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	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	364	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	924	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	45	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.2±1.9	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 7:50
Depth to water: Not available — pH: 11.2
Water elevation: Not available — Alkalinity: 105 meq/L
Sp. conductance: 374 µS/cm — Water temperature: 23.3°C
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Aluminum	630	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,800	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	5.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	3.8	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 — Time: 10:05
Depth to water: 135.65 ft (41.35 m) below TOC — pH: 5.4
Water elevation: 217.75 ft (66.37 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 23.5°C
Water evacuated before sampling: 172 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	<20	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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL MSB 21A collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	42	µg/L	GE
0	Nitrate as nitrogen	1,090	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	44	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.0±2.1	pCi/L	GE
0	Total radium	1.4±2.1	pCi/L	GE

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90
Depth to water: 136.43 ft (41.58 m) below TOC
Water elevation: 218.87 ft (66.71 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 200 gal
Time: 9:10
pH: 5.5
Alkalinity: 1 meq/L
Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	170	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	690	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE

WELL MSB 21B collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	8,900	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	Tetrachloroethylene	2.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	114	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	23	µg/L	MA
2	Trichloroethylene	321	µg/L	GE
2	Trichloroethylene	222	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total activity	-0.050±1.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	1.5±0.20	pCi/mL	GE

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90
Depth to water: 127.12 ft (38.75 m) below TOC
Water elevation: 226.28 ft (68.97 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 42 gal
Time: 9:30
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	6.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	57	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	6.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	750	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<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	Xylenes	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 21C collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc	24	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<3.0	pCi/L	GE
0	Nonvolatile beta	2.0±3.5	pCi/L	GE
1	Total radium	3.7±2.6	pCi/L	GE

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 Time: 9:50
Depth to water: 163.90 ft (49.96 m) below TOC pH: 5.9
Water elevation: 190.80 ft (58.16 m) msl Alkalinity: 9 meq/L
Sp. conductance: 59 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 450 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Aluminum	62	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,000	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	70	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	9,900	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<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	Xylenes	<1.0	µg/L	GE
0	Zinc	6.6	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	4.6±2.8	pCi/L	GE
0	Nonvolatile beta	8.1±4.2	pCi/L	GE
1	Total radium	3.7±2.6	pCi/L	GE

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 Time: 17:05
The well was dry.

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 Time: 13:30
The well was dry.

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 Time: 13:40
Depth to water: 148.86 ft (45.37 m) below TOC pH: 5.1
Water elevation: 222.74 ft (67.89 m) msl Alkalinity: 1 meq/L
Sp. conductance: 40 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 134 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<50	µg/L	MA
2	Tetrachloroethylene	13	µg/L	GE
2	Tetrachloroethylene	13	µg/L	GE
0	Tetrachloroethylene	<50	µg/L	MA
0	trans-1,2-Dichloroethene	<50	µg/L	MA
2	Trichloroethylene	495	µg/L	GE
2	Trichloroethylene	588	µg/L	GE
2	Trichloroethylene	512	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	MA
1	Total activity	1.1±1.2	pCi/mL	EM

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 Time: 13:15
Depth to water: 173.84 ft (52.99 m) below TOC pH: 5.0
Water elevation: 199.06 ft (60.67 m) msl Alkalinity: 0 meq/L
Sp. conductance: 34 µS/cm Water temperature: 25.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

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

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 13:45
Depth to water: 173.84 ft (52.99 m) below TOC — pH: 5.2
Water elevation: 199.06 ft (60.67 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 40 µS/cm — Water temperature: 24.3°C
Water evacuated before sampling: 90 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
1	Tetrachloroethylene	1.3	µg/L	MA
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	35	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 14:15
Depth to water: 173.84 ft (52.99 m) below TOC — pH: 4.7
Water elevation: 199.06 ft (60.67 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 35 µS/cm — Water temperature: 24.3°C
Water evacuated before sampling: 180 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	3.4	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 14:45
Depth to water: 173.84 ft (52.99 m) below TOC — pH: 4.6
Water elevation: 199.06 ft (60.67 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 33 µS/cm — Water temperature: 24.0°C
Water evacuated before sampling: 270 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
1	Trichloroethylene	1.4	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 15:15
Depth to water: 173.84 ft (52.99 m) below TOC — pH: 4.6
Water elevation: 199.06 ft (60.67 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 32 µS/cm — Water temperature: 23.9°C
Water evacuated before sampling: 360 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA

WELL MSB 23TA collected on 07/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Total activity	-0.31 ± 1.1	pCi/mL	EM

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 9:20
Depth to water: 174.66 ft (53.24 m) below TOC — pH: 5.0
Water elevation: 198.24 ft (60.42 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 34 µS/cm — Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

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

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 9:50
Depth to water: 174.66 ft (53.24 m) below TOC — pH: 5.5
Water elevation: 198.24 ft (60.42 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 40 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 90 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
0	Tetrachloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	43	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90 — Time: 10:15
Depth to water: 174.66 ft (53.24 m) below TOC — pH: 5.0
Water elevation: 198.24 ft (60.42 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 32 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 180 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	3.9	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 174.66 ft (53.24 m) below TOC
Water elevation: 198.24 ft (60.42 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 270 gal
Time: 10:45
pH: 4.8
Alkalinity: 0 meq/L
Water temperature: 22.0°C

LABORATORY ANALYSES

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

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/90
Depth to water: 174.66 ft (53.24 m) below TOC
Water elevation: 198.24 ft (60.42 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 360 gal
Time: 11:15
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 22.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
1	Trichloroethylene	1.4	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/90
Depth to water: 175.04 ft (53.35 m) below TOC
Water elevation: 197.86 ft (60.31 m) msl
Sp. conductance: 33 µS/cm
No water was evacuated before sampling.
Time: 13:20
pH: 5.0
Alkalinity: 1 meq/L
Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
1	Trichloroethylene	1.3	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/90
Depth to water: 175.04 ft (53.35 m) below TOC
Water elevation: 197.86 ft (60.31 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 89 gal
Time: 13:45
pH: 5.6
Alkalinity: 6 meq/L
Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 5.0	µg/L	MA
1	Tetrachloroethylene	3.2	µg/L	MA
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
2	Trichloroethylene	47	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/90
Depth to water: 175.04 ft (53.35 m) below TOC
Water elevation: 197.86 ft (60.31 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 178 gal
Time: 14:10
pH: 4.9
Alkalinity: 1 meq/L
Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	4.4	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/90
Depth to water: 175.04 ft (53.35 m) below TOC
Water elevation: 197.86 ft (60.31 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 267 gal
Time: 14:40
pH: 4.6
Alkalinity: 1 meq/L
Water temperature: 21.6°C

LABORATORY ANALYSES

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

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/90
Depth to water: 175.04 ft (53.35 m) below TOC
Water elevation: 197.86 ft (60.31 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 356 gal
Time: 15:05
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 22.2°C

LABORATORY ANALYSES

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

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 143.35 ft (43.69 m) below TOC
Water elevation: 236.85 ft (72.19 m) msl
Sp. conductance: 110 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.
Time: 9:15
pH: 9.8
Alkalinity: 27 meq/L
Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 250	µg/L	GE
0	Chloroform	< 250	µg/L	GE
0	Tetrachloroethylene	< 250	µg/L	GE
2	Trichloroethylene	13,100	µg/L	GE
0	1,1,1-Trichloroethane	< 250	µg/L	GE
1	Total activity	7.3 ± 1.3	pCi/mL	EM

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 9:40
Depth to water: 159.43 ft (48.59 m) below TOC — pH: 4.5
Water elevation: 222.17 ft (67.72 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 86 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 139 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<250	µg/L	GE
0	Chloroform	<250	µg/L	GE
2	Tetrachloroethylene	10,900	µg/L	GE
2	Trichloroethylene	34,200	µg/L	GE
0	1,1,1-Trichloroethane	<250	µg/L	GE
1	Total activity	2.4±1.2	pCi/mL	EM

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 16:05
The well was dry.

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/90 — Time: 15:55
The well was dry.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<250	µg/L	GE
0	Chloroform	<250	µg/L	GE
0	Chloroform	<50	µg/L	MA
0	Tetrachloroethylene	<250	µg/L	GE
2	Tetrachloroethylene	195	µg/L	MA
0	trans-1,2-Dichloroethene	<50	µg/L	MA
2	Trichloroethylene	2,380	µg/L	GE
2	Trichloroethylene	3,120	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	MA
1	Total activity	2.1±1.2	pCi/mL	EM

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 14:40
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 31 µS/cm — Water temperature: 25.7°C
Water evacuated before sampling: 12 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<100	µg/L	MA
2	Tetrachloroethylene	2,980	µg/L	GE
2	Tetrachloroethylene	2,820	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Trichloroethylene	10,600	µg/L	GE
2	Trichloroethylene	10,300	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	MA

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 14:10
Depth to water: 139.32 ft (42.47 m) below TOC — pH: 5.0
Water elevation: 221.68 ft (67.64 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Tetrachloroethylene	17	µg/L	GE
2	Trichloroethylene	108	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Total activity	1.0±0.72	pCi/mL	EM

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 14:20
Depth to water: 146.26 ft (44.58 m) below TOC — pH: 5.7
Water elevation: 216.94 ft (66.12 m) msl — Alkalinity: 8 meq/L
Sp. conductance: 38 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 221 gal

LABORATORY ANALYSES

Flag	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	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	7.7	µg/L	GE
0	Lead	<3.0	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	510	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	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	88	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	5.7	µg/L	MA
2	Trichloroethylene	294	µg/L	GE
2	Trichloroethylene	242	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.47±0.70	pCi/mL	EM
0	Total radium	1.3±2.1	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90 — Time: 10:20
Depth to water: 134.85 ft (41.10 m) below TOC — pH: 4.6
Water elevation: 240.65 ft (73.35 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 57 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 17 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
1	Trichloroethylene	2.0	µg/L	GE
2	Trichloroethylene	3.4	µg/L	MT
2	Trichloroethylene	3.9	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
1	Total activity	11 ± 1.8	pCi/mL	EM

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90 — Time: 10:20
Depth to water: 134.85 ft (41.10 m) below TOC — pH: 4.6
Water elevation: 240.65 ft (73.35 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 57 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 17 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	2.8	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90 — Time: 10:10
The well was dry

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90 — Time: 10:00
Depth to water: 151.64 ft (46.22 m) below TOC — pH: 5.2
Water elevation: 225.16 ft (68.63 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 35 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 158 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 2.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 2.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 2.0	µg/L	MA
2	Trichloroethylene	142	µg/L	GE
2	Trichloroethylene	101	µg/L	MA
0	1,1-Dichloroethylene	< 2.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL MSB 27B collected on 08/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA
1	Total activity	1.4 ± 1.6	pCi/mL	EM

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90 — Time: 10:40
Depth to water: 178.33 ft (54.36 m) below TOC — pH: 4.8
Water elevation: 198.27 ft (60.43 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 30 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 389 gal

LABORATORY ANALYSES

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

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 12:25
Depth to water: 125.56 ft (38.27 m) below TOC — pH: 6.7
Water elevation: 228.84 ft (69.75 m) msl — Alkalinity: 18 meq/L
Sp. conductance: 65 µS/cm — Water temperature: 23.2°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

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

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 12:45
Depth to water: 132.86 ft (40.50 m) below TOC — pH: 4.9
Water elevation: 221.34 ft (67.47 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 26.6°C
Water evacuated before sampling: 182 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
1	Chloroform	1.7	µg/L	MT
0	Chloroform	< 50	µg/L	MA
1	Tetrachloroethylene	3.0	µg/L	GE
1	Tetrachloroethylene	1.5	µg/L	MT
0	Tetrachloroethylene	< 50	µg/L	MA
1	trans-1,2-Dichloroethene	108	µg/L	MA
2	Trichloroethylene	4,560	µg/L	GE
2	Trichloroethylene	3,000	µg/L	MT
2	Trichloroethylene	3,780	µg/L	MA
0	1,1-Dichloroethylene	< 50	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	0.47	µg/L	MT
0	1,1,1-Trichloroethane	< 50	µg/L	MA
1	Total activity	0.70 ± 0.71	pCi/mL	EM

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/90 — Time: 12:45
Depth to water: 132.66 ft (40.60 m) below TOC — pH: 4.9
Water elevation: 221.34 ft (67.47 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 26.6°C
Water evacuated before sampling: 182 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<200	µg/L	MA
0	Tetrachloroethylene	<200	µg/L	MA
0	trans-1,2-Dichloroethene	<200	µg/L	MA
2	Trichloroethylene	2,970	µg/L	MA
0	1,1-Dichloroethylene	<200	µg/L	MA
0	1,1,1-Trichloroethane	<200	µg/L	MA

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 — Time: 15:15
Depth to water: Not available — pH: 6.2
Water elevation: Not available — Alkalinity: 14 meq/L
Sp. conductance: 89 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 260 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	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	Cadmium	<2.0	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	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	640	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	4,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.5	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL MSB 29A collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Total radium	1.1±1.8	pCi/L	GE

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/90 — Time: 12:15
Depth to water: Not available — pH: 6.6
Water elevation: Not available — Alkalinity: 15 meq/L
Sp. conductance: 55 µS/cm — Water temperature: 25.0°C
Water evacuated before sampling: 260 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Uranium-234	<3.3	pCi/L	MT
0	Uranium-235	<1.2	pCi/L	MT
0	Uranium-238	<1.8	pCi/L	MT

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 — Time: 14:40
Depth to water: 142.51 ft (43.44 m) below TOC — pH: 4.7
Water elevation: 222.69 ft (67.88 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 36 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 193 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Aluminum	36	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	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	Cadmium	<2.0	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	610	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.8	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 29B collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Total radium	1.3 ± 1.0	pCi/L	GE
0	Uranium	< 1.0	pCi/L	GE

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/90
Depth to water: 142.83 ft (43.57 m) below TOC
Water elevation: 222.27 ft (67.75 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 195 gal
Time: 10:20
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Uranium-234	< 3.8	pCi/L	MT
0	Uranium-235	< 2.0	pCi/L	MT
0	Uranium-238	< 1.6	pCi/L	MT

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90
Depth to water: 135.60 ft (41.33 m) below TOC
Water elevation: 229.60 ft (69.98 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 140 gal
Time: 15:40
pH: 5.3
Alkalinity: 1 meq/L
Water temperature: 23.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Aluminum	24	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	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	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,480	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE

WELL MSB 29C collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	6.9	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
1	Total radium	3.5 ± 2.3	pCi/L	GE
0	Uranium	< 1.0	pCi/L	GE

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90
Depth to water: 133.50 ft (40.69 m) below TOC
Water elevation: 231.60 ft (70.59 m) msl
Sp. conductance: 46 µS/cm
Water evacuated before sampling: 60 gal
Time: 16:10
pH: 5.0
Alkalinity: 0 meq/L
Water temperature: 23.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Aluminum	32	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	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	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	6.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Iron	6.6	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,870	µg/L	GE
1	Phenols	7.0	µg/L	GE
0	Selenium	< 2.0	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	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	3.6	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE

WELL MSB 29D collected on 07/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Gross alpha	9.7 ± 3.3	pCi/L	GE
2	Total radium	9.3 ± 3.2	pCi/L	GE
0	Uranium	< 1.0	pCi/L	GE

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 — Time: 13:55
Depth to water: 156.04 ft (47.56 m) below TOC — pH: 4.9
Water elevation: 209.16 ft (63.75 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 366 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	16	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	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	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	8.6	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Iron	130	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	4.5	µg/L	GE
0	Nitrate as nitrogen	510	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
1	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	5.7	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Uranium	< 1.0	pCi/L	GE

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 — Time: 11:30
Depth to water: 160.54 ft (48.93 m) below TOC — pH: 6.0
Water elevation: 194.06 ft (59.15 m) msl — Alkalinity, 12 meq/L
Sp. conductance: 88 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 438 gal

LABORATORY ANALYSES

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

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 — Time: 8:55
Depth to water: 130.66 ft (39.83 m) below TOC — pH: 6.4
Water elevation: 221.92 ft (67.64 m) msl — Alkalinity: 15 meq/L
Sp. conductance: 182 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 73 gal
The well went dry during purging.

LABORATORY ANALYSES

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

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 — Time: 10:00
Depth to water: 129.83 ft (39.57 m) below TOC — pH: 4.5
Water elevation: 223.27 ft (68.05 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 70 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

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

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 — Time: 11:05
Depth to water: 125.11 ft (38.13 m) below TOC — pH: 5.3
Water elevation: 229.79 ft (70.04 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 38 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

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

ANALYTICAL RESULTS

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/90 — Time: 10:45
Depth to water: 130.49 ft (39.77 m) below TOC — pH: 6.1
Water elevation: 223.21 ft (68.04 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 35 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 166 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
1	Trichloroethylene	1.1	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 — Time: 11:55
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 20 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 430 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	4,600	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	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Copper	7.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Manganese	3.1	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	360	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 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	Xylenes	< 1.0	µg/L	GE
0	Zinc	16	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE

WELL MSB 31A collected on 07/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	3.9±3.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90 — Time: 12:20
Depth to water: 136.75 ft (41.68 m) below TOC — pH: 4.9
Water elevation: 210.75 ft (64.24 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 164 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Aluminum	25	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,000	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	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
1	cis-1,2-Dichloroethene	11	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Manganese	2.1	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,330	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	26	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	138	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	316	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	11	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	2.6±3.5	pCi/L	GE
0	Total radium	1.2±2.0	pCi/L	GE

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90
Depth to water: 115.44 ft (35.18 m) below TOC
Water elevation: 231.86 ft (70.67 m) msl
Sp. conductance: 121 µS/cm
Water evacuated before sampling: 42 gal
Time: 12:35
pH: 5.3
Alkalinity: 1 meq/L
Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
1	Specific conductance	110	µS/cm	GE
0	Aluminum	24	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	187	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	6,880	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	9,400	µg/L	GE
1	Sulfate	10,100	µg/L	GE
2	Tetrachloroethylene	73,000	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	22,300	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	53,500	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	19	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	15	µg/L	GE
1	1,1,1-Trichloroethane	47	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
1	Gross alpha	7.4±3.3	pCi/L	GE
1	Nonvolatile beta	13±4.7	pCi/L	GE
2	Total radium	6.0±3.1	pCi/L	GE

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90
Depth to water: 138.85 ft (41.71 m) below TOC
Water elevation: 211.95 ft (64.60 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 94 gal
Time: 11:30
pH: 6.2
Alkalinity: 14 meq/L
Water temperature: 25.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	59	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	7,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chloroform	<1.0	µg/L	CE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	400	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	2,660	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	750	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	1,500	µg/L	GE
2	Tetrachloroethylene	18	µg/L	GE
1	Tetrachloroethylene	4.7	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	120	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	323	µg/L	GE
2	Trichloroethylene	252	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.99±1.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90
Depth to water: 31.92 ft (9.73 m) below TOC
Water elevation: 223.38 ft (68.09 m) msl
Sp. conductance: 142 µS/cm
Water evacuated before sampling: 68 gal
Time: 12:20
pH: 5.3
Alkalinity: 2 meq/L
Water temperature: 26.7°C

LABORATORY ANALYSES

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

ANALYTICAL RESULTS

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 — Time: 15:15
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 56 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 21 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
2	Tetrachloroethylene	7.0	µg/L	GE
2	Trichloroethylene	12	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
1	Total activity	2.6 ± 1.1	pCi/mL	EM

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 — Time: 13:55
Depth to water: 52.69 ft (16.06 m) below TOC — pH: 5.0
Water elevation: 202.71 ft (61.79 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 25.9°C
Water evacuated before sampling: 310 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 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	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
2	Trichloroethylene	12	µg/L	MA
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
1	Total activity	0.20 ± 1.0	pCi/mL	EM

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 — Time: 14:25
Depth to water: 48.32 ft (14.73 m) below TOC — pH: 5.1
Water elevation: 206.88 ft (63.06 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 33 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 221 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
2	Tetrachloroethylene	28	µg/L	GE
2	Tetrachloroethylene	23	µg/L	MA
1	trans-1,2-Dichloroethene	7.5	µg/L	MA
2	Trichloroethylene	18	µg/L	GE
2	Trichloroethylene	15	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
1	Total activity	1.2 ± 1.0	pCi/mL	EM

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 — Time: 14:45
Depth to water: 46.06 ft (14.04 m) below TOC — pH: 5.1
Water elevation: 209.24 ft (63.78 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 39 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 110 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
2	Tetrachloroethylene	11	µg/L	GE
2	Tetrachloroethylene	12	µg/L	GE
2	Trichloroethylene	29	µg/L	GE
2	Trichloroethylene	29	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
1	Total activity	1.7 ± 1.0	pCi/mL	EM

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/90 — Time: 15:05
Depth to water: 63.51 ft (19.36 m) below TOC — pH: 5.0
Water elevation: 191.99 ft (58.52 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 450 gal

LABORATORY ANALYSES

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

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 — Time: 11:45
Depth to water: 167.33 ft (51.00 m) below TOC — pH: 4.9
Water elevation: 215.87 ft (65.80 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 268 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<100	µg/L	GE
0	Chloroform	<100	µg/L	GE
0	Chloroform	<20	µg/L	MA
0	Tetrachloroethylene	<100	µg/L	GE
2	Tetrachloroethylene	117	µg/L	MA
0	trans-1,2-Dichloroethene	<20	µg/L	MA
2	Trichloroethylene	1,790	µg/L	GE
2	Trichloroethylene	2,610	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	GE
0	1,1,1-Trichloroethane	<20	µg/L	MA
1	Total activity	0.91±1.1	pCi/mL	EM

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 — Time: 12:05
Depth to water: 158.27 ft (48.24 m) below TOC — pH: 5.0
Water elevation: 224.83 ft (68.53 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 24.0°C
Water evacuated before sampling: 112 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<50	µg/L	GE
0	Chloroform	<50	µg/L	GE
0	Tetrachloroethylene	<50	µg/L	GE
2	Trichloroethylene	>100	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	GE
1	Total activity	3.3±1.1	pCi/mL	EM

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 — Time: 12:25
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<10	µg/L	GE
0	Chloroform	<10	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Tetrachloroethylene	<10	µg/L	GE
2	Tetrachloroethylene	22	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
2	Trichloroethylene	>100	µg/L	GE
2	Trichloroethylene	90	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
1	Total activity	2.2±1.1	pCi/mL	EM

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 — Time: 12:15
Depth to water: 185.92 ft (56.67 m) below TOC — pH: 5.8
Water elevation: 196.58 ft (59.92 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 780 gal

LABORATORY ANALYSES

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

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 — Time: 11:00
Depth to water: 185.32 ft (56.49 m) below TOC — pH: 5.2
Water elevation: 197.48 ft (60.19 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 34 µS/cm — Water temperature: 26.8°C
Water evacuated before sampling: 343 gal

LABORATORY ANALYSES

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

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 13:20
Depth to water: 136.88 ft (41.72 m) below TOC — pH: 4.9
Water elevation: 214.22 ft (65.30 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 40 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 245 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<2.0	µg/L	GE
0	Chloroform	<2.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<2.0	µg/L	GE
1	Trichloroethylene	1.9	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 — Time: 14:10
Depth to water: 134.20 ft (40.90 m) below TOC — pH: 5.7
Water elevation: 217.60 ft (66.33 m) msl — Alkalinity: 6 meq/L
Sp. conductance: 61 µS/cm — Water temperature: 28.5 C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 35B collected on 07/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 Time: 14:00
The well was dry.

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/90 Time: 13:50
Depth to water: 155.60 ft (47.43 m) below TOC pH: 5.2
Water elevation: 194.80 ft (59.38 m) msl Alkalinity: 1 meq/L
Sp. conductance: 28 µS/cm Water temperature: 25.6°C
Water evacuated before sampling: 442 gal

LABORATORY ANALYSES

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

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 15:10
Depth to water: 133.16 ft (40.59 m) below TOC pH: 4.7
Water elevation: 207.44 ft (63.23 m) msl Alkalinity: 0 meq/L
Sp. conductance: 44 µS/cm Water temperature: 23.1°C
Water evacuated before sampling: 302 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	pH	4.6	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Specific conductance	32	µS/cm	GE
0	Aluminum	32	µg/L	GE
0	Aluminum	36	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chloride	1,900	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	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

WELL MSB 36A collected on 07/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,2-Dichloroethene	< 1.0	µg/L	GE
0	cis-1,2-Dichloroethene	< 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	Copper	4.5	µg/L	GE
0	Copper	4.8	µg/L	GE
J	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	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Iron	15	µg/L	GE
0	Iron	19	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	5.0	µg/L	GE
1	Manganese	29	µg/L	GE
1	Manganese	32	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
C	Nickel	4.2	µg/L	GE
0	Nickel	4.6	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	5,500	µg/L	GE
0	Sulfate	5,800	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 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	< 50	µg/L	GE
0	Total phosphates	< 50	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-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	3.0	µg/L	GE
2	Trichloroethylene	3.0	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	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	13	µg/L	GE
0	Zinc	14	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 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	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	2.1 ± 1.5	pCi/L	GE
0	Nonvolatile beta	3.2 ± 2.5	pCi/L	GE
0	Nonvolatile beta	2.6 ± 2.5	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 14:55
Depth to water: 128.39 ft (39.13 m) below TOC pH: 4.9
Water elevation: 212.31 ft (64.71 m) msl Alkalinity: 1 meq/L
Sp. conductance: 221 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
1	Specific conductance	211	µS/cm	GE
1	Aluminum	84	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	52	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	11	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Manganese	30	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	23,500	µg/L	GE
1	Phenols	7.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	14,000	µg/L	GE
0	Sulfate	<1,000	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	736	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	1,700	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	18	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	4.8±2.5	pCi/L	GE
0	Nonvolatile beta	7.1±3.6	pCi/L	GE
2	Total radium	8.4±4.4	pCi/L	GE

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 15:40
Depth to water: 128.48 ft (39.16 m) below TOC pH: 5.1
Water elevation: 212.32 ft (64.72 m) msl Alkalinity: 1 meq/L
Sp. conductance: 37 µS/cm Water temperature: 23.4°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Aluminum	25	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,860	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	18	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	94	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	210	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	6.4	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
	Gross alpha	3.5±2.4	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 11:10
The well was dry.

ANALYTICAL RESULTS

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 Time: 14:10
Depth to water: 149.96 ft (45.71 m) below TOC pH: 5.1
Water elevation: 190.64 ft (58.11 m) msl Alkalinity: 1 meq/L
Sp. conductance: 34 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 390 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	7.2	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
2	Iron	550	µg/L	GE
0	Lead	9.0	µg/L	GE
1	Manganese	37	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	2,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	Uranium	2,700	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	4.1	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 Time: 13:05
Depth to water: 179.53 ft (54.72 m) below TOC pH: 6.8
Water elevation: 203.57 ft (62.05 m) msl Alkalinity: 26 meq/L
Sp. conductance: 97 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 73 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<10	µg/L	GE
0	Chloroform	<10	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Tetrachloroethylene	<10	µg/L	GE
2	Tetrachloroethylene	16	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	17	µg/L	GE
2	Trichloroethylene	57	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
1	Total activity	0.26±1.1	pCi/mL	EM

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 Time: 14:05
Depth to water: 165.37 ft (50.41 m) below TOC pH: 5.6
Water elevation: 217.43 ft (66.27 m) msl Alkalinity: 1 meq/L
Sp. conductance: 27 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 229 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Carbon tetrachloride	1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
2	Tetrachloroethylene	9.0	µg/L	GE
1	Tetrachloroethylene	4.6	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
2	Trichloroethylene	262	µg/L	GE
2	Trichloroethylene	252	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
1	Total activity	1.9±1.1	pCi/mL	EM

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 Time: 14:35
Depth to water: 155.90 ft (47.52 m) below TOC pH: 5.6
Water elevation: 227.20 ft (69.25 m) msl Alkalinity: 2 meq/L
Sp. conductance: 30 µS/cm Water temperature: 23.9°C
Water evacuated before sampling: 156 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Carbon tetrachloride	2.0	µg/L	GE
1	Chloroform	4.0	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
2	Trichloroethylene	4.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Total activity	2.0±1.1	pCi/mL	EM

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/90 Time: 12:55
The well was dry.

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90 — Time: 14:25
Depth to water: 178.85 ft (54.51 m) below TOC — pH: 5.2
Water elevation: 203.55 ft (62.04 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 474 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<20	µg/L	MA
2	Tetrachloroethylene	104	µg/L	GE
2	Tetrachloroethylene	73	µg/L	MA
0	trans-1,2-Dichloroethene	<20	µg/L	MA
2	Trichloroethylene	1,700	µg/L	GE
2	Trichloroethylene	1,300	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<20	µg/L	MA
1	Total activity	3.0±1.1	pCi/mL	EM

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90 — Time: 8:45
Depth to water: 145.53 ft (44.36 m) below TOC — pH: 6.4
Water elevation: 211.07 ft (64.33 m) msl — Alkalinity: 22 meq/L
Sp. conductance: 58 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 190 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	53	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,200	µg/L	GE
0	Carbon tetrachloride	<100	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chloroform	<100	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	4.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	4.3	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	1,400	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	4,400	µg/L	GE
0	Sulfate	1,100	µg/L	GE
2	Tetrachloroethylene	674	µg/L	GE
2	Tetrachloroethylene	522	µg/L	MA
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,690	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	969	µg/L	GE
2	Trichloroethylene	829	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.99±1.1	pCi/mL	EM
0	Total radium	1.4±2.2	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90 — Time: 9:25
Depth to water: 142.10 ft (43.31 m) below TOC — pH: 6.0
Water elevation: 214.20 ft (65.29 m) msl — Alkalinity: 11 meq/L
Sp. conductance: 78 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	79	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,100	µg/L	GE
0	Carbon tetrachloride	<100	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chloroform	<100	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	9.5	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	1,000	µg/L	GE
1	Manganese	32	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nitrate as nitrogen	5,870	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	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	6,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	226	µg/L	GE
2	Tetrachloroethylene	255	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	232	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	10	µg/L	MA
2	Trichloroethylene	543	µg/L	GE
2	Trichloroethylene	568	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	1.1±1.1	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90 — Time: 8:15
The well was dry.

ANALYTICAL RESULTS

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90
Depth to water: 165.23 ft (50.36 m) below TOC
Water elevation: 191.47 ft (58.36 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 468 gal
Time: 9:15
pH: 5.1
Alkalinity: 1 meq/L
Water temperature: 23.7°C

LABORATORY ANALYSES

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

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90
Depth to water: 135.11 ft (41.18 m) below TOC
Water elevation: 206.49 ft (62.94 m) msl
Sp. conductance: 117 µS/cm
Water evacuated before sampling: 65 gal
The well went dry during purging.
Time: 15:20
pH: 6.7
Alkalinity: 25 meq/L
Water temperature: 28.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	68	µS/cm	GE
0	Specific conductance	69	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	12	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	10	µg/L	GE
2	Cadmium	10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Chloride	2,100	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	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	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,2-Dichloroethene	<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	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	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	4.0	µg/L	GE

WELL MSB 39A collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Manganese	25	µg/L	GE
1	Manganese	26	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.8	µg/L	GE
0	Nickel	6.0	µg/L	GE
0	Nitrate as nitrogen	980	µg/L	GE
0	Nitrate as nitrogen	970	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	5,100	µg/L	GE
0	Sulfate	5,100	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	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-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	2.0	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	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	150	µg/L	GE
0	Zinc	150	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<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	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.4±3.2	pCi/L	GE
0	Total radium	1.8±3.3	pCi/L	GE

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90
Depth to water: 132.24 ft (40.31 m) below TOC
Water elevation: 209.56 ft (63.87 m) msl
Sp. conductance: 242 µS/cm
Water evacuated before sampling: 190 gal
Time: 10:20
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
1	Specific conductance	171	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE

WELL MSB 39B collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Carbon tetrachloride	3.0	µg/L	GE
0	Chloride	4,400	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	4.3	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.21	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	20,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
1	Sodium	19,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	210	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	170	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	198	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	7.4	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	1,1,1-Trichloroethane	24	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
1	Gross alpha	6.1±3.1	pCi/L	GE
0	Nonvolatile beta	7.1±4.0	pCi/L	GE
2	Total radium	9.0±4.9	pCi/L	GE

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 — Time: 11:40
Depth to water: 128.19 ft (39.07 m) below TOC — pH: 4.8
Water elevation: 213.31 ft (65.02 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 84 µS/cm — Water temperature: 26.2°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	41	µS/cm	GE
1	Aluminum	84	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE

WELL MSB 39C collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Manganese	9.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	3,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	11	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	46	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	64	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	5.1	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.0	pCi/L	GE
1	Total radium	3.0±2.8	pCi/L	GE

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 — Time: 12:05
Depth to water: 111.58 ft (34.01 m) below TOC — pH: 5.5
Water elevation: 230.12 ft (70.14 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 45 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Aluminum	<20	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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
1	Copper	42	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	18	µg/L	GE
0	Manganese	4.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,850	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 39D collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	8.3	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.0	pCi/L	GE
0	Total radium	1.0±2.0	pCi/L	GE

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90 Time: 10:45
Depth to water: 152.88 ft (46.60 m) below TOC pH: 5.2
Water elevation: 188.92 ft (57.58 m) msl Alkalinity: 1 meq/L
Sp. conductance: 50 µS/cm Water temperature: 23.5°C
Water evacuated before sampling: 398 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,200	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
2	Iron	540	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	2,700	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<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

WELL MSB 39TA collected on 07/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Xylenes	<1.0	µg/L	GE
0	Zinc	3.3	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/90 Time: 15:30
Depth to water: 120.78 ft (36.81 m) below TOC pH: 4.7
Water elevation: 200.42 ft (61.09 m) msl Alkalinity: 0 meq/L
Sp. conductance: 56 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 254 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	49	µS/cm	GE
0	Specific conductance	49	µS/cm	GE
0	Aluminum	68	µg/L	GE
0	Aluminum	60	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chloride	2,400	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	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	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,2-Dichloroethene	<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	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	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
2	Iron	1,400	µg/L	GE
2	Iron	1,300	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lead	4.0	µg/L	GE
1	Manganese	35	µg/L	GE
1	Manganese	35	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.3	µg/L	GE

WELL MSB 40A collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel	4.7	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	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sodium	1,700	µg/L	GE
1	Sulfate	16,000	µg/L	GE
1	Sulfate	16,200	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 organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	730	µg/L	GE
1	Total phosphates	750	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-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<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	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	26	µg/L	GE
0	Zinc	23	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<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	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.6±1.5	pCi/L	GE
0	Nonvolatile beta	2.8±1.6	pCi/L	GE
0	Total radium	1.8±1.5	pCi/L	GE
0	Total radium	1.2±1.4	pCi/L	GE

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/90
Depth to water: 119.55 ft (36.44 m) below TOC
Water elevation: 202.15 ft (61.62 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 156 gal
Time: 16:15
pH: 5.1
Alkalinity: 1 meq/L
Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

WELL MSB 40B collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,030	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	1,900	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	297	µg/L	GE
0	Total phosphates	150	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	685	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	19	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.1±3.5	pCi/L	GE
0	Total radium	2.0±1.5	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 87 µS/cm
Water evacuated before sampling: 40 gal
Time: 17:30
pH: 5.5
Alkalinity: 3 meq/L
Water temperature: 25.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	49	µS/cm	GE
1	Aluminum	120	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	6.3	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 40C collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Iron	570	µg/L	GE
0	Lead	4.0	µg/L	GE
2	Manganese	77	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	440	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	9,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	930	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/l	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	31	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/90 — Time: 16:50
Depth to water: Not available — pH: 5.8
Water elevation: Not available — Alkalinity: 4 meq/L
Sp. conductance: 132 µS/cm — Water temperature: 35.4°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	21	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
1	Copper	270	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	16	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	13	µg/L	GE
2	Manganese	70	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	22	µg/L	GE
0	Nitrate as nitrogen	700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE

WELL MSB 40D collected on 07/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
1	Zinc	520	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/90 — Time: 17:00
Depth to water: 134.48 ft (40.99 m) below TOC — pH: 5.6
Water elevation: 186.32 ft (56.79 m) msl — Alkalinity: 5 meq/L
Sp. conductance: 43 µS/cm — Water temperature: 23.0°C
Water evacuated before sampling: 446 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,2-Dichloroethene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	0.2	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
2	Iron	460	µg/L	GE
0	Lead	9.0	µg/L	GE
2	Manganese	59	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	2,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	120	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<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	Xylenes	<1.0	µg/L	GE
0	Zinc	7.1	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.0±1.9	pCi/L	GE

WELL MSB 40TA collected on 07/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium	<1.0	pCi/L	GE

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90
Depth to water: 108.84 ft (33.17 m) below TOC
Water elevation: 214.98 ft (65.52 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 361 gal
Time: 11:30
pH: 5.9
Alkalinity: 6 meq/L
Water temperature: 25.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
1	Tetrachloroethylene	1.2	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90
Depth to water: 109.17 ft (33.28 m) below TOC
Water elevation: 214.83 ft (65.48 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 278 gal
Time: 12:10
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
2	Tetrachloroethylene	6.0	µg/L	GE
2	Tetrachloroethylene	6.9	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
1	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	1.5	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Total activity	1.2±1.1	pCi/mL	EM

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90
Depth to water: 109.13 ft (33.26 m) below TOC
Water elevation: 215.47 ft (65.68 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 190 gal
Time: 12:40
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 21.9°C

LABORATORY ANALYSES

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

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90
The well was dry.
Time: 10:15

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90
Depth to water: 120.45 ft (36.71 m) below TOC
Water elevation: 203.25 ft (61.95 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 494 gal
Time: 12:20
pH: 5.1
Alkalinity: 1 meq/L
Water temperature: 22.5°C

LABORATORY ANALYSES

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

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90
Depth to water: 159.42 ft (48.59 m) below TOC
Water elevation: 217.18 ft (66.20 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 263 gal
Time: 13:45
pH: 5.0
Alkalinity: 0 meq/L
Water temperature: 28.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<10	µg/L	GE
0	Chloroform	<10	µg/L	GE
0	Chloroform	<10	µg/L	MA
2	Tetrachloroethylene	168	µg/L	GE
2	Tetrachloroethylene	111	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	1,110	µg/L	GE
2	Trichloroethylene	960	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
1	Total activity	0.62±1.1	pCi/mL	EM

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90
Depth to water: 152.08 ft (46.35 m) below TOC
Water elevation: 224.42 ft (68.40 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 185 gal
Time: 14:15
pH: 4.8
Alkalinity: 0 meq/L
Water temperature: 23.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Tetrachloroethylene	<5.0	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	156	µg/L	GE
2	Trichloroethylene	172	µg/L	GE
2	Trichloroethylene	157	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
1	Total activity	0.52±1.0	pCi/mL	EM

ANALYTICAL RESULTS

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90 — Time: 14:35
Depth to water: Not available — pH: 5.2
Water elevation: Not available — Alkalinity: 1 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 98 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
1	Tetrachloroethylene	2.0	µg/L	GE
1	Tetrachloroethylene	2.9	µg/L	MA
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	17	µg/L	GE
2	Trichloroethylene	18	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
1	Total activity	1.5±1.1	pCi/mL	EM

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90 — Time: 13:00
The well was dry.

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/90 — Time: 14:25
Depth to water: 175.24 ft (53.41 m) below TOC — pH: 5.1
Water elevation: 201.46 ft (61.41 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 18 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 442 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
2	Tetrachloroethylene	5.0	µg/L	GE
1	Tetrachloroethylene	4.4	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	7.0	µg/L	GE
2	Trichloroethylene	6.5	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Total activity	0.52±1.1	pCi/mL	EM

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 8:25
Depth to water: 129.52 ft (39.48 m) below TOC — pH: 5.1
Water elevation: 228.38 ft (69.61 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 20 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 242 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE

WELL MSB 43A collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,200	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	6.1	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	940	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.8	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Total radium	1.2±2.1	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/90 — Time: 12:00
Depth to water: 130.20 ft (39.69 m) below TOC — pH: 4.5
Water elevation: 227.70 ft (69.40 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 20 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 240 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Uranium-234	<2.1	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-238	<1.6	pCi/L	MT

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 9:15
Depth to water: 129.55 ft (39.49 m) below TOC — pH: 5.0
Water elevation: 228.45 ft (69.63 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 150 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE

WELL MSB 43B collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	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	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,200	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	6.9	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/l	GE
0	Nitrate as nitrogen	1,130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	2.4±1.5	pCi/L	GE
0	Total radium	1.1±2.1	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/90
Depth to water: 130.12 ft (39.66 m) below TOC
Water elevation: 227.88 ft (69.46 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 149 gal
Time: 11:45
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Uranium-234	2.7±1.5	pCi/L	MT
0	Uranium-235	<1.4	pCi/L	MT
0	Uranium-238	<2.2	pCi/L	MT

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 127.32 ft (38.81 m) below TOC
Water elevation: 230.18 ft (70.16 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 76 gal
Time: 9:30
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Aluminum	74	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	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	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	770	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.3	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	3.6±3.6	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Uranium	<1.0	pCi/L	GE

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 157.65 ft (48.05 m) below TOC
Water elevation: 199.95 ft (60.95 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 445 gal
Time: 9:05
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	29	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 43TA collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	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	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
2	Iron	350	µg/L	GE
0	Lead	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	87	µg/L	GE
C	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Toluene	1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.6	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 11:50
Depth to water: 161.10 ft (49.10 m) below TOC — pH: 5.2
Water elevation: 215.80 ft (65.78 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 250 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	MT
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
2	Trichloroethylene	5.2	µg/L	MT
2	Trichloroethylene	5.7	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Total activity	0.77 ± 1.4	pCi/mL	EM

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 11:50
Depth to water: 161.10 ft (49.10 m) below TOC — pH: 5.2
Water elevation: 215.80 ft (65.78 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 250 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	4.9	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 11:35
Depth to water: 153.87 ft (46.90 m) below TOC — pH: 5.2
Water elevation: 223.23 ft (68.04 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 31 µS/cm — Water temperature: 26.3°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

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

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 11:45
Depth to water: 143.92 ft (43.87 m) below TOC — pH: 6.2
Water elevation: 233.98 ft (71.32 m) msl — Alkalinity: 97 meq/L
Sp. conductance: 175 µS/cm — Water temperature: 28.2°C
Water evacuated before sampling: 2 gal

LABORATORY ANALYSES

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

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90 — Time: 10:45
Depth to water: 166.94 ft (50.88 m) below TOC — pH: 5.4
Water elevation: 214.16 ft (65.28 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 37 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 229 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<25	µg/L	GE
0	Chloroform	<25	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chloroform	<10	µg/L	MA
2	Tetrachloroethylene	358	µg/L	GE
2	Tetrachloroethylene	192	µg/L	MA
2	Tetrachloroethylene	195	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA

WELL MSB 45A collected on 07/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	1,630	µg/L	GE
2	Trichloroethylene	788	µg/L	MA
2	Trichloroethylene	937	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
1	Total activity	0.18±1.3	pCi/mL	EM

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
Depth to water: 156.81 ft (47.80 m) below TOC
Water elevation: 224.29 ft (68.36 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 125 gal
Time: 10:25
pH: 5.1
Alkalinity: 1 meq/L
Water temperature: 23.4°C

LABORATORY ANALYSES

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

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/90
The well was dry.
Time: 9:55

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/90
Depth to water: 159.39 ft (48.58 m) below TOC
Water elevation: 213.31 ft (65.02 m) msl
Sp. conductance: 139 µS/cm
Water evacuated before sampling: 49 gal
The well went dry during purging.
Time: 8:15
pH: 9.8
Alkalinity: 23 meq/L
Water temperature: 23.0°C

LABORATORY ANALYSES

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

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 117 gal
Time: 11:15
pH: 5.4
Alkalinity: 5 meq/L
Water temperature: 21.1°C

LABORATORY ANALYSES

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

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90
The well was dry.
Time: 11:00

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
Depth to water: 142.96 ft (43.57 m) below TOC
Water elevation: 226.04 ft (68.90 m) msl
Sp. conductance: 110 µS/cm
Water evacuated before sampling: 174 gal
Time: 13:05
pH: 8.2
Alkalinity: 31 meq/L
Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	Chloroform	<25	µg/L	MA
0	Tetrachloroethylene	<5.0	µg/L	GE
0	Tetrachloroethylene	<25	µg/L	MA
0	trans-1,2-Dichloroethene	<25	µg/L	MA
2	Trichloroethylene	1,390	µg/L	GE
2	Trichloroethylene	2,540	µg/L	MA
0	1,1-Dichloroethylene	<25	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<25	µg/L	MA
1	Total activity	7.0±1.4	pCi/mL	EM

WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
Depth to water: 151.53 ft (46.19 m) below TOC
Water elevation: 217.57 ft (66.32 m) msl
Sp. conductance: 62 µS/cm
Water evacuated before sampling: 265 gal
Time: 12:00
pH: 8.7
Alkalinity: 24 meq/L
Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.4	pH	GE
0	Specific conductance	57	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,000	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	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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	84	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	150	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	2,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 47BB collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Sodium	5,200	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	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	230	µg/L	GE
0	Toxaphene	<0.24	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-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	9.0	µg/L	GE
2	Trichloroethylene	8.0	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	4.7±3.7	pCi/L	GE
1	Total activity	2.0±1.3	pCi/mL	EM
0	Total radium	1.0±2.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 12:25
Depth to water: 137.55 ft (41.93 m) below TOC — pH: 5.5
Water elevation: 231.75 ft (70.64 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 51 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 104 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	Chloroform	<200	µg/L	MA
0	Tetrachloroethylene	<5.0	µg/L	GE
0	Tetrachloroethylene	<200	µg/L	MA
0	trans-1,2-Dichloroethene	<200	µg/L	MA
2	Trichloroethylene	7,290	µg/L	GE
2	Trichloroethylene	7,360	µg/L	MA
0	1,1-Dichloroethylene	<200	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<200	µg/L	MA
1	Total activity	22±1.7	pCi/mL	EM

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 12:35
Depth to water: 136.55 ft (41.62 m) below TOC — pH: 4.8
Water elevation: 232.65 ft (70.91 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 66 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
1	Trichloroethylene	1.3	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 12:50
Depth to water: 154.94 ft (47.23 m) below TOC — pH: 5.3
Water elevation: 214.06 ft (65.25 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 440 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Tetrachloroethylene	<5.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	392	µg/L	GE
2	Trichloroethylene	527	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
1	Total activity	0.12±1.4	pCi/mL	EM

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 10:25
Depth to water: 141.46 ft (43.12 m) below TOC — pH: 5.9
Water elevation: 220.74 ft (67.28 m) msl — Alkalinity: 5 meq/L
Sp. conductance: 37 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 250 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	36	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	650	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	35	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	1,560	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	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
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	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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL MSB 48A collected on 08/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,3-Dichloropropene	<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	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.9±3.5	pCi/L	GE
1	Total activity	3.9±1.6	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 Time: 11:10
Depth to water: 139.83 ft (42.62 m) below TOC pH: 5.6
Water elevation: 222.07 ft (67.69 m) msl Alkalinity: 8 meq/L
Sp. conductance: 43 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 175 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	1,800	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	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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	450	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	1,880	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	8,100	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	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	245	µg/L	GE
0	Total phosphates	60	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE

WELL MSB 48B collected on 08/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	524	µg/L	GE
2	Trichloroethylene	491	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	4.0±3.8	pCi/L	GE
1	Total activity	3.6±1.7	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	0.72±0.20	pCi/mL	GE

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 Time: 11:30
Depth to water: 140.20 ft (42.73 m) below TOC pH: 5.8
Water elevation: 222.70 ft (67.88 m) msl Alkalinity: 9 meq/L
Sp. conductance: 42 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 125 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chloroform	<2.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Tetrachloroethylene	<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	Trichloroethylene	87	µg/L	GE
2	Trichloroethylene	83	µg/L	GE
2	Trichloroethylene	124	µg/L	MA
2	Trichloroethylene	127	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 Time: 9:45
Depth to water: 131.94 ft (40.22 m) below TOC
Water elevation: 231.26 ft (70.49 m) msl
The well was dry.

ANALYTICAL RESULTS

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 10:50
Depth to water: 141.99 ft (43.28 m) below TOC — pH: 9.9
Water elevation: 220.41 ft (67.18 m) msl — Alkalinity: 28 meq/L
Sp. conductance: 105 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 310 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.7	pH	GE
1	Specific conductance	101	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	12,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,300	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
1	Chromium	4.5	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	140	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,350	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	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	2,200	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	59,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	60	µg/L	GE
0	Toxaphene	<0.24	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-1,3-Dichloropropene	<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	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	3.9±1.6	pCi/mL	EM
0	Total radium	1.7±2.1	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 15:00
Depth to water: 140.29 ft (42.76 m) below TOC — pH: 5.0
Water elevation: 195.11 ft (59.47 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 27 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 320 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	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	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	81	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	350	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	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	4,300	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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	1.8±1.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 14:15
Depth to water: 133.97 ft (40.83 m) below TOC — pH: 6.0
Water elevation: 200.83 ft (61.21 m) msl — Alkalinity: 15 meq/L
Sp. conductance: 56 µS/cm — Water temperature: 24.5°C
Water evacuated before sampling: 250 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
2	Tetrachloroethylene	6.0	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
2	Trichloroethylene	50	µg/L	GE
2	Trichloroethylene	74	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 14:30
Depth to water: 109.35 ft (33.33 m) below TOC — pH: 5.3
Water elevation: 224.65 ft (68.54 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 23.2°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

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

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 — Time: 9:30
Depth to water: 23.02 ft (7.02 m) below TOC — pH: 5.9
Water elevation: 200.98 ft (61.26 m) msl — Alkalinity: 6 meq/L
Sp. conductance: 43 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
2	Tetrachloroethylene	8.0	µg/L	GE
2	Tetrachloroethylene	6.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	16	µg/L	GE
2	Trichloroethylene	13	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 — Time: 9:20
Depth to water: 22.29 ft (6.79 m) below TOC — pH: 5.8
Water elevation: 201.21 ft (61.33 m) msl — Alkalinity: 14 meq/L
Sp. conductance: 98 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

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

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 — Time: 8:45
Depth to water: 60.65 ft (18.49 m) below TOC — pH: 6.0
Water elevation: 202.85 ft (61.83 m) msl — Alkalinity: 11 meq/L
Sp. conductance: 58 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA

WELL MSB 51B collected on 07/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90 — Time: 15:00
Depth to water: 53.78 ft (16.39 m) below TOC — pH: 5.2
Water elevation: 208.72 ft (63.62 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 30 µS/cm — Water temperature: 31.1°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

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

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 12:20
Depth to water: 105.20 ft (32.07 m) below TOC — pH: 6.2
Water elevation: 216.70 ft (66.05 m) msl — Alkalinity: 21 meq/L
Sp. conductance: 82 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 146 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<5.0	µg/L	GE
2	Tetrachloroethylene	9.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Total activity	2.2±1.3	pCi/mL	EM

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 8:10
Depth to water: 86.00 ft (26.21 m) below TOC
Water elevation: 235.80 ft (71.87 m) msl
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 13:40
Depth to water: 125.00 ft (38.10 m) below TOC — pH: 5.3
Water elevation: 219.60 ft (66.93 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 19 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 190 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.7	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 53B collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	740	µg/L	GE
0	Chloride	2,100	µg/L	GE
U	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	74	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	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	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	2.2±1.5	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	0.71±0.20	pCi/mL	GE

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90
Depth to water: 124.86 ft (38.08 m) below TOC
Water elevation: 220.64 ft (67.25 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 102 gal
Time: 13:50
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
1	Tetrachloroethylene	1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
1	Trichloroethylene	1.8	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90
Depth to water: 113.73 ft (34.67 m) below TOC
Water elevation: 231.37 ft (70.52 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 21 gal
Time: 14:05
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 22.3°C

LABORATORY ANALYSES

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

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90
Depth to water: 153.52 ft (46.79 m) below TOC
Water elevation: 220.18 ft (67.11 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 247 gal
Time: 13:40
pH: 5.8
Alkalinity: 4 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

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

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90
Depth to water: 148.46 ft (45.25 m) below TOC
Water elevation: 225.24 ft (68.65 m) msl
Sp. conductance: 102 µS/cm
Water evacuated before sampling: 160 gal
Time: 14:15
pH: 10.0
Alkalinity: 19 meq/L
Water temperature: 22.7°C

LABORATORY ANALYSES

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

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 50 gal
Time: 14:35
pH: 5.3
Alkalinity: 0 meq/L
Water temperature: 20.3°C

LABORATORY ANALYSES

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

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/90
Depth to water: 156.37 ft (47.66 m) below TOC
Water elevation: 217.43 ft (66.27 m) msl
Sp. conductance: 88 µS/cm
Water evacuated before sampling: 380 gal
Time: 14:25
pH: 7.8
Alkalinity: 18 meq/L
Water temperature: 23.5°C

LABORATORY ANALYSES

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

WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 10:25
Depth to water: 154.19 ft (47.00 m) below TOC — pH: 4.2
Water elevation: 214.71 ft (65.44 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 46 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.2	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	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	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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	110	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	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	830	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	42,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
1	Sulfate	12,600	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	81,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	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-1,3-Dichloropropene	<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	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
1	Gross alpha	7.2±3.3	pCi/L	GE
1	Nonvolatile beta	11±4.5	pCi/L	GE
1	Total activity	1.1±1.3	pCi/mL	EM
2	Total radium	19±4.4	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 11:10
Depth to water: 141.31 ft (43.07 m) below TOC — pH: 6.2
Water elevation: 226.19 ft (68.55 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	890	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	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	240	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	1,210	µg/L	GE
1	Phenols	10	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	2,400	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	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	1.2±1.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 11:50
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity: 2 meq/L
Sp. conductance: 31 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 16 gal

LABORATORY ANALYSES

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

ANALYTICAL RESULTS

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 8:30
Depth to water: 137.19 ft (41.82 m) below TOC — pH: 11.3
Water elevation: 231.81 ft (70.60 m) msl — Alkalinity: 93 meq/L
Sp. conductance: 595 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	pH	11	pH	GE
1	Specific conductance	580	µS/cm	GE
1	Specific conductance	580	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	150	µg/L	GE
1	Barium	150	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,800	µg/L	GE
0	Calcium	9,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chloride	2,400	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	Chloroform	<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	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Chromium	4.5	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	180	µg/L	GE
0	Fluoride	180	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	8.1	µg/L	GE
0	Iron	5.1	µg/L	GE
2	Lead	50	µg/L	GE
2	Lead	50	µg/L	GE
0	Magnesium	25	µg/L	GE
0	Magnesium	19	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	1,690	µg/L	GE
0	Nitrate as nitrogen	1,710	µg/L	GE
1	Phenols	36	µg/L	GE
1	Phenols	41	µg/L	GE
1	Potassium	10,000	µg/L	GE
1	Potassium	10,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	15,000	µg/L	GE
1	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	62,000	µg/L	GE
1	Sodium	64,000	µg/L	GE

WELL MSB 55HC collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Sulfate	56,700	µg/L	GE
1	Sulfate	56,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	233,000	µg/L	GE
0	Total dissolved solids	245,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	80	µg/L	GE
0	Total phosphates	80	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	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	<1.0	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	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	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	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	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	9.9±1.8	pCi/L	GE
0	Nonvolatile beta	9.8±1.8	pCi/L	GE
0	Total activity	-0.41±1.5	pCi/mL	EM
0	Total radium	1.3±1.5	pCi/L	GE
0	Total radium	1.1±1.5	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 10:50
Depth to water: 157.59 ft (48.03 m) below TOC — pH: 5.6
Water elevation: 211.21 ft (64.38 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 30 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 328 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,300	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE

WELL MSB 55TA collected on 08/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	83	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	140	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	420	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	3,400	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	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	<50	µg/L	GE
0	Toxaphene	<0.24	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-1,3-Dichloropropene	<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	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.50±1.3	pCi/mL	EM
0	Total radium	1.1±2.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90
Depth to water: 60.01 ft (18.29 m) below TOC
Water elevation: 219.79 ft (66.99 m) msl
Sp. conductance: 56 µS/cm
Water evacuated before sampling: 21 gal
Time: 11:45
pH: 5.0
Alkalinity: 1 meq/L
Water temperature: 27.7°C

LABORATORY ANALYSES

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

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90
Depth to water: 86.86 ft (26.52 m) below TOC
Water elevation: 220.74 ft (67.28 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 138 gal
Time: 12:25
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 23.3°C

LABORATORY ANALYSES

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

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90
Depth to water: 95.56 ft (29.13 m) below TOC
Water elevation: 222.54 ft (67.83 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.
Time: 14:15
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 23.3°C

LABORATORY ANALYSES

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

WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90
Depth to water: 143.08 ft (43.61 m) below TOC
Water elevation: 205.64 ft (62.68 m) msl
Sp. conductance: 62 µS/cm
Water evacuated before sampling: 226 gal
Time: 10:40
pH: 5.7
Alkalinity: 9 meq/L
Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	75	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<25	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	43	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	440	µg/L	GE
0	Manganese	9.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 64B collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	8,900	µg/L	GE
0	Sulfate	4,700	µg/L	GE
2	Tetrachloroethylene	39	µg/L	GE
0	Tetrachloroethylene	<25	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	865	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<25	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	2,070	µg/L	GE
2	Trichloroethylene	1,820	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<25	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<25	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.030	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.78±1.4	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 10:15
Depth to water: 128.11 ft (39.05 m) below TOC — pH: 4.7
Water elevation: 220.59 ft (67.24 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 133 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 117 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
1	Specific conductance	126	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,600	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	5.2	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	2,000	µg/L	GE
0	Manganese	8.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL MSB 64C collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Nitrate as nitrogen	14,000	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
1	Sodium	11,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	300	µg/L	GE
2	Tetrachloroethylene	256	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	102,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	249	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	145	µg/L	GE
2	Trichloroethylene	145	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	2.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
1	1,1,1-Trichloroethane	5.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	8.0±4.1	pCi/L	GE
1	Total activity	1.3±1.4	pCi/mL	EM
1	Total radium	3.5±2.6	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 9:25
Depth to water: 117.57 ft (35.84 m) below TOC
Water elevation: 231.93 ft (70.69 m) msl
The well was dry.

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 7:55
Depth to water: 166.26 ft (50.68 m) below TOC — pH: 10.9
Water elevation: 217.24 ft (66.22 m) msl — Alkalinity: 78 meq/L
Sp. conductance: 242 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 208 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
1	Specific conductance	159	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	19,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloride	1,200	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	MT
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
2	Iron	1,000	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	420	µg/L	GE
0	Manganese	6.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL MSB 66B collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	4,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	7.0	µg/L	GE
2	Tetrachloroethylene	8.8	µg/L	MT
1	Tetrachloroethylene	1.8	µg/L	MA
0	Total dissolved solids	75,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	15	µg/L	GE
0	Total phosphates	90	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	18	µg/L	GE
2	Trichloroethylene	22	µg/L	MT
2	Trichloroethylene	5.2	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	4.2±3.6	pCi/L	GE
0	Total activity	-0.14±1.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 7:55
Depth to water: 166.26 ft (50.68 m) below TOC — pH: 10.9
Water elevation: 217.24 ft (66.22 m) msl — Alkalinity: 78 meq/L
Sp. conductance: 242 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 206 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
2	Tetrachloroethylene	8.4	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	23	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 8:35
Depth to water: 156.70 ft (47.76 m) below TOC — pH: 6.1
Water elevation: 226.80 ft (69.13 m) msl — Alkalinity: 9 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 162 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,200	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	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	310	µg/L	GE

WELL MSB 66C collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Manganese	30	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	12	µg/L	GE
2	Tetrachloroethylene	13	µg/L	MA
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	42	µg/L	GE
0	Total phosphates	90	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	60	µg/L	GE
2	Trichloroethylene	64	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	1.0±1.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 7:30
Depth to water: 153.00 ft (46.63 m) below TOC
Water elevation: 230.30 ft (70.20 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 8:50
Depth to water: 180.38 ft (54.98 m) below TOC — pH: 5.6
Water elevation: 202.42 ft (61.70 m) msl — Alkalinity: 5 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 448 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	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	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	31	µg/L	GE
0	Magnesium	180	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	0.21	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	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	1.3	µg/L	MA
0	Total dissolved solids	23,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 66TA collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
1	Trichloroethylene	1.8	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.72±1.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE

WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 148.10 ft (45.14 m) below TOC
Water elevation: 217.00 ft (66.14 m) msl
Sp. conductance: 80 µS/cm
Water evacuated before sampling: 226 gal
Time: 12:55
pH: 8.8
Alkalinity: 30 meq/L
Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.8	pH	GE
2	pH	8.8	pH	GE
0	Specific conductance	81	µS/cm	GE
0	Specific conductance	81	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	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	12,000	µg/L	GE
1	Calcium	12,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chloride	1,400	µg/L	GE
1	Chloroform	1.0	µg/L	GE
1	Chloroform	1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	5.1	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	250	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	4.5	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	Nitrate as nitrogen	1,140	µg/L	GE
0	Nitrate as nitrogen	1,130	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
1	Silica	11,000	µg/L	GE
1	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA

WELL MSB 67B collected on 08/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	51,000	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	34	µg/L	GE
2	Total organic halogens	32	µg/L	GE
0	Total phosphates	90	µg/L	GE
0	Total phosphates	100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	48	µg/L	GE
2	Trichloroethylene	43	µg/L	GE
2	Trichloroethylene	71	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.29±1.1	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 137.00 ft (41.76 m) below TOC
Water elevation: 227.80 ft (69.43 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 151 gal
Time: 12:35
pH: 5.8
Alkalinity: 10 meq/L
Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,900	µg/L	GE
1	Chloroform	1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	38	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	450	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	1,900	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	7,600	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA
0	Total dissolved solids	53,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	34	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	15	µg/L	MA
2	Trichloroethylene	51	µg/L	GE
2	Trichloroethylene	79	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA

WELL MSB 67C collected on 08/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.0±2.1	pCi/L	GE
0	Nonvolatile beta	3.1±3.5	pCi/L	GE
1	Total activity	2.4±1.1	pCi/mL	EM
0	Total radium	2.2±3.4	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 132.53 ft (40.40 m) below TOC
Water elevation: 232.47 ft (70.86 m) msl
Sp. conductance: 105 µS/cm
Water evacuated before sampling: 30 gal
Time: 14:00
pH: 5.8
Alkalinity: 21 meq/L
Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
1	Specific conductance	115	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	40	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,700	µg/L	GE
1	Chloroform	2.0	µg/L	GE
0	Chloroform	<20	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	8.4	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	810	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	2,050	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	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	15,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	12	µg/L	GE
0	Tetrachloroethylene	<20	µg/L	MA
0	Total dissolved solids	61,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	1,380	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<20	µg/L	MA
2	Trichloroethylene	200	µg/L	GE
2	Trichloroethylene	2,040	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<20	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.2±2.2	pCi/L	GE
1	Total activity	33±1.7	pCi/mL	EM
0	Total radium	1.4±2.0	pCi/L	GE
2	Tritium	36±0.60	pCi/mL	GE

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 139.29 ft (42.46 m) below TOC
Water elevation: 217.61 ft (66.33 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 234 gal
Time: 14:55
pH: 4.7
Alkalinity: 1 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,400	µg/L	GE
1	Chloroform	2.0	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	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	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	1,420	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	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
2	Tetrachloroethylene	16	µg/L	GE
2	Tetrachloroethylene	19	µg/L	MA
2	Tetrachloroethylene	27	µg/L	MA
0	Total dissolved solids	27,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	76	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	6.6	µg/L	MA
1	trans-1,2-Dichloroethene	8.2	µg/L	MA
2	Trichloroethylene	63	µg/L	GE
2	Trichloroethylene	90	µg/L	MA
2	Trichloroethylene	125	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.2±2.2	pCi/L	GE
1	Total activity	0.67±1.1	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 130.69 ft (39.83 m) below TOC
Water elevation: 226.01 ft (68.89 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 169 gal
Time: 15:10
pH: 4.7
Alkalinity: 0 meq/L
Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 68C collected on 08/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,600	µg/L	GE
1	Chloroform	12	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	4.7	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	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	6.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	226	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	32	µg/L	GE
2	Trichloroethylene	618	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
1	1,1,1-Trichloroethane	1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.3±2.2	pCi/L	GE
1	Total activity	1.1±1.1	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	0.85±0.20	pCi/mL	GE

WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 — Time: 15:25
Depth to water: 124.01 ft (37.80 m) below TOC — pH: 5.0
Water elevation: 232.99 ft (71.02 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 58 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	57	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	<1.0	µg/L	GE
0	Chloride	7,800	µg/L	GE
1	Chloroform	1.0	µg/L	GE
0	Chloroform	<100	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	7.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	630	µg/L	GE
0	Manganese	23	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,220	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	7,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	33	µg/L	GE
0	Tetrachloroethylene	<100	µg/L	MA

WELL MSB 68D collected on 08/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	42,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	3,290	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Trichloroethylene	8,800	µg/L	GE
2	Trichloroethylene	4,710	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.2±2.2	pCi/L	GE
0	Nonvolatile beta	4.9±3.8	pCi/L	GE
1	Total activity	8.8±1.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	8.7±0.40	pCi/mL	GE

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 10:35
Depth to water: 162.88 ft (49.65 m) below TOC — pH: 8.2
Water elevation: 218.82 ft (66.70 m) msl — Alkalinity: 29 meq/L
Sp. conductance: 36 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 208 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,600	µg/L	GE
0	Chloride	1,300	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	200	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	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	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	1,300	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	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.44±1.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 11:20
Depth to water: 155.05 ft (47.26 m) below TOC — pH: 6.3
Water elevation: 226.75 ft (69.11 m) msl — Alkalinity: 24 meq/L
Sp. conductance: 79 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 26 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	77	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,500	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	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	59	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	730	µg/L	GE
0	Manganese	6.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,000	µg/L	GE
0	Sulfate	1,200	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	50,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	70	µg/L	GE
2	Trichloroethylene	86	µg/L	MA
2	Trichloroethylene	97	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.3±1.6	pCi/L	GE
1	Total activity	1.1±1.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 11:05
Depth to water: 149.86 ft (45.71 m) below TOC — pH: 4.7
Water elevation: 232.24 ft (70.79 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 25 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	540	µg/L	GE

WELL MSB 69D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloride	960	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	830	µg/L	GE
0	Manganese	5.9	µg/L	GE
1	Mercury	0.50	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	<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	1,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
U	Total organic halogens	7.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.4±0.70	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	5.2±1.1	pCi/mL	EM
1	Total radium	4.4±1.4	pCi/L	GE
0	Tritium	1.3±0.20	pCi/mL	GE

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 10:10
Depth to water: 168.73 ft (51.43 m) below TOC — pH: 6.4
Water elevation: 212.77 ft (64.85 m) msl — Alkalinity: 26 meq/L
Sp. conductance: 49 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 362 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.9	pH	GE
1	pH	8.8	pH	GE
0	Specific conductance	44	µS/cm	GE
0	Specific conductance	48	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,100	µg/L	GE
0	Calcium	6,400	µg/L	GE
0	Chloride	1,200	µg/L	GE
0	Chloride	1,200	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	6.7	µg/L	GE
0	Iron	4.7	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	180	µg/L	GE
0	Magnesium	180	µg/L	GE
0	Manganese	2.7	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 69TA collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	850	µg/L	GE
0	Nitrate as nitrogen	850	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	8,500	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	2,200	µg/L	GE
0	Sulfate	1,100	µg/L	GE
0	Sulfate	1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	41,000	µg/L	GE
0	Total dissolved solids	44,000	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	110	µg/L	GE
0	Total phosphates	110	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<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	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.2±1.5	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.95±1.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: 146.70 ft (44.71 m) below TOC
Water elevation: 215.50 ft (65.69 m) msl
Sp. conductance: 174 µS/cm
Water evacuated before sampling: 110 gal
Time: 10:55
pH: 5.8
Alkalinity: 11 meq/L
Water temperature: 26.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	GE
0	pH	6.5	pH	GE
1	Specific conductance	168	µS/cm	GE
1	Specific conductance	166	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Barium	29	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	7,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,800	µg/L	GE
0	Chloride	4,700	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	7.1	µg/L	GE

WELL MSB 70C collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	7.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,900	µg/L	GE
0	Magnesium	1,800	µg/L	GE
0	Manganese	21	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
1	Nitrate as nitrogen	7,600	µg/L	GE
1	Nitrate as nitrogen	7,600	µg/L	GE
1	Phenols	13	µg/L	GE
1	Phenols	12	µg/L	GE
0	Potassium	1,900	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,500	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	17,000	µg/L	GE
1	Sodium	17,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	330	µg/L	GE
2	Tetrachloroethylene	340	µg/L	GE
2	Tetrachloroethylene	298	µg/L	MA
0	Total dissolved solids	132,000	µg/L	GE
0	Total dissolved solids	122,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	178	µg/L	GE
2	Total organic halogens	191	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	36	µg/L	GE
2	Trichloroethylene	44	µg/L	GE
2	Trichloroethylene	26	µg/L	MA
1	1,1-Dichloroethylene	26	µg/L	MA
1	1,1,1-Trichloroethane	26	µg/L	GE
1	1,1,1-Trichloroethane	34	µg/L	GE
1	1,1,1-Trichloroethane	27	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	5.0±3.6	pCi/L	GE
0	Nonvolatile beta	7.3±3.9	pCi/L	GE
1	Total activity	0.42±1.0	pCi/mL	EM
1	Total radium	3.4±4.0	pCi/L	GE
1	Total radium	2.9±3.8	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: 129.71 ft (39.54 m) below TOC
Water elevation: 215.39 ft (65.65 m) msl
Sp. conductance: 1640 µS/cm
Water evacuated before sampling: 43 gal
The well went dry during purging.
Time: 15:25
pH: 11.8
Alkalinity: 121 meq/L
Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
1	Specific conductance	1,670	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	120	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	29,000	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	240	µg/L	GE

WELL MSB 71B collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	13	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	260	µg/L	GE
1	Phenols	16	µg/L	GE
1	Potassium	61,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	85,000	µg/L	GE
1	Sulfate	14,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	435,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
2	Nonvolatile beta	56±6.5	pCi/L	GE
1	Total activity	0.11±1.0	pCi/mL	EM
1	Total radium	3.7±2.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 11:40
Depth to water: 130.31 ft (39.72 m) below TOC — pH: 5.2
Water elevation: 197.89 ft (60.32 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 124 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	720	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	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	200	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	330	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	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	1,600	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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE

WELL MSB 72B collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total activity	0.62±0.98	pCi/mL	EM
0	Total radium	1.0±1.4	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 16:15
Depth to water: 141.17 ft (43.03 m) below TOC — pH: 4.5
Water elevation: 199.23 ft (60.73 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 39 µS/cm — Water temperature: 28.6°C
Water evacuated before sampling: 177 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,100	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	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	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	770	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	580	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	35,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	4,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	62,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	12	µg/L	GE
2	Trichloroethylene	12	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.0±3.5	pCi/L	GE
1	Total activity	0.48±1.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 12:40
Depth to water: 105.22 ft (32.07 m) below TOC — pH: 6.3
Water elevation: 209.28 ft (63.79 m) msl — Alkalinity: 23 meq/L
Sp. conductance: 61 µS/cm — Water temperature: 25.7°C
Water evacuated before sampling: 174 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	54	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 74B collected on 08/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<100	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	110	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	180	µg/L	GE
0	Manganese	6.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	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
1	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,100	µg/L	GE
0	Sulfate	2,200	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Tetrachloroethylene	<100	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	69,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,590	µg/L	GE
0	Total phosphates	150	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<100	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	2,900	µg/L	GE
2	Trichloroethylene	2,920	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	5.7±3.8	pCi/L	GE
1	Total activity	1.7±1.6	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 8:30
Depth to water: 105.63 ft (32.20 m) below TOC — pH: 11.2
Water elevation: 209.37 ft (63.82 m) msl — Alkalinity: 91 meq/L
Sp. conductance: 473 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 16 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	450	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	50	µg/L	GE
0	Benzene	<1.0	µg/L	GE

WELL MSB 74C collected on 08/07/90, laboratory analyses (continued)

Flag	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	15,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,200	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	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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	25	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
1	Phenols	19	µg/L	GE
1	Potassium	20,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	31,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	23,000	µg/L	GE
1	Sulfate	16,300	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
1	Toluene	4.0	µg/L	GE
0	Total dissolved solids	182,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	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-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	25	µg/L	GE
1	Trichloroethylene	1.6	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
1	Nonvolatile beta	23±5.1	pCi/L	GE
0	Total activity	-0.65±1.3	pCi/mL	EM
0	Total radium	1.4±2.1	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 8:45
Depth to water: 84.18 ft (25.66 m) below TOC — pH: 7.1
Water elevation: 230.92 ft (70.39 m) msl — Alkalinity: 38 meq/L
Sp. conductance: 97 µS/cm — Water temperature: 25.0°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.4	pH	GE
1	pH	7.4	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Specific conductance	57	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE

WELL MSB 74D collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	5.2	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	6,100	µg/L	GE
0	Calcium	6,100	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chloride	2,400	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	Chloroform	< 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	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 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	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Iron	90	µg/L	GE
0	Iron	88	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	390	µg/L	GE
0	Manganese	18	µg/L	GE
0	Manganese	19	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	1,140	µg/L	GE
0	Nitrate as nitrogen	1,140	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	7,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	5,000	µg/L	GE
1	Sodium	5,300	µg/L	GE
0	Sulfate	4,500	µg/L	GE
0	Sulfate	4,600	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE

WELL MSB 74D collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
2	Trichloroethylene	6.6	µg/L	MA
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-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	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	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	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 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	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	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	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
1	Total activity	3.6 ± 1.4	pCi/mL	EM
0	Total radium	1.0 ± 3.2	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	1.1 ± 0.20	pCi/mL	GE
0	Tritium	1.2 ± 0.20	pCi/mL	GE

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 13:55
Depth to water: 118.79 ft (36.21 m) below TOC — pH: 5.6
Water elevation: 207.91 ft (63.37 m) msl — Alkalinity: 8 meq/L
Sp. conductance: 61 µS/cm — Water temperature: 26.8°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	GE
0	Specific conductance	66	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	6,200	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
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	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Iron	79	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	600	µg/L	GE
2	Manganese	55	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 75B collected on 08/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,700	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	6,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	13,000	µg/L	GE
0	Sulfate	8,500	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	70,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	207	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	486	µg/L	GE
2	Trichloroethylene	435	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	1.9±1.7	pCi/mL	EM
1	Total radium	3.5±3.8	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90 — Time: 9:30
Depth to water: 119.73 ft (36.49 m) below TOC — pH: 6.2
Water elevation: 207.77 ft (63.33 m) msl — Alkalinity: 31 meq/L
Sp. conductance: 106 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.6	pH	GE
1	Specific conductance	118	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,900	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	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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	410	µg/L	GE
1	Manganese	35	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE

WELL MSB 75C collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	36,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	11,000	µg/L	GE
1	Sulfate	20,100	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	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 phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	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-1,3-Dichloropropene	<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	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/l	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	6.2±3.8	pCi/L	GE
1	Total activity	0.24±1.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/90 — Time: 11:20
Depth to water: 133.68 ft (40.75 m) below TOC — pH: 6.7
Water elevation: 219.12 ft (66.79 m) msl — Alkalinity: 36 meq/L
Sp. conductance: 142 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 98 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	GE
1	Specific conductance	138	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,500	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<200	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	39	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	150	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	1,970	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL MSB 76C collected on 07/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	660	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	24,000	µg/L	GE
1	Sulfate	18,200	µg/L	GE
2	Tetrachloroethylene	192	µg/L	GE
0	Tetrachloroethylene	<200	µg/L	MA
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
2	Total organic halogens	6,440	µg/L	GE
0	Total phosphates	100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<200	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	18,000	µg/L	GE
2	Trichloroethylene	16,300	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<200	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<200	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total activity	-0.36±0.95	pCi/mL	EM
0	Total radium	1.3±2.5	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90
Depth to water: 133.72 ft (40.76 m) below TOC
Water elevation: 219.08 ft (66.78 m) msl
Sp. conductance: 98 µS/cm
Water evacuated before sampling: 98 gal
Time: 16:25
pH: 6.5
Alkalinity: 23 meq/L
Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Carbon tetrachloride	1.0	µg/L	GE
1	Chloroform	3.0	µg/L	GE
0	Chloroform	<250	µg/L	MA
2	Tetrachloroethylene	170	µg/L	GE
0	Tetrachloroethylene	<250	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
2	Trichloroethylene	22,000	µg/L	GE
2	Trichloroethylene	19,600	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<250	µg/L	MA

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
Depth to water: 142.63 ft (43.47 m) below TOC
Water elevation: 205.37 ft (62.60 m) msl
Sp. conductance: 435 µS/cm
Water evacuated before sampling: 35 gal
The well went dry during purging.
Time: 10:05
pH: 11.0
Alkalinity: 122 meq/L
Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	520	µS/cm	GE
1	Arsenic	2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE

WELL MSB 79B collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,400	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	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
1	Chromium	6.2	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	150	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	38	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	35	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	720	µg/L	GE
1	Phenols	10	µg/L	GE
1	Potassium	14,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	46,000	µg/L	GE
1	Sulfate	26,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
1	Toluene	14	µg/L	GE
0	Total dissolved solids	218,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	19	µg/L	GE
0	Total phosphates	70	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	26	µg/L	GE
2	Trichloroethylene	21	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
1	Nonvolatile beta	16±4.6	pCi/L	GE
1	Total activity	1.8±1.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
Depth to water: 140.01 ft (42.68 m) below TOC
Water elevation: 207.79 ft (63.34 m) msl
Sp. conductance: 2210 µS/cm
Water evacuated before sampling: 3 ga.
The well went dry during purging.
Time: 10:20
pH: 12.0
Alkalinity: 347 meq/L
Water temperature: 19.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
1	Specific conductance	2,360	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	140	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 79C collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
1	Calcium	34,000	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
2	Chromium	48	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	87	µg/L	GE
2	Lead	31	µg/L	GE
0	Magnesium	8.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	740	µg/L	GE
1	Phenols	14	µg/L	GE
1	Potassium	26,000	µg/L	GE
1	Selenium	2.0	µg/L	GE
0	Silica	3,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	37,000	µg/L	GE
1	Sulfate	13,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Tetrachloroethylene	1.1	µg/L	MA
1	Toluene	8.0	µg/L	GE
0	Total dissolved solids	559,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	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-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	7.0	µg/L	GE
2	Trichloroethylene	6.5	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
1	Nonvolatile beta	20±4.9	pCi/L	GE
1	Total activity	0.43±1.3	pCi/mL	EM
0	Total radium	1.6±2.2	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 12:40
Depth to water: 146.37 ft (44.61 m) below TOC — pH: 8.1
Water elevation: 227.63 ft (69.38 m) msl — Alkalinity: 12 meq/L
Sp. conductance: 46 µS/cm — Water temperature: 28.1°C
Water evacuated before sampling: 143 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.3	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	27	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	30,000	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE

WELL MSB 82C collected on 08/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	970	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	1,280	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	7,300	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	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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 12:30
Depth to water: 145.03 ft (44.21 m) below TOC — pH: 9.7
Water elevation: 227.07 ft (69.21 m) msl — Alkalinity: 39 meq/L
Sp. conductance: 86 µS/cm — Water temperature: 25.5°C
Water evacuated before sampling: 130 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.8	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	12,000	µg/L	GE
0	Chloride	1,000	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	8.1	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	230	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	1,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,200	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	Tetrachloroethylene	<1.0	µg/L	MA
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	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE

WELL MSB 83C collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total activity	0.67±1.0	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	0.70±0.20	pCi/mL	GE

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/90
Depth to water: 133.78 ft (40.78 m) below TOC
Water elevation: 228.21 ft (69.56 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 100 gal
Time: 12:28
pH: 6.2
Alkalinity: 8 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

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

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: 160.97 ft (49.06 m) below TOC
Water elevation: 219.83 ft (67.00 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 229 gal
Time: 13:30
pH: 6.4
Alkalinity: 9 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.3	pH	GE
0	Specific conductance	40	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	Bromodichloromethane	<1.0	µg/L	GE
0	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	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	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	55	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	86	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	Nitrate as nitrogen	1,380	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	7,600	µg/L	GE
0	Sulfate	3,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
1	Toluene	1.0	µg/L	GE
0	Total dissolved solids	64,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

WELL MSB 85B collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	400	µg/L	GE
0	Toxaphene	<0.24	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-1,3-Dichloropropene	<1.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	1.8	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.060	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.0±3.4	pCi/L	GE
1	Total activity	0.39±1.1	pCi/mL	EM
1	Total radium	4.8±2.9	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: 157.94 ft (48.14 m) below TOC
Water elevation: 223.46 ft (68.11 m) msl
Sp. conductance: 474 µS/cm
Water evacuated before sampling: 25 gal
The well went dry during purging.
Time: 13:20
pH: 11.0
Alkalinity: 57 meq/L
Water temperature: 24.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	18	µg/L	GE
2	Trichloroethylene	21	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
Depth to water: 161.44 ft (49.21 m) below TOC
Water elevation: 219.56 ft (66.92 m) msl
Sp. conductance: 288 µS/cm
Water evacuated before sampling: 35 gal
The well went dry during purging.
Time: 13:10
pH: 9.7
Alkalinity: 37 meq/L
Water temperature: 24.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.8	pH	GE
1	Specific conductance	254	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 85TA collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	360	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	140	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	60	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
1	Phenols	6.0	µg/L	GE
1	Potassium	6,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	56,000	µg/L	GE
1	Sulfate	36,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
1	Toluene	55	µg/L	GE
0	Total dissolved solids	449,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	420	µg/L	GE
0	Toxaphene	<0.24	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-1,3-Dichloropropene	<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	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	7.7±3.8	pCi/L	GE
1	Total activity	1.1±1.4	pCi/mL	EM
1	Total radium	3.4±2.8	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 9:20
Depth to water: 134.67 ft (41.05 m) below TOC — pH: 8.4
Sp. conductance: 70 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 164 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.6	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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

WELL MSB 86C collected on 08/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	46	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	8.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,240	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	12,000	µg/L	GE
0	Sulfate	5,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
1	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 phosphates	150	µg/L	GE
0	Toxaphene	<0.24	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-1,3-Dichloropropene	<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	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.7±2.3	pCi/L	GE
1	Total activity	2.6±1.1	pCi/mL	EM
1	Total radium	3.8±2.7	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL NBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 — Time: 11:30
Depth to water: 88.47 ft (26.97 m) below TOC — pH: 4.7
Water elevation: 223.03 ft (67.98 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 93 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Iron	21	µg/L	MT
2	Lead	55	µg/L	MT
0	Manganese	17	µg/L	MT
1	Nitrate as nitrogen	7,590	µg/L	MT
0	Silica	8,840	µg/L	MT
0	Tetrachloroethylene	0.88	µg/L	MT
2	Total organic halogens	81	µg/L	MT
2	Total organic halogens	85	µg/L	MT
2	Trichloroethylene	55	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<31	pCi/L	MT
0	Cerium-141	<5.5	pCi/L	MT
0	Cerium-144	<160	pCi/L	MT
0	Cesium-134	<21	pCi/L	MT
0	Cesium-137	<3.8	pCi/L	MT
0	Cobalt-58	<3.9	pCi/L	MT
0	Cobalt-60	<4.5	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT

WELL NBG 1 collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese-54	<4.0	pCi/L	MT
0	Niobium-95	<4.1	pCi/L	MT
1	Nonvolatile beta	12±3.0	pCi/L	MT
0	Plutonium-238	<1.0	pCi/L	MT
1	Plutonium-239	1.0±0.60	pCi/L	MT
1	Radium-226	10±1.0	pCi/L	MT
0	Radium-228	<69	pCi/L	MT
0	Ruthenium-103	<3.5	pCi/L	MT
0	Ruthenium-106	<36	pCi/L	MT
0	Sodium-22	<4.9	pCi/L	MT
0	Strontium-89	<1.0	pCi/L	MT
1	Strontium-90	1.6±0.20	pCi/L	MT
1	Thorium-232	5.4±1.5	pCi/L	MT
1	Total activity	242±3.7	pCi/mL	EM
0	Total radium	1.2±0.40	pCi/L	MT
2	Tritium	190±20	pCi/mL	MT
0	Uranium-234	<1.0	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-235	<26	pCi/L	MT
0	Uranium-238	<1.0	pCi/L	MT
1	Uranium-238	84±10	pCi/L	MT
0	Zinc-65	<9.3	pCi/L	MT
0	Zirconium-95	<8.4	pCi/L	MT

WELL NBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 89.12 ft (27.16 m) below TOC
Water elevation: 223.58 ft (68.15 m) msl
Sp. conductance: 991 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 11:10
pH: 4.7
Alkalinity: 1 meq/L
Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
2	Iron	604	µg/L	MT
2	Lead	34	µg/L	MT
2	Manganese	65	µg/L	MT
2	Nitrate as nitrogen	106,000	µg/L	MT
1	Silica	10,200	µg/L	MT
1	Tetrachloroethylene	1.8	µg/L	MT
2	Total organic halogens	58	µg/L	MT
2	Trichloroethylene	19	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<29	pCi/L	MT
0	Antimony-125	<30	pCi/L	MT
0	Cerium-141	<5.8	pCi/L	MT
0	Cerium-141	<5.3	pCi/L	MT
0	Cerium-144	<190	pCi/L	MT
0	Cerium-144	<180	pCi/L	MT
0	Cesium-134	<22	pCi/L	MT
0	Cesium-134	<22	pCi/L	MT
0	Cesium-137	<3.8	pCi/L	MT
0	Cesium-137	<3.8	pCi/L	MT
0	Cobalt-58	<3.8	pCi/L	MT
0	Cobalt-58	<3.8	pCi/L	MT
0	Cobalt-60	<5.2	pCi/L	MT
0	Cobalt-60	<4.7	pCi/L	MT
1	Gross alpha	9.8±3.3	pCi/L	MT
0	Manganese-54	<4.1	pCi/L	MT
0	Manganese-54	<3.7	pCi/L	MT
0	Niobium-95	<4.4	pCi/L	MT
0	Niobium-95	<4.0	pCi/L	MT
2	Nonvolatile beta	67±7.0	pCi/L	MT
0	Plutonium-238	<1.0	pCi/L	MT
0	Plutonium-239	<1.0	pCi/L	MT
1	Radium-226	8.7±1.5	pCi/L	MT
1	Radium-226	7.8±1.2	pCi/L	MT
0	Radium-228	<70	pCi/L	MT
0	Radium-228	<65	pCi/L	MT
0	Ruthenium-103	<3.7	pCi/L	MT
0	Ruthenium-103	<3.3	pCi/L	MT
0	Ruthenium-106	<36	pCi/L	MT
0	Ruthenium-106	<32	pCi/L	MT
0	Sodium-22	<5.4	pCi/L	MT
0	Sodium-22	<5.7	pCi/L	MT
0	Strontium-89	<1.5	pCi/L	MT
1	Strontium-90	2.6±0.30	pCi/L	MT
1	Thorium-232	6.0±1.7	pCi/L	MT
1	Thorium-232	3.5±1.6	pCi/L	MT
1	Total activity	3,050±40	pCi/mL	EM
2	Total radium	6.6±0.80	pCi/L	MT

WELL NBG 2 collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Tritium	2,500±300	pCi/mL	MT
0	Uranium-234	<1.0	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-235	<28	pCi/L	MT
0	Uranium-235	<24	pCi/L	MT
0	Uranium-238	<1.0	pCi/L	MT
0	Uranium-238	<86	pCi/L	MT
0	Uranium-238	<80	pCi/L	MT
0	Zinc-65	<9.7	pCi/L	MT
0	Zinc-65	<9.3	pCi/L	MT
0	Zirconium-95	<9.1	pCi/L	MT
0	Zirconium-95	<8.5	pCi/L	MT

WELL NBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 97.52 ft (29.72 m) below TOC
Water elevation: 214.88 ft (65.50 m) msl
Sp. conductance: 98 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 12:50
pH: 5.9
Alkalinity: 29 meq/L
Water temperature: 23.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Manganese	<1.0	µg/L	MT
0	Nitrate as nitrogen	1,980	µg/L	MT
0	Silica	6,510	µg/L	MT
1	Tetrachloroethylene	1.0	µg/L	MT
1	Total organic halogens	15	µg/L	MT
2	Trichloroethylene	3.9	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<21	pCi/L	MT
0	Cerium-141	<6.0	pCi/L	MT
0	Cerium-144	<140	pCi/L	MT
0	Cesium-134	<15	pCi/L	MT
0	Cesium-137	<2.6	pCi/L	MT
0	Cobalt-58	<3.5	pCi/L	MT
0	Cobalt-60	<3.3	pCi/L	MT
0	Gross alpha	4.3±2.1	pCi/L	MT
0	Manganese-54	<2.8	pCi/L	MT
0	Niobium-95	<4.4	pCi/L	MT
0	Nonvolatile beta	9.7±3.4	pCi/L	MT
0	Plutonium-238	<1.0	pCi/L	MT
1	Plutonium-239	1.3±0.70	pCi/L	MT
1	Radium-226	11±2.0	pCi/L	MT
1	Radium-228	5.4±1.9	pCi/L	MT
0	Ruthenium-103	<3.6	pCi/L	MT
0	Ruthenium-106	<24	pCi/L	MT
0	Sodium-22	<3.6	pCi/L	MT
0	Strontium-89	<1.0	pCi/L	MT
1	Strontium-90	1.2±0.20	pCi/L	MT
1	Thorium-232	5.4±1.1	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
1	Tritium	13±2.0	pCi/mL	MT
1	Uranium-234	1.4±0.70	pCi/L	MT
0	Uranium-235	<18	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-238	<57	pCi/L	MT
1	Uranium-238	1.0±0.60	pCi/L	MT
0	Zinc-65	<7.0	pCi/L	MT
0	Zirconium-95	<7.6	pCi/L	MT

ANALYTICAL RESULTS

WELL NBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 92.11 ft (28.08 m) below TOC
Water elevation: 214.39 ft (65.35 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 12:25
pH: 4.8
Alkalinity: 3 meq/L
Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Iron	37	µg/L	MT
0	Lead	15	µg/L	MT
0	Manganese	2.9	µg/L	MT
0	Nitrate as nitrogen	1,100	µg/L	MT
0	Silica	7,340	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Trichloroethylene	1.7	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<28	pCi/L	MT
0	Cerium-141	<5.3	pCi/L	MT
0	Cerium-144	<180	pCi/L	MT
0	Cesium-134	<21	pCi/L	MT
0	Cesium-137	<4.0	pCi/L	MT
0	Cobalt-58	<3.8	pCi/L	MT
0	Cobalt-60	<4.9	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Manganese-54	<4.1	pCi/L	MT
0	Niobium-95	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Plutonium-238	<1.0	pCi/L	MT
0	Plutonium-239	<1.0	pCi/L	MT
1	Radium-226	9.9±1.2	pCi/L	MT
0	Radium-228	<69	pCi/L	MT
0	Ruthenium-103	<3.3	pCi/L	MT
0	Ruthenium-106	<34	pCi/L	MT
0	Sodium-22	<4.8	pCi/L	MT
0	Strontium-89	<1.0	pCi/L	MT
0	Strontium-90	<1.0	pCi/L	MT
1	Thorium-232	4.4±1.4	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	6.3±0.70	pCi/mL	MT
0	Uranium-234	<1.0	pCi/L	MT
0	Uranium-235	<24	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-238	<79	pCi/L	MT
0	Uranium-238	<1.0	pCi/L	MT
0	Zinc-65	<9.3	pCi/L	MT
0	Zirconium-95	<8.2	pCi/L	MT

WELL NBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 88.69 ft (27.03 m) below TOC
Water elevation: 214.81 ft (65.47 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 12:00
pH: 5.0
Alkalinity: 7 meq/L
Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Iron	13	µg/L	MT
0	Lead	11	µg/L	MT
0	Manganese	2.6	µg/L	MT
0	Nitrate as nitrogen	1,030	µg/L	MT
0	Silica	6,150	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Trichloroethylene	1.5	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<28	pCi/L	MT
0	Cerium-141	<5.2	pCi/L	MT
0	Cerium-144	<170	pCi/L	MT
0	Cesium-134	<20	pCi/L	MT
0	Cesium-137	<3.8	pCi/L	MT
0	Cobalt-58	<3.6	pCi/L	MT
0	Cobalt-60	<4.7	pCi/L	MT
0	Gross alpha	1.8±1.4	pCi/L	MT

WELL NBG 5 collected on 09/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese-54	<3.7	pCi/L	MT
0	Niobium-95	<3.6	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Plutonium-238	<1.0	pCi/L	MT
0	Plutonium-238	<1.0	pCi/L	MT
0	Plutonium-239	<1.0	pCi/L	MT
0	Plutonium-239	<1.0	pCi/L	MT
1	Radium-226	11±2.0	pCi/L	MT
0	Radium-228	<83	pCi/L	MT
0	Ruthenium-103	<3.2	pCi/L	MT
0	Ruthenium-106	<31	pCi/L	MT
0	Sodium-22	<4.9	pCi/L	MT
0	Strontium-89	<1.0	pCi/L	MT
0	Strontium-90	<1.0	pCi/L	MT
1	Thorium-232	6.0±1.6	pCi/L	MT
0	Total radium	1.4±0.40	pCi/L	MT
0	Tritium	7.9±0.80	pCi/mL	MT
0	Uranium-234	<1.0	pCi/L	MT
0	Uranium-235	<24	pCi/L	MT
0	Uranium-235	<1.0	pCi/L	MT
0	Uranium-238	<75	pCi/L	MT
0	Uranium-238	<1.0	pCi/L	MT
0	Zinc-65	<8.0	pCi/L	MT
0	Zirconium-95	<7.9	pCi/L	MT

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 41.18 ft (12.55 m) below TOC
Water elevation: 113.32 ft (34.54 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 233 gal

Time: 14:15
pH: 4.9
Alkalinity: 3 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,700	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	710	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	490	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	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	1,200	µg/L	GE
0	Sulfate	6,700	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	44,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	130	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL P 26A collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
1	Americium-241	1.5±0.80	pCi/L	MT
0	Antimony-125	<23	pCi/L	MT
0	Cerium-141	<2.9	pCi/L	MT
0	Cerium-144	<140	pCi/L	MT
0	Cesium-134	<16	pCi/L	MT
0	Cesium-137	<3.0	pCi/L	MT
0	Cobalt-58	<3.2	pCi/L	MT
0	Cobalt-60	<3.9	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Manganese-54	<3.0	pCi/L	MT
0	Niobium-95	<3.1	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Plutonium-238	< 1.0	pCi/L	MT
0	Plutonium-239	< 1.0	pCi/L	MT
1	Radium-226	1.0±0.40	pCi/L	MT
1	Radium-226	8.1±1.0	pCi/L	MT
0	Radium-228	< 1.2	pCi/L	MT
0	Radium-228	<50	pCi/L	MT
0	Ruthenium-103	<2.6	pCi/L	MT
0	Ruthenium-106	<26	pCi/L	MT
0	Sodium-22	<4.1	pCi/L	MT
0	Strontium-89	< 1.0	pCi/L	MT
1	Strontium-90	1.4±0.20	pCi/L	MT
0	Thorium-228	< 1.0	pCi/L	MT
0	Thorium-230	< 1.0	pCi/L	MT
1	Thorium-232	6.5±1.1	pCi/L	MT
0	Thorium-232	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Uranium-234	< 1.0	pCi/L	MT
0	Uranium-235	< 1.0	pCi/L	MT
0	Uranium-235	< 12	pCi/L	MT
0	Uranium-238	< 1.0	pCi/L	MT
0	Uranium-238	< 110	pCi/L	MT
0	Zinc-65	< 10	pCi/L	MT
0	Zirconium-95	<6.8	pCi/L	MT

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90 Time: 14:50
Depth to water: 48.35 ft (14.74 m) below TOC pH: 6.1
Water elevation: 106.15 ft (32.35 m) msl Alkalinity: 23 meq/L
Sp. conductance: 80 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 83 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	11,000	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	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	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	500	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL P 26B collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	540	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	9,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	2,500	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
1	Americium-241	6.3±1.2	pCi/L	MT
1	Americium-241	9.3±1.4	pCi/L	MT
0	Antimony-125	<18	pCi/L	MT
0	Cerium-141	<2.4	pCi/L	MT
0	Cerium-144	<120	pCi/L	MT
0	Cesium-134	<13	pCi/L	MT
0	Cesium-137	<2.5	pCi/L	MT
0	Cobalt-58	<2.7	pCi/L	MT
0	Cobalt-60	<3.2	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Manganese-54	<2.6	pCi/L	MT
0	Niobium-95	<2.4	pCi/L	MT
0	Nonvolatile beta	2.4	pCi/L	GE
0	Plutonium-238	< 1.0	pCi/L	MT
1	Plutonium-239	1.6±0.90	pCi/L	MT
0	Radium-226	< 1.0	pCi/L	MT
1	Radium-226	8.4±0.90	pCi/L	MT
0	Radium-228	< 1.6	pCi/L	MT
0	Radium-228	< 42	pCi/L	MT
0	Ruthenium-103	<2.2	pCi/L	MT
0	Ruthenium-106	<22	pCi/L	MT
0	Sodium-22	<3.5	pCi/L	MT
0	Strontium-89	< 1.0	pCi/L	MT
0	Strontium-90	< 1.0	pCi/L	MT
1	Thorium-228	4.6±0.90	pCi/L	MT
1	Thorium-230	1.5±0.70	pCi/L	MT
1	Thorium-232	3.7±0.80	pCi/L	MT
1	Thorium-232	1.9±0.60	pCi/L	MT
0	Total radium	1.6±2.1	pCi/L	GE
0	Tritium	3.5±0.30	pCi/mL	GE
1	Uranium-234	1.7±1.2	pCi/L	MT
0	Uranium-235	< 11	pCi/L	MT
0	Uranium-235	< 1.0	pCi/L	MT
0	Uranium-238	<92	pCi/L	MT
0	Uranium-238	< 1.0	pCi/L	MT
0	Zinc-65	<7.5	pCi/L	MT
0	Zirconium-95	<5.6	pCi/L	MT

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90 Time: 15:20
Depth to water: 41.77 ft (12.73 m) below TOC
Water elevation: 112.73 ft (34.36 m) msl
Inaccessibility or pump failure prevented sample collection.

ANALYTICAL RESULTS

WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 12:10
Depth to water: 13.04 ft (3.97 m) below TOC — pH: 4.5
Water elevation: 282.86 ft (86.22 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 37 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Turbidity	37	NTU	GE
0	Turbidity	37	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Barium	16	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	440	µg/L	GE
0	Calcium	420	µg/L	GE
0	Chloride	3,700	µg/L	GE
0	Chloride	3,700	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	58	µg/L	GE
0	Iron	51	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	210	µg/L	GE
0	Magnesium	200	µg/L	GE
0	Magnesium	200	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	Nitrate as nitrogen	860	µg/L	GE
0	Nitrate as nitrogen	860	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<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	4,600	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,100	µg/L	GE
0	Sodium	4,800	µg/L	GE
0	Sulfate	2,200	µg/L	GE
0	Sulfate	2,200	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total dissolved solids	23,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
1	Tritium	11±0.40	pCi/mL	GE
1	Tritium	12±0.40	pCi/mL	GE

WELL PAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 10:50
Depth to water: 16.79 ft (5.12 m) below TOC — pH: 5.7
Water elevation: 268.01 ft (81.69 m) msl — Alkalinity: 20 meq/L
Sp. conductance: 95 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	pH	5.8	pH	MT
0	Specific conductance	88	µS/cm	GE
1	Specific conductance	108	µS/cm	MT
0	Turbidity	22	NTU	GE
0	Turbidity	14	NTU	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	37	µg/L	GE
0	Barium	36	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	8,200	µg/L	GE
0	Calcium	4,830	µg/L	MT
0	Chloride	9,400	µg/L	GE
1	Chloride	10,700	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	4,500	µg/L	GE
2	Iron	3,980	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,000	µg/L	GE
0	Magnesium	1,000	µg/L	MT
2	Manganese	82	µg/L	GE
2	Manganese	70	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,000	µg/L	GE
0	Potassium	927	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	8,500	µg/L	GE
0	Silica	8,350	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
1	Sodium	5,700	µg/L	GE
1	Sodium	5,330	µg/L	MT
0	Sulfate	8,400	µg/L	GE
0	Sulfate	7,380	µg/L	MT
0	Total dissolved solids	50,000	µg/L	GE
0	Total dissolved solids	64,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,350	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	5.8	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	53	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	3.2±3.5	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.3±3.2	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

WELL PAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 10:50
Depth to water: 16.79 ft (5.12 m) below TOC — pH: 5.7
Water elevation: 268.01 ft (81.69 m) msl — Alkalinity: 20 meq/L
Sp. conductance: 95 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	5.7	pH	MT
0	pH	5.8	pH	MT
0	Specific conductance	89	µS/cm	GE
0	Specific conductance	99	µS/cm	MT
1	Specific conductance	103	µS/cm	MT
0	Turbidity	21	NTU	GE
0	Turbidity	14	NTU	MT
0	Turbidity	14	NTU	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	36	µg/L	GE
0	Barium	39	µg/L	MT
0	Barium	37	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	6,000	µg/L	GE
0	Calcium	5,200	µg/L	MT
0	Calcium	4,880	µg/L	MT
0	Chloride	8,700	µg/L	GE
1	Chloride	10,800	µg/L	MT
1	Chloride	10,700	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
2	Iron	4,200	µg/L	GE
2	Iron	4,310	µg/L	MT
2	Iron	4,050	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,000	µg/L	GE
0	Magnesium	1,090	µg/L	MT
0	Magnesium	1,020	µg/L	MT
2	Manganese	57	µg/L	GE
2	Manganese	75	µg/L	MT
2	Manganese	71	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,000	µg/L	GE
0	Potassium	1,000	µg/L	MT
0	Potassium	938	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	8,500	µg/L	GE
0	Silica	9,060	µg/L	MT
0	Silica	8,480	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
1	Sodium	5,800	µg/L	GE
1	Sodium	5,810	µg/L	MT
1	Sodium	5,420	µg/L	MT
0	Sulfate	8,300	µg/L	GE
0	Sulfate	7,410	µg/L	MT
0	Sulfate	7,360	µg/L	MT
0	Total dissolved solids	50,000	µg/L	GE
0	Total dissolved solids	67,000	µg/L	MT
0	Total dissolved solids	62,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,510	µg/L	MT
0	Total organic carbon	1,470	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	5.6	µg/L	MT
0	Total organic halogens	7.2	µg/L	MT
0	Total phosphates	<50	µg/L	GE

WELL PAC 2 collected on 08/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total phosphates	48	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	2.2±3.4	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<1.0	pCi/mL	MT

WELL PAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 10:05
Depth to water: 21.77 ft (6.64 m) below TOC — pH: 5.3
Water elevation: 268.13 ft (81.73 m) msl — Alkalinity: 8 meq/L
Sp. conductance: 342 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 82 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
1	Specific conductance	343	µS/cm	GE
0	Turbidity	4.1	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	32	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,800	µg/L	GE
1	Chloride	23,100	µg/L	GE
1	Chromium	4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	140	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
2	Iron	340	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	4,600	µg/L	GE
1	Manganese	36	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	2,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	16,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	41,000	µg/L	GE
1	Sulfate	98,200	µg/L	GE
0	Total dissolved solids	206,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	6.2±4.3	pCi/L	GE
0	Total radium	1.6±2.2	pCi/L	GE
0	Tritium	8.6±0.40	pCi/mL	GE

WELL PAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90 — Time: 11:35
Depth to water: 8.60 ft (2.62 m) below TOC — pH: 4.9
Water elevation: 283.00 ft (86.26 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 191 µS/cm — Water temperature: 23.0°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
1	Specific conductance	186	µS/cm	GE
0	Turbidity	272	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE

ANALYTICAL RESULTS

WELL PAC 4 collected on 08/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	340	µg/L	GE
0	Chloride	5,900	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	37	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	270	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	870	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	6,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	34,000	µg/L	GE
1	Sulfate	55,600	µg/L	GE
0	Total dissolved solids	126,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	190	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.3±4.3	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	8.8±0.40	pCi/mL	GE

WELL PAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
Depth to water: 19.31 ft (5.89 m) below TOC
Water elevation: 269.99 ft (82.29 m) msl
Sp. conductance: 823 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 9:05
pH: 6.4
Alkalinity: 191 meq/L
Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	GE
1	Specific conductance	900	µS/cm	GE
0	Turbidity	17	NTU	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	88	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	31,000	µg/L	GE
0	Chloride	8,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
1	Iron	230	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Magnesium	20,000	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	240	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	19,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	71,000	µg/L	GE
2	Sulfate	321,000	µg/L	GE
0	Total dissolved solids	1.58E+06	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	8.9±4.4	pCi/L	GE
0	Total radium	1.6±2.2	pCi/L	GE
1	Tritium	10±0.40	pCi/mL	GE

WELL PAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
Depth to water: 18.26 ft (5.57 m) below TOC
Water elevation: 271.14 ft (82.64 m) msl
Sp. conductance: 260 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 8:50
pH: 6.3
Alkalinity: 100 meq/L
Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.0	pH	GE
1	Specific conductance	264	µS/cm	GE
0	Turbidity	45	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	15,000	µg/L	GE
0	Chloride	6,100	µg/L	GE
1	Chromium	4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	54	µg/L	GE
0	Iron	64	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	3,200	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	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	960	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	20,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	28,000	µg/L	GE
1	Sulfate	16,400	µg/L	GE
0	Total dissolved solids	160,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	5.9±3.7	pCi/L	GE
0	Total radium	1.7±2.2	pCi/L	GE
0	Tritium	2.5±0.30	pCi/mL	GE

WELL PCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90
Depth to water: 29.73 ft (9.06 m) below TOC
Water elevation: 275.77 ft (84.06 m) msl
Sp. conductance: 126 µS/cm
Water evacuated before sampling: 34 gal

Time: 12:35
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 26.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo bifluoranthene	<10	µg/L	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT

WELL PCB 1A collected on 08/24/90, laboratory analyses *(continued)*

Flag	Analyte	Result	Unit	Lab
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Endosulfan	<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	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Chlordane	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	MT
0	Copper	8.9	µg/L	GE
1	Copper	22	µg/L	MT
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	MT
0	Dibenzofuran	<10	µg/L	MT
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	MT
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	MT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<10	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	MT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	MT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	MT
2	Iron	1,800	µg/L	GE
2	Iron	1,830	µg/L	MT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	MT
0	Lead	17	µg/L	GE
0	Lead	19	µg/L	MT
2	Manganese	360	µg/L	GE
2	Manganese	364	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	2.9	µg/L	MT
0	Nickel	3.4	µg/L	MT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	MT
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	para-Chloro-meta-cresol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE

WELL PCB 1A collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	GE
0	Phenols	<10	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
1	Sulfate	46,700	µg/L	GE
1	Sulfate	34,700	µg/L	MT
0	Sulfate	3,490	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	8.3	µg/L	MT
0	Toxaphene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT

WELL PCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90
Depth to water: 29.73 ft (9.06 m) below TOC
Water elevation: 275.77 ft (84.06 m) msl
Sp. conductance: 128 µS/cm
Water evacuated before sampling: 34 gal

Time: 12:35
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 26.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[b]fluoranthene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL PCB 1A collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 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	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 1.5	µg/L	MT
0	Chlordane	< 10	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 2.5	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	Copper	6.2	µg/L	GE
0	Copper	12	µg/L	MT
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
2	Iron	1,800	µg/L	GE
2	Iron	1,700	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Lead	14	µg/L	GE
0	Lead	13	µg/L	MT
2	Manganese	370	µg/L	GE
2	Manganese	385	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	3.8	µg/L	MT
0	Nickel	< 2.5	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
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	para-Chloro-meta-cresol	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE

WELL PCB 1A collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
1	Sulfate	44,200	µg/L	GE
1	Sulfate	32,600	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	6.1	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT

WELL PCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90
Depth to water: 30.27 ft (9.23 m) below TOC
Water elevation: 274.63 ft (83.71 m) msl
Sp. conductance: 60 µS/cm
Water evacuated before sampling: 44 gal

Time: 13:25
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT

WELL PCB 2A collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 1.6	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chrysene	< 10	µg/L	MT
0	Copper	6.0	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iron	23	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Lead	2.7	µg/L	MT
0	Manganese	19	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	<2.5	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Sulfate	6,340	µg/L	MT
0	Total organic halogens	6.4	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Total radium	< 1.0	pCi/L	MT

WELL PCB 3A collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 3.0	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
1	Cadmium	4.4	µg/L	MT
2	Chromium	30	µg/L	MT
0	Chrysene	< 10	µg/L	MT
1	Copper	261	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
2	Iron	1,110	µg/L	MT
0	Isophorone	< 10	µg/L	MT
2	Lead	36	µg/L	MT
2	Manganese	1,090	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
1	N-Nitrosodiphenylamine	J 2.0	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
2	Nickel	345	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
2	Sulfate	463,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Total radium	2.1 ±0.40	pCi/L	MT

WELL PCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 14:10
Depth to water: 25.13 ft (7.66 m) below TOC — pH: 3.6
Water elevation: 270.47 ft (85.18 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 726 µS/cm — Water temperature: 27.8°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT

WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/90 — Time: 13:50
Depth to water: 34.85 ft (10.62 m) below TOC — pH: 4.1
Water elevation: 274.75 ft (83.74 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 108 µS/cm — Water temperature: 28.0°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Benzidine	<50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo bifluoranthene	< 10	µg/L	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL PDB 4A collected on 08/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
0	Chrysene	< 10	µg/L	MT
1	Copper	28	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iron	123	µg/L	MT
0	Isophorone	< 10	µg/L	MT
1	Lead	21	µg/L	MT
2	Manganese	56	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
1	Nickel	15	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Sulfate	25,500	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Nitrophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	4-Bromophenyl phenyl ether	< 10	µg/L	MT
0	4-Chloro-3-methylphenol	< 10	µg/L	MT
0	4-Chloroaniline	< 10	µg/L	MT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	Total radium	1.5 ± 0.30	pCi/L	MT

WELL PDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 46.44 ft (14.16 m) below TOC
Water elevation: 273.06 ft (83.23 m) msl
Sp. conductance: 87 µS/cm
Water evacuated before sampling: 66 gal

Time: 14:25
pH: 5.0
Alkalinity: 2 meq/L
Water temperature: 25.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Lead	31	µg/L	MT
1	Total activity	1,110 ± 7.5	pCi/mL	EM
2	Tritium	890 ± 90	pCi/mL	MT

WELL PDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90
Depth to water: 46.15 ft (14.07 m) below TOC
Water elevation: 273.35 ft (83.32 m) msl
Sp. conductance: 87 µS/cm
Water evacuated before sampling: 66 gal

Time: 13:50
pH: 5.0
Alkalinity: 2 meq/L
Water temperature: 25.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	4.0	µg/L	MT
2	Lead	72	µg/L	MT
2	Tritium	120 ± 20	pCi/mL	MT

WELL PRP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90
Depth to water: 38.93 ft (11.87 m) below TOC
Water elevation: 245.87 ft (74.88 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 34 gal

Time: 14:20
pH: 4.2
Alkalinity: 0 meq/L
Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Iron	100	µg/L	GE
0	Lead	18	µg/L	GE
0	Manganese	6.9	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
1	Total organic halogens	14	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
2	Tritium	105 ± 1.0	pCi/mL	GE

WELL PRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90
Depth to water: 36.03 ft (10.98 m) below TOC
Water elevation: 250.37 ft (76.31 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 43 gal

Time: 14:45
pH: 4.5
Alkalinity: 0 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Iron	73	µg/L	GE
0	Iron	92	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Manganese	5.2	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Tritium	5.8 ± 0.30	pCi/mL	GE
0	Tritium	5.9 ± 0.30	pCi/mL	GE

WELL PRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 — Time: 15:25
Depth to water: 29.70 ft (9.05 m) below TOC — pH: 4.3
Water elevation: 251.00 ft (76.51 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 107 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/l	GE
0	Chromium	< 4.0	µg/L	GE
1	Iron	220	µg/L	GE
2	Lead	38	µg/L	GE
2	Manganese	71	µg/L	GE
2	Tetrachloroethylene	37	µg/L	GE
2	Total organic halogens	396	µg/L	GE
2	Trichloroethylene	72	µg/L	GE
2	1,1,1-Trichloroethane	320	µg/L	GE
1	Tritium	14±0.40	pCi/mL	GE

WELL PRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 — Time: 15:45
Depth to water: 30.15 ft (9.19 m) below TOC — pH: 4.1
Water elevation: 254.55 ft (77.59 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 32 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Iron	10	µg/L	GE
0	Iron	7.9	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Tritium	6.3±0.30	pCi/mL	GE

WELL PSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 14:05
Depth to water: 56.90 ft (17.34 m) below TOC — pH: 8.0
Water elevation: 272.20 ft (82.97 m) msl — Alkalinity: 7 meq/L
Sp. conductance: 47 µS/cm — Water temperature: 23.0°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
1	Copper	82	µg/L	MT
0	Lead	17	µg/L	MT
0	Nitrate as nitrogen	1,420	µg/L	MT
0	Gross alpha	0.80±0.83	pCi/L	EM
0	Nonvolatile beta	7.8±1.5	pCi/L	EM
1	Total activity	2.4E+5±2,700	pCi/mL	EM
2	Tritium	1.7E+5±20000	pCi/ml	MT
2	Tritium	1.9E+5±2,100	pCi/mL	EM

WELL PSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 13:10
Depth to water: 51.98 ft (15.84 m) below TOC — pH: 4.2
Water elevation: 271.74 ft (82.83 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 199 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
1	Copper	88	µg/L	MT
0	Lead	9.4	µg/L	MT
2	Nitrate as nitrogen	19,300	µg/L	MT
0	Gross alpha	2.1±1.7	pCi/L	EM
0	Nonvolatile beta	4.9±1.6	pCi/L	EM
1	Total activity	1.3E+5±1,300	pCi/mL	EM
2	Tritium	94,000±10,000	pCi/mL	MT
2	Tritium	1.1E+5±1,000	pCi/mL	EM

WELL PSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 12:30
Depth to water: 48.24 ft (14.70 m) below TOC — pH: 4.4
Water elevation: 270.36 ft (82.41 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 48 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
1	Copper	409	µg/L	MT
2	Lead	59	µg/L	MT
0	Nitrate as nitrogen	2,830	µg/L	MT
0	Gross alpha	1.9±1.3	pCi/L	EM
0	Nonvolatile beta	4.8±1.2	pCi/L	EM
1	Total activity	40,900±500	pCi/mL	EM
2	Tritium	37,000±4,000	pCi/mL	MT
2	Tritium	34,200±400	pCi/mL	EM
2	Tritium	42,600±650	pCi/mL	EM

WELL PSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 12:10
Depth to water: 43.40 ft (13.23 m) below TOC — pH: 4.4
Water elevation: 269.10 ft (82.02 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 37 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
1	Copper	443	µg/L	MT
2	Lead	57	µg/L	MT
0	Nitrate as nitrogen	2,310	µg/L	MT
0	Gross alpha	2.5±1.4	pCi/L	EM
0	Nonvolatile beta	2.9±1.0	pCi/L	EM
1	Total activity	25,200±120	pCi/mL	EM
2	Tritium	18,000±2,000	pCi/mL	MT
2	Tritium	20,800±100	pCi/mL	EM
2	Tritium	47,500±480	pCi/mL	EM

ANALYTICAL RESULTS

WELL PSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 16:15
Depth to water: 48.50 ft (14.80 m) below TOC — pH: 5.1
Water elevation: 270.74 ft (82.52 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 42 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
2	Copper	1,430	µg/L	MT
2	Lead	85	µg/L	MT
0	Nitrate as nitrogen	2,450	µg/L	MT
0	Gross alpha	2.1 ± 1.3	pCi/L	EM
0	Nonvolatile beta	2.2 ± 0.97	pCi/L	EM
2	Tritium	24 ± 3.0	pCi/mL	MT

WELL PSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 16:00
Depth to water: 51.83 ft (15.74 m) below TOC — pH: 4.8
Water elevation: 272.57 ft (83.08 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 52 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
1	Copper	170	µg/L	MT
0	Lead	19	µg/L	MT
0	Nitrate as nitrogen	2,780	µg/L	MT
0	Gross alpha	-0.15 ± 0.32	pCi/L	EM
0	Nonvolatile beta	3.0 ± 1.1	pCi/L	EM
1	Total activity	1.2E+5 ± 2,000	pCi/mL	EM
2	Tritium	81,000 ± 9,000	pCi/mL	MT
2	Tritium	90,700 ± 1,500	pCi/mL	EM

WELL PSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90 — Time: 14:35
Depth to water: 56.01 ft (17.08 m) below TOC — pH: 5.4
Water elevation: 272.89 ft (83.12 m) msl — Alkalinity: 12 meq/L
Sp. conductance: 64 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 1.5	µg/L	MT
0	Chromium	< 2.5	µg/L	MT
1	Copper	187	µg/L	MT
0	Lead	18	µg/L	MT
0	Nitrate as nitrogen	2,420	µg/L	MT
0	Nitrate as nitrogen	2,420	µg/L	MT
0	Gross alpha	1.0 ± 1.0	pCi/L	EM
0	Nonvolatile beta	2.1 ± 0.98	pCi/L	EM
1	Total activity	11,600 ± 290	pCi/mL	EM
2	Tritium	8,200 ± 900	pCi/mL	MT
2	Tritium	9,320 ± 210	pCi/mL	EM

WELL PSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 — Time: 11:40
Depth to water: 20.31 ft (6.19 m) below TOC — pH: 4.7
Water elevation: 100.20 ft (30.74 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 14 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Calcium	780	µg/L	GE
0	Chloride	1,600	µg/L	GE
0	Magnesium	400	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	5,200	µg/L	GE
0	Sodium	630	µg/L	GE
0	Total dissolved solids	10,000	µg/L	GE
0	Total radium	1.2 ± 2.0	pCi/L	GE

WELL PSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 — Time: 12:25
Depth to water: 33.83 ft (10.31 m) below TOC — pH: 4.2
Water elevation: 104.87 ft (59.40 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 16 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.1	pH	MT
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	21	µS/cm	MT
0	Calcium	880	µg/L	GE
0	Calcium	821	µg/L	MT
0	Chloride	1,700	µg/L	GE
0	Chloride	1,670	µg/L	MT
0	Magnesium	490	µg/L	GE
0	Magnesium	384	µg/L	MT
0	Manganese	4.4	µg/L	GE
0	Manganese	5.1	µg/L	MT
0	Nitrate as nitrogen	980	µg/L	GE
0	Nitrate as nitrogen	570	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	MT
0	Silica	5,400	µg/L	GE
0	Silica	5,100	µg/L	MT
0	Sodium	630	µg/L	GE
0	Sodium	1,000	µg/L	MT
0	Total dissolved solids	107,000	µg/L	GE
0	Total dissolved solids	56,000	µg/L	MT
0	Total radium	1.7 ± 2.2	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT

WELL PSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 — Time: 12:25
Depth to water: 33.83 ft (10.31 m) below TOC — pH: 4.2
Water elevation: 104.87 ft (59.40 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 16 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	MT
0	pH	5.1	pH	MT
0	Specific conductance	20	µS/cm	GE

WELL PSS 3D collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Specific conductance	20	µS/cm	MT
0	Specific conductance	20	µS/cm	MT
0	Calcium	1,500	µg/L	GE
0	Calcium	804	µg/L	MT
0	Chloride	1,700	µg/L	GE
0	Chloride	1,600	µg/L	MT
0	Magnesium	390	µg/L	GE
0	Magnesium	372	µg/L	MT
0	Manganese	4.3	µg/L	GE
0	Manganese	4.7	µg/L	MT
0	Nitrate as nitrogen	950	µg/L	GE
0	Nitrate as nitrogen	880	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	MT
0	Silica	6,000	µg/L	GE
0	Silica	5,050	µg/L	MT
0	Sodium	1,900	µg/L	GE
0	Sodium	936	µg/L	MT
0	Total dissolved solids	150,000	µg/L	GE
0	Total dissolved solids	59,000	µg/L	MT
0	Total dissolved solids	54,000	µg/L	MT
0	Total radium	1.2±2.0	pCi/L	GE
0	Total radium	1.4±0.40	pCi/L	MT

WELL PSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 10 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.
Time: 13:00
pH: 6.0
Alkalinity: 1 meq/L
Water temperature: 23.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Calcium	960	µg/L	GE
0	Chloride	1,000	µg/L	GE
0	Magnesium	160	µg/L	GE
1	Manganese	25	µg/L	GE
0	Nitrate as nitrogen	520	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	4,700	µg/L	GE
0	Sodium	700	µg/L	GE
0	Total dissolved solids	9,000	µg/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL RAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90
Depth to water: 10.85 ft (3.31 m) below TOC
Water elevation: 272.75 ft (83.14 m) msl
Sp. conductance: 168 µS/cm
Water evacuated before sampling: 67 gal
Time: 9:25
pH: 4.1
Alkalinity: 0 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	110	µg/L	GE
0	Lead	16	µg/L	GE
2	Manganese	50	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Gross alpha	3.2±1.4	pCi/L	GE
2	Total radium	8.0±2.4	pCi/L	GE

WELL RAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90
Depth to water: 8.01 ft (2.44 m) below TOC
Water elevation: 272.39 ft (83.03 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 76 gal
Time: 9:55
pH: 4.2
Alkalinity: 0 meq/L
Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	18	µg/L	GE
0	Iron	18	µg/L	GE
2	Lead	32	µg/L	GE
2	Lead	26	µg/L	GE
0	Manganese	16	µg/L	GE
0	Manganese	17	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL RAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90
Depth to water: 7.66 ft (2.33 m) below TOC
Water elevation: 271.64 ft (82.80 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 77 gal
Time: 11:00
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	55	µg/L	GE
0	Lead	10	µg/L	GE
0	Manganese	21	µg/L	GE
1	Total organic halogens	11	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL RAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90
Depth to water: 8.25 ft (2.51 m) below TOC
Water elevation: 270.75 ft (82.53 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 65 gal
Time: 10:30
pH: 4.1
Alkalinity: 0 meq/L
Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	17	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Manganese	17	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE

ANALYTICAL RESULTS

WELL RDB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 13:35
Depth to water: 8.12 ft (2.48 m) below TOC pH: 6.9
Water elevation: 284.28 ft (86.65 m) msl Alkalinity: 47 meq/L
Sp. conductance: 164 µS/cm Water temperature: 24.9°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
1	Specific conductance	161	µS/cm	GE
1	Specific conductance	161	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	GE
0	Barium	35	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	15,000	µg/L	GE
1	Calcium	16,000	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	2,500	µg/L	GE
2	Iron	2,500	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,900	µg/L	GE
0	Magnesium	1,900	µg/L	GE
2	Manganese	300	µg/L	GE
2	Manganese	310	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,100	µg/L	GE
0	Potassium	2,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silica	6,000	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	2,700	µg/L	GE
1	Sulfate	10,400	µg/L	GE
1	Sulfate	10,300	µg/L	GE
0	Total dissolved solids	82,000	µg/L	GE
0	Total dissolved solids	75,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.1±2.4	pCi/L	GE
0	Nonvolatile beta	3.0±2.4	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	6.1±0.30	pCi/mL	GE
0	Tritium	6.0±0.30	pCi/mL	GE

WELL RDB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 13:00
Depth to water: 8.14 ft (2.48 m) below TOC pH: 6.0
Water elevation: 284.46 ft (86.70 m) msl Alkalinity: 66 meq/L
Sp. conductance: 178 µS/cm Water temperature: 23.6°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	6.4	pH	MT
1	Specific conductance	138	µS/cm	GE
1	Specific conductance	118	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	30	µg/L	GE
0	Barium	18	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
1	Calcium	20,000	µg/L	GE
1	Calcium	17,000	µg/L	MT
0	Chloride	1,300	µg/L	GE
0	Chloride	1,060	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
2	Iron	2,700	µg/L	GE
2	Iron	1,620	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Magnesium	2,300	µg/L	GE
0	Magnesium	1,260	µg/L	MT
2	Manganese	93	µg/L	GE
2	Manganese	53	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<300	µg/L	MT
0	Phenols	<5.0	µg/L	GE
1	Phenols	9.5	µg/L	MT
0	Potassium	1,700	µg/L	GE
0	Potassium	1,150	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	4,400	µg/L	GE
0	Silica	2,570	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	1,500	µg/L	GE
0	Sodium	1,000	µg/L	MT
0	Sulfate	5,600	µg/L	GE
0	Sulfate	5,580	µg/L	MT
0	Total dissolved solids	59,000	µg/L	GE
0	Total dissolved solids	154,000	µg/L	MT
0	Total dissolved solids	153,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	3,720	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
1	Total organic halogens	12	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	42	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	5.2±1.3	pCi/L	GE
0	Nonvolatile beta	8.7±3.3	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
2	Tritium	194±1.4	pCi/mL	GE
2	Tritium	140±20	pCi/mL	MT

WELL RDB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 13:00
Depth to water: 8.14 ft (2.48 m) below TOC pH: 6.0
Water elevation: 264.46 ft (86.70 m) msl Alkalinity: 68 meq/L
Sp. conductance: 178 µS/cm Water temperature: 23.6°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.4	pH	MT
1	Specific conductance	149	µS/cm	GE
0	Specific conductance	2.1	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Barium	29	µg/L	GE
0	Barium	17	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
1	Calcium	19,000	µg/L	GE
1	Calcium	12,100	µg/L	MT
0	Chloride	1,400	µg/L	GE
0	Chloride	1,060	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
2	Iron	4,500	µg/L	GE
2	Iron	1,140	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Magnesium	2,100	µg/L	GE
0	Magnesium	1,190	µg/L	MT
2	Manganese	92	µg/L	GE
1	Manganese	48	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	220	µg/L	GE
0	Nitrate as nitrogen	<300	µg/L	MT
0	Phenols	<5.0	µg/L	GE
1	Phenols	9.5	µg/L	MT
0	Potassium	1,600	µg/L	GE
0	Potassium	1,150	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	4,000	µg/L	GE
0	Silica	2,390	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	1,400	µg/L	GE
0	Sodium	935	µg/L	MT
0	Sulfate	6,000	µg/L	GE
0	Sulfate	5,830	µg/L	MT
0	Total dissolved solids	66,000	µg/L	GE
0	Total dissolved solids	162,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,240	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	5.7	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	275	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	1.8±1.6	pCi/L	MT
0	Nonvolatile beta	4.9±2.6	pCi/L	GE
0	Nonvolatile beta	4.6±3.1	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
2	Tritium	198±1.5	pCi/mL	GE
2	Tritium	130±20	pCi/mL	MT

WELL RDB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 12:40
Depth to water: 11.28 ft (3.44 m) below TOC pH: 5.8
Alkalinity: 61 meq/L
Sp. conductance: 199 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
1	Specific conductance	145	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	46	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	13,000	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	11,000	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,200	µg/L	GE
2	Manganese	300	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,900	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	1,800	µg/L	GE
1	Sulfate	11,500	µg/L	GE
0	Total dissolved solids	82,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Gross alpha	2.3±0.80	pCi/L	GE
0	Nonvolatile beta	3.4±1.3	pCi/L	GE
1	Total radium	3.3±2.5	pCi/L	GE
2	Tritium	28±0.70	pCi/mL	GE

WELL RRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 Time: 11:25
Depth to water: 22.99 ft (7.01 m) below TOC pH: 4.2
Water elevation: 261.41 ft (79.68 m) msl Alkalinity: 0 meq/L
Sp. conductance: 25 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Chloromethane (Methyl chloride)	2.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<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	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
2	Iron	350	µg/L	GE
2	Iron	350	µg/L	GE

ANALYTICAL RESULTS

WELL RRP 1 collected on 09/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	3.7	µg/L	GE
0	Manganese	3.7	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Toluene	3.0	µg/L	GE
0	Toluene	<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-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<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	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<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

WELL RRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90
Depth to water: 24.26 ft (7.39 m) below TOC
Water elevation: 260.24 ft (79.32 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 47 gal

Time: 12:40
pH: 3.7
Alkalinity: 0 meq/L
Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	88	µg/L	GE
0	Manganese	6.1	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL RRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90
Depth to water: 20.05 ft (6.11 m) below TOC
Water elevation: 260.05 ft (79.26 m) msl
Sp. conductance: 13 µS/cm
Water evacuated before sampling: 58 gal

Time: 12:15
pH: 4.4
Alkalinity: 0 meq/L
Water temperature: 19.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	120	µg/L	GE
0	Manganese	5.8	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL RRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90
Depth to water: 20.38 ft (6.21 m) below TOC
Water elevation: 259.82 ft (79.19 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 56 gal

Time: 11:55
pH: 3.7
Alkalinity: 0 meq/L
Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	9.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Toluene	7.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL RSA 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 10:35
Depth to water: 36.50 ft (11.13 m) below TOC pH: 5.7
Water elevation: 275.80 ft (84.10 m) msl
Sp. conductance: 40 µS/cm Water temperature: 21.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.69±0.54	pCi/L	EM
0	Nonvolatile beta	3.9±1.3	pCi/L	EM

WELL RSA 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 10:40
Depth to water: 36.50 ft (11.13 m) below TOC pH: 5.6
Water elevation: 275.80 ft (84.06 m) msl
Sp. conductance: 40 µS/cm Water temperature: 21.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.60±0.51	pCi/L	EM
0	Nonvolatile beta	2.5±1.1	pCi/L	EM

WELL RSA 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 10:50
Depth to water: 36.50 ft (11.73 m) below TOC pH: 5.2
Water elevation: 273.20 ft (83.27 m) msl
Sp. conductance: 30 µS/cm Water temperature: 21.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.50±0.47	pCi/L	EM
0	Nonvolatile beta	2.0±1.0	pCi/L	EM

WELL RSA 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 10:45
Depth to water: 36.50 ft (11.73 m) below TOC pH: 5.5
Water elevation: 272.80 ft (83.15 m) msl
Sp. conductance: 30 µS/cm Water temperature: 22.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.60±0.51	pCi/L	EM
0	Nonvolatile beta	0.99±0.87	pCi/L	EM

WELL RSB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 10:30
Depth to water: 29.70 ft (9.05 m) below TOC pH: 8.0
Water elevation: 279.30 ft (85.13 m) msl
Sp. conductance: 30 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0±0.19	pCi/L	EM
0	Nonvolatile beta	1.3±0.92	pCi/L	EM

WELL RSB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 10:30
Depth to water: 24.80 ft (7.56 m) below TOC pH: 8.0
Water elevation: 281.00 ft (85.65 m) msl
Sp. conductance: 48 µS/cm Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.31±0.40	pCi/L	EM
0	Nonvolatile beta	2.8±1.2	pCi/L	EM

WELL RSB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 10:20
Depth to water: 25.10 ft (7.65 m) below TOC pH: 8.0
Water elevation: 280.50 ft (85.50 m) msl
Sp. conductance: 50 µS/cm Water temperature: 22.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.63±0.53	pCi/L	EM
0	Nonvolatile beta	2.2±1.1	pCi/L	EM

WELL RSC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 13:25
Depth to water: 29.00 ft (8.84 m) below TOC pH: 6.6
Water elevation: 273.00 ft (83.21 m) msl
Sp. conductance: 40 µS/cm Water temperature: 21.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.4±0.78	pCi/L	EM
0	Nonvolatile beta	1.5±0.97	pCi/L	EM

ANALYTICAL RESULTS

WELL RSC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 11:15
Depth to water: 31.30 ft (9.54 m) below TOC pH: 5.6
Water elevation: 270.00 ft (82.30 m) msl
Sp. conductance: 40 µS/cm Water temperature: 21.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.88±0.64	pCi/L	EM
0	Nonvolatile beta	1.1±0.92	pCi/L	EM

WELL RSC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 10:05
Depth to water: 26.50 ft (8.08 m) below TOC pH: 6.2
Water elevation: 273.80 ft (83.46 m) msl
Sp. conductance: 40 µS/cm Water temperature: 20.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.41±0.43	pCi/L	EM
0	Nonvolatile beta	1.2±0.92	pCi/L	EM

WELL RSC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 10:00
Depth to water: 36.00 ft (10.97 m) below TOC pH: 6.0
Water elevation: 268.90 ft (81.96 m) msl
Sp. conductance: 540 µS/cm Water temperature: 20.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.4±1.7	pCi/L	EM
0	Nonvolatile beta	3.7±1.5	pCi/L	EM

WELL RSC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 11:30
Depth to water: 30.20 ft (9.21 m) below TOC pH: 5.3
Water elevation: 273.90 ft (83.49 m) msl
Sp. conductance: 50 µS/cm Water temperature: 19.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.87±0.63	pCi/L	EM
0	Nonvolatile beta	2.1±1.1	pCi/L	EM

WELL RSC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 11:35
Depth to water: 34.90 ft (10.64 m) below TOC pH: 5.4
Water elevation: 272.90 ft (83.18 m) msl
Sp. conductance: 40 µS/cm Water temperature: 20.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.51±0.48	pCi/L	EM
0	Nonvolatile beta	1.5±0.97	pCi/L	EM

WELL RSC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 11:40
Depth to water: 25.00 ft (7.62 m) below TOC pH: 5.4
Water elevation: 283.80 ft (86.50 m) msl
Sp. conductance: 40 µS/cm Water temperature: 20.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.21±0.36	pCi/L	EM
0	Nonvolatile beta	1.5±0.96	pCi/L	EM

WELL RSC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 13:15
Depth to water: 33.80 ft (10.30 m) below TOC pH: 6.8
Water elevation: 268.00 ft (81.69 m) msl
Sp. conductance: 50 µS/cm Water temperature: 19.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.88±0.64	pCi/L	EM
0	Nonvolatile beta	0.82±0.87	pCi/L	EM

WELL RSC 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 9:45
Depth to water: 30.20 ft (9.21 m) below TOC pH: 6.9
Water elevation: 267.20 ft (81.44 m) msl
Sp. conductance: 40 µS/cm Water temperature: 20.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.51±0.49	pCi/L	EM
0	Nonvolatile beta	2.5±1.1	pCi/L	EM

WELL RSD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 12:00
Depth to water: 19.80 ft (6.04 m) below TOC pH: 6.3
Water elevation: 280.70 ft (85.56 m) msl
Sp. conductance: 47 µS/cm Water temperature: 22.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.23±0.40	pCi/L	EM
1	Nonvolatile beta	23±3.8	pCi/L	EM

WELL RSD 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 13:10
Depth to water: 15.80 ft (4.82 m) below TOC pH: 6.9
Water elevation: 285.40 ft (86.99 m) msl
Sp. conductance: 33 µS/cm Water temperature: 24.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.090±0.70	pCi/L	EM
2	Nonvolatile beta	299±40	pCi/L	EM

WELL RSD 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 13:20
The well was dry.

WELL RSD 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 13:20
Depth to water: 16.50 ft (5.03 m) below TOC pH: 6.3
Water elevation: 285.20 ft (86.93 m) msl
Sp. conductance: 62 µS/cm Water temperature: 24.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.8±2.2	pCi/L	EM
2	Nonvolatile beta	2,620±310	pCi/L	EM

WELL RSD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 13:30
Depth to water: 14.00 ft (4.27 m) below TOC pH: 6.2
Water elevation: 286.80 ft (87.42 m) msl
Sp. conductance: 45 µS/cm Water temperature: 23.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.60±0.55	pCi/L	EM
1	Nonvolatile beta	13±2.6	pCi/L	EM

WELL RSD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 11:10
Depth to water: 18.00 ft (5.49 m) below TOC pH: 7.8
Water elevation: 283.60 ft (86.44 m) msl
Sp. conductance: 27 µS/cm Water temperature: 22.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.52±0.65	pCi/L	EM
2	Nonvolatile beta	132±20	pCi/L	EM

WELL RSD 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 11:20
Depth to water: 18.80 ft (5.73 m) below TOC pH: 7.1
Water elevation: 282.90 ft (86.23 m) msl
Sp. conductance: 32 µS/cm Water temperature: 22.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.70±0.80	pCi/L	EM
2	Nonvolatile beta	246±30	pCi/L	EM

WELL RSD 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 11:30
Depth to water: 19.40 ft (5.91 m) below TOC pH: 6.8
Water elevation: 282.70 ft (86.17 m) msl
Sp. conductance: 39 µS/cm Water temperature: 21.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.0±0.77	pCi/L	EM
2	Nonvolatile beta	93±10	pCi/L	EM

WELL RSD 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 11:40
Depth to water: 11.20 ft (3.41 m) below TOC pH: 6.7
Water elevation: 282.20 ft (86.02 m) msl
Sp. conductance: 26 µS/cm Water temperature: 24.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.61±0.65	pCi/L	EM
2	Nonvolatile beta	111±10	pCi/L	EM

ANALYTICAL RESULTS

WELL RSD 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 11:50
Depth to water: 10.00 ft (3.05 m) below TOC pH: 6.5
Water elevation: 283.00 ft (86.26 m) msl
Sp. conductance: 33 µS/cm Water temperature: 24.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	-0.24±1.1	pCi/L	EM
2	Nonvolatile beta	849±100	pCi/L	EM

WELL RSD 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 10:00
Depth to water: 10.00 ft (3.05 m) below TOC pH: 7.3
Water elevation: 282.80 ft (86.14 m) msl
Sp. conductance: 38 µS/cm Water temperature: 24.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.1±0.69	pCi/L	EM
1	Nonvolatile beta	10±2.2	pCi/L	EM

WELL RSD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 10:05
Depth to water: 10.00 ft (3.05 m) below TOC pH: 7.7
Water elevation: 282.50 ft (86.11 m) msl
Sp. conductance: 31 µS/cm Water temperature: 24.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.44±0.51	pCi/L	EM
1	Nonvolatile beta	46±6.6	pCi/L	EM

WELL RSD 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 10:10
Depth to water: 9.80 ft (2.99 m) below TOC pH: 7.8
Water elevation: 282.50 ft (86.11 m) msl
Sp. conductance: 35 µS/cm Water temperature: 25.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.76±0.59	pCi/L	EM
1	Nonvolatile beta	18±3.1	pCi/L	EM

WELL RSE 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 14:00
Depth to water: 16.50 ft (5.03 m) below TOC pH: 5.1
Water elevation: 287.70 ft (87.69 m) msl
Sp. conductance: 40 µS/cm Water temperature: 26.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.11±0.33	pCi/L	EM
1	Nonvolatile beta	28±4.2	pCi/L	EM
0	Tritium	2.0±0.65	pCi/mL	EM

WELL RSE 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 13:55
Depth to water: 15.00 ft (4.57 m) below TOC pH: 5.2
Water elevation: 288.30 ft (87.87 m) msl
Sp. conductance: 30 µS/cm Water temperature: 25.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.19±0.33	pCi/L	EM
0	Nonvolatile beta	2.6±1.1	pCi/L	EM
0	Tritium	2.0±0.67	pCi/mL	EM

WELL RSE 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 13:50
Depth to water: 14.80 ft (4.51 m) below TOC pH: 5.8
Water elevation: 288.50 ft (87.94 m) msl
Sp. conductance: 40 µS/cm Water temperature: 25.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.50±0.47	pCi/L	EM
0	Nonvolatile beta	1.8±1.0	pCi/L	EM
0	Tritium	1.7±0.65	pCi/mL	EM

WELL RSE 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 13:40
Depth to water: 16.00 ft (4.88 m) below TOC pH: 7.6
Water elevation: 286.50 ft (87.33 m) msl
Sp. conductance: 25 µS/cm Water temperature: 27.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0	pCi/L	GE
1	Gross alpha	6.2±2.4	pCi/L	MT
0	Gross alpha	0.80±0.58	pCi/L	EM
0	Nonvolatile beta	4.4±2.0	pCi/L	GE
1	Nonvolatile beta	15±4.0	pCi/L	MT
0	Nonvolatile beta	3.0±1.2	pCi/L	EM
0	Tritium	1.7±0.20	pCi/mL	GE
0	Tritium	1.2±0.20	pCi/mL	MT
0	Tritium	1.6±0.65	pCi/mL	EM

WELL RSE 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 12:10
Depth to water: 19.80 ft (6.04 m) below TOC pH: 6.3
Water elevation: 281.20 ft (85.71 m) msl
Sp. conductance: 46 µS/cm Water temperature: 22.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.7±0.84	pCi/L	EM
1	Nonvolatile beta	10±2.2	pCi/L	EM
0	Tritium	2.0±0.66	pCi/mL	EM

WELL RSE 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 10:40
Depth to water: 23.50 ft (7.16 m) below TOC pH: 8.0
Water elevation: 281.10 ft (85.68 m) msl
Sp. conductance: 37 µS/cm Water temperature: 23.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.3±0.80	pCi/L	EM
2	Nonvolatile beta	57±7.9	pCi/L	EM
0	Tritium	3.1±0.73	pCi/mL	EM

WELL RSE 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 10:40
The well was dry.

WELL RSE 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 10:50
Depth to water: 24.00 ft (7.32 m) below TOC pH: 7.8
Water elevation: 280.70 ft (85.56 m) msl
Sp. conductance: 32 µS/cm Water temperature: 23.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.28±0.61	pCi/L	EM
2	Nonvolatile beta	168±20	pCi/L	EM
0	Tritium	2.5±0.68	pCi/mL	EM

WELL RSE 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 13:40
The well was dry.

WELL RSE 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 13:45
The well was dry.

WELL RSE 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 14:20
Depth to water: 29.40 ft (8.96 m) below TOC pH: 5.3
Water elevation: 273.00 ft (83.21 m) msl
Sp. conductance: 50 µS/cm Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.42±0.45	pCi/L	EM
0	Nonvolatile beta	1.8±1.0	pCi/L	EM
0	Tritium	3.3±0.70	pCi/mL	EM

WELL RSE 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 11:00
Depth to water: 28.00 ft (8.53 m) below TOC pH: 5.0
Water elevation: 274.20 ft (83.58 m) msl
Sp. conductance: 50 µS/cm Water temperature: 24.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.1±0.69	pCi/L	EM
0	Nonvolatile beta	2.2±1.1	pCi/L	EM
0	Tritium	2.6±0.68	pCi/mL	EM

WELL RSE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 11:10
Depth to water: 32.50 ft (9.91 m) below TOC pH: 4.8
Water elevation: 273.50 ft (83.36 m) msl
Sp. conductance: 60 µS/cm Water temperature: 22.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.20±0.34	pCi/L	EM
0	Nonvolatile beta	1.6±0.97	pCi/L	EM

WELL RSE 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 14:15
Depth to water: 30.40 ft (9.27 m) below TOC pH: 5.4
Water elevation: 274.30 ft (83.61 m) msl
Sp. conductance: 40 µS/cm Water temperature: 23.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.20±0.35	pCi/L	EM
0	Nonvolatile beta	3.7±1.3	pCi/L	EM

ANALYTICAL RESULTS

WELL RSE 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 14:30
Depth to water: 29.50 ft (8.99 m) below TOC pH: 6.8
Water elevation: 274.30 ft (83.61 m) msl
Sp. conductance: 54 µS/cm Water temperature: 26.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0	pCi/L	GE
1	Gross alpha	5.2±2.1	pCi/L	MT
0	Gross alpha	0.66±1.1	pCi/L	EM
2	Nonvolatile beta	282±7.5	pCi/L	GE
2	Nonvolatile beta	560±60	pCi/L	MT
2	Nonvolatile beta	508±60	pCi/L	EM
0	Tritium	3.2±0.30	pCi/mL	GE
0	Tritium	2.7±0.30	pCi/mL	MT
0	Tritium	3.7±0.73	pCi/mL	EM

WELL RSE 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 14:15
Depth to water: 32.00 ft (9.75 m) below TOC
Water elevation: 273.80 ft (83.46 m) msl
The well pumped dry before sampling could be done.

WELL RSE 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 11:00
Depth to water: 18.20 ft (5.55 m) below TOC pH: 7.6
Water elevation: 283.00 ft (86.26 m) msl
Sp. conductance: 43 µS/cm Water temperature: 22.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.44±0.64	pCi/L	EM
2	Nonvolatile beta	132±20	pCi/L	EM
0	Tritium	2.7±0.68	pCi/mL	EM

WELL RSE 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 14:00
Depth to water: 33.00 ft (10.06 m) below TOC pH: 6.6
Water elevation: 274.10 ft (83.55 m) msl
Sp. conductance: 70 µS/cm Water temperature: 23.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	-0.12±0.22	pCi/L	EM
0	Nonvolatile beta	1.9±1.0	pCi/L	EM
0	Tritium	0.080±0.58	pCi/mL	EM

WELL RSE 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/90 Time: 14:10
Depth to water: 30.40 ft (9.27 m) below TOC pH: 6.1
Water elevation: 274.40 ft (83.64 m) msl
Sp. conductance: 70 µS/cm Water temperature: 21.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.93±0.73	pCi/L	EM
2	Nonvolatile beta	54±7.5	pCi/L	EM
0	Tritium	3.9±0.71	pCi/mL	EM

WELL RSE 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 11:55
Depth to water: 18.90 ft (5.76 m) below TOC pH: 6.0
Water elevation: 275.20 ft (83.88 m) msl Alkalinity: 1 meq/L
Sp. conductance: 35 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 99 gal

WELL RSE 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 10:55
Depth to water: 22.50 ft (6.86 m) below TOC pH: 5.0
Water elevation: 271.40 ft (82.72 m) msl Alkalinity: 3 meq/L
Sp. conductance: 67 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 89 gal

WELL RSF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 Time: 14:10
Depth to water: 30.90 ft (9.42 m) below TOC pH: 9.4
Water elevation: 272.20 ft (82.97 m) msl Alkalinity: 43 meq/L
Sp. conductance: 103 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 114 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.3	pH	MT
0	Cadmium	<1.5	µg/L	MT

WELL RSF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/90 Time: 13:25
Depth to water: 29.44 ft (8.97 m) below TOC pH: 4.4
Water elevation: 273.36 ft (83.32 m) msl Alkalinity: 1 meq/L
Sp. conductance: 45 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 127 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	Cadmium	<1.5	µg/L	MT

WELL RSF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 — Time: 15:55
Depth to water: 32.79 ft (9.99 m) below TOC — pH: 8.5
Water elevation: 274.31 ft (83.61 m) msl — Alkalinity: 8 meq/L
Sp. conductance: 36 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 117 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.2	pH	MT
0	Cadmium	<1.5	µg/L	MT

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 11:30
Depth to water: 177.44 ft (54.08 m) below TOC — pH: 4.4
Water elevation: 187.26 ft (57.08 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 162 µS/cm — Water temperature: 22.1°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
2	Tetrachloroethylene	20,700	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Trichloroethylene	44,900	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/90 — Time: 11:15
Depth to water: 176.53 ft (53.81 m) below TOC — pH: 4.4
Water elevation: 188.17 ft (57.35 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 150 µS/cm — Water temperature: 21.7°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
1	Specific conductance	139	µS/cm	GE
1	Aluminum	220	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	52	µg/L	GE
0	Benzene	<1.0	µg/L	GE
1	Bromodichloromethane	2.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	µg/L	GE
1	Chlorobenzene	2.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	cis-1,2-Dichloroethene	99	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	4.0	µg/L	GE
1	Manganese	29	µg/L	GE
0	Mercury	0.35	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	14,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	21,500	µg/L	GE

WELL RWM 1 collected on 08/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Toluene	2.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	21,500	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	45,400	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	8.5	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	1,1,2,2-Tetrachloroethane	6.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
1	Gross alpha	8.8±2.4	pCi/L	GE
0	Nonvolatile beta	5.3±2.5	pCi/L	GE
2	Total radium	9.8±3.8	pCi/L	GE

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 11:50
Depth to water: 177.23 ft (54.02 m) below TOC — pH: 4.4
Water elevation: 187.47 ft (57.14 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 153 µS/cm — Water temperature: 22.6°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
2	Tetrachloroethylene	21,100	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Trichloroethylene	48,200	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 — Time: 12:25
Depth to water: 178.33 ft (54.36 m) below TOC — pH: 4.4
Water elevation: 186.37 ft (56.81 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 137 µS/cm — Water temperature: 22.0°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
2	Tetrachloroethylene	18,400	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Trichloroethylene	40,600	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 12:25
Depth to water: 207.42 ft (63.22 m) below TOC — pH: 4.6
Water elevation: 163.68 ft (49.85 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 77 µS/cm — Water temperature: 22.9°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
2	Tetrachloroethylene	9,010	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Trichloroethylene	28,700	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 12:50
Depth to water: 206.82 ft (63.04 m) below TOC — pH: 4.9
Water elevation: 164.48 ft (50.13 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 76 µS/cm — Water temperature: 22.6°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
2	Tetrachloroethylene	9,350	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Trichloroethylene	27,900	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 — Time: 13:10
Depth to water: 207.12 ft (63.13 m) below TOC — pH: 4.8
Water elevation: 164.18 ft (50.04 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 78 µS/cm — Water temperature: 22.1°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
2	Tetrachloroethylene	9,650	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Trichloroethylene	27,500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 12:15
Depth to water: 172.53 ft (52.59 m) below TOC — pH: 4.5
Water elevation: 204.47 ft (62.32 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 84 µS/cm — Water temperature: 22.7°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
2	Tetrachloroethylene	3,830	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Trichloroethylene	20,500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 13:05
Depth to water: 149.94 ft (45.70 m) below TOC
Water elevation: 227.06 ft (69.21 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 — Time: 12:45
Depth to water: 169.04 ft (51.52 m) below TOC — pH: 4.5
Water elevation: 207.96 ft (63.39 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 83 µS/cm — Water temperature: 22.4°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	5.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<500	µg/L	MA
2	Tetrachloroethylene	3,400	µg/L	GE
2	Tetrachloroethylene	4,280	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Trichloroethylene	14,000	µg/L	GE
2	Trichloroethylene	17,600	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
1	1,1,1-Trichloroethane	1.0	µg/L	GE
0	1,1,1-Trichloroethane	<500	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 — Time: 13:00
Depth to water: 169.84 ft (51.77 m) below TOC — pH: 4.5
Water elevation: 207.16 ft (63.14 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 78 µS/cm — Water temperature: 22.5°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
2	Tetrachloroethylene	4,580	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Trichloroethylene	21,800	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 11:20
Depth to water: 156.23 ft (48.23 m) below TOC — pH: 5.0
Water elevation: 208.27 ft (63.48 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 21.2°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
2	Tetrachloroethylene	402	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Trichloroethylene	6,400	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 11:40
Depth to water: 156.75 ft (47.78 m) below TOC — pH: 5.0
Water elevation: 209.75 ft (63.93 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 24.0°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
2	Tetrachloroethylene	883	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Trichloroethylene	7,370	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 12:40
Depth to water: 150.76 ft (46.39 m) below TOC pH: 4.8
Water elevation: 207.74 ft (63.32 m) msl Alkalinity: 0 meq/L
Sp. conductance: 27 µS/cm Water temperature: 20.9°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
2	Tetrachloroethylene	838	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Trichloroethylene	8,800	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 Time: 12:35
Depth to water: 153.95 ft (46.92 m) below TOC pH: 4.9
Water elevation: 212.95 ft (64.91 m) msl Alkalinity: 0 meq/L
Sp. conductance: 40 µS/cm Water temperature: 22.3°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<20	µg/L	MA
2	Tetrachloroethylene	1,300	µg/L	MA
0	trans-1,2-Dichloroethene	<20	µg/L	MA
2	Trichloroethylene	1,770	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<20	µg/L	MA

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 12:55
Depth to water: 153.95 ft (46.92 m) below TOC pH: 4.9
Water elevation: 212.95 ft (64.91 m) msl Alkalinity: 0 meq/L
Sp. conductance: 39 µS/cm Water temperature: 22.5°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<20	µg/L	MA
2	Tetrachloroethylene	1,420	µg/L	MA
0	trans-1,2-Dichloroethene	<20	µg/L	MA
2	Trichloroethylene	2,010	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<20	µg/L	MA

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 13:35
Depth to water: 155.64 ft (47.44 m) below TOC pH: 4.8
Water elevation: 211.26 ft (64.39 m) msl Alkalinity: 0 meq/L
Sp. conductance: 39 µS/cm Water temperature: 22.7°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<20	µg/L	MA
0	Chloroform	<20	µg/L	MA
2	Tetrachloroethylene	883	µg/L	MA
2	Tetrachloroethylene	1,050	µg/L	MA
0	trans-1,2-Dichloroethene	<20	µg/L	MA
0	trans-1,2-Dichloroethene	<20	µg/L	MA
2	Trichloroethylene	1,580	µg/L	MA
2	Trichloroethylene	1,730	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<20	µg/L	MA
0	1,1,1-Trichloroethane	<20	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 Time: 11:50
Depth to water: 181.24 ft (55.24 m) below TOC pH: 4.8
Water elevation: 187.66 ft (51.16 m) msl Alkalinity: 0 meq/L
Sp. conductance: 38 µS/cm Water temperature: 22.6°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
2	Tetrachloroethylene	6,380	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
2	Trichloroethylene	7,430	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 12:10
Depth to water: 183.93 ft (56.06 m) below TOC pH: 4.9
Water elevation: 185.17 ft (80.34 m) msl Alkalinity: 0 meq/L
Sp. conductance: 38 µS/cm Water temperature: 22.9°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
2	Tetrachloroethylene	4,480	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
2	Trichloroethylene	5,890	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 Time: 12:10
Depth to water: 180.23 ft (54.93 m) below TOC pH: 4.8
Water elevation: 188.87 ft (51.47 m) msl Alkalinity: 0 meq/L
Sp. conductance: 38 µS/cm Water temperature: 21.6°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
2	Tetrachloroethylene	18,400	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
2	Trichloroethylene	20,500	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 Time: 13:45
Depth to water: 126.86 ft (38.67 m) below TOC
Water elevation: 222.14 ft (67.71 m) msl
Inaccessibility or pump failure prevented sample collection.

ANALYTICAL RESULTS

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90 — Time: 13:45
Depth to water: 133.70 ft (40.77 m) below TOC — pH: 4.8
Water elevation: 218.24 ft (66.51 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 88 µS/cm — Water temperature: 24.5°C
The well was continuously pumping

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<50	µg/L	MA
2	Tetrachloroethylene	4,400	µg/L	MA
0	trans-1,2-Dichloroethene	<50	µg/L	MA
2	Trichloroethylene	2,100	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 11:30
Depth to water: 144.44 ft (44.03 m) below TOC — pH: 5.0
Water elevation: 203.80 ft (62.14 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 158 µS/cm — Water temperature: 23.7°C
The well was continuously pumping

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
2	Tetrachloroethylene	180	µg/L	MA
1	trans-1,2-Dichloroethene	19	µg/L	MA
2	Trichloroethylene	328	µg/L	MA
1	1,1-Dichloroethylene	19	µg/L	MA
1	1,1,1-Trichloroethane	15	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 12:20
Depth to water: 132.45 ft (40.37 m) below TOC — pH: 4.8
Water elevation: 216.85 ft (66.01 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 88 µS/cm — Water temperature: 23.7°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
2	Tetrachloroethylene	4,800	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Trichloroethylene	2,200	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 12:30
Depth to water: 145.84 ft (44.45 m) below TOC — pH: 4.9
Water elevation: 202.46 ft (61.71 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 128 µS/cm — Water temperature: 21.6°C
The well was continuously pumping

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
2	Tetrachloroethylene	176	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
2	Trichloroethylene	134	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 — Time: 12:00
Depth to water: 156.77 ft (47.78 m) below TOC — pH: 4.6
Water elevation: 192.23 ft (58.59 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 84 µS/cm — Water temperature: 21.5°C
The well was continuously pumping

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<50	µg/L	MA
2	Tetrachloroethylene	1,420	µg/L	MA
0	trans-1,2-Dichloroethene	<50	µg/L	MA
2	Trichloroethylene	1,850	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 12:00
Depth to water: 157.25 ft (47.93 m) below TOC — pH: 4.9
Water elevation: 223.35 ft (68.08 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 47 µS/cm — Water temperature: 22.4°C
The well was continuously pumping

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<2.5	µg/L	MA
0	Tetrachloroethylene	<2.5	µg/L	MA
0	trans-1,2-Dichloroethene	<2.5	µg/L	MA
2	Trichloroethylene	121	µg/L	MA
0	1,1-Dichloroethylene	<2.5	µg/L	MA
0	1,1,1-Trichloroethane	<2.5	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 11:10
Depth to water: 145.94 ft (44.48 m) below TOC — pH: 4.9
Water elevation: 202.36 ft (61.68 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 143 µS/cm — Water temperature: 22.0°C
The well was continuously pumping

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
2	Tetrachloroethylene	114	µg/L	MA
1	trans-1,2-Dichloroethene	8.0	µg/L	MA
2	Trichloroethylene	255	µg/L	MA
1	1,1-Dichloroethylene	8.9	µg/L	MA
1	1,1,1-Trichloroethane	4.9	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 12:30
Depth to water: 157.24 ft (47.93 m) below TOC — pH: 5.0
Water elevation: 223.36 ft (68.08 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 48 µS/cm — Water temperature: 22.4°C
The well was continuously pumping

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<2.5	µg/L	MA
1	Tetrachloroethylene	4.3	µg/L	MA
0	trans-1,2-Dichloroethene	<2.5	µg/L	MA
2	Trichloroethylene	111	µg/L	MA
0	1,1-Dichloroethylene	<2.5	µg/L	MA
0	1,1,1-Trichloroethane	<2.5	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 — Time: 11:55
Depth to water: 157.85 ft (48.11 m) below TOC — pH: 4.9
Water elevation: 222.75 ft (67.90 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 45 µS/cm — Water temperature: 22.3°C
The well was continuously pumping

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<2.5	µg/L	MA
2	Tetrachloroethylene	157	µg/L	MA
0	trans-1,2-Dichloroethene	<2.5	µg/L	MA
2	Trichloroethylene	334	µg/L	MA
0	1,1-Dichloroethylene	<2.5	µg/L	MA
0	1,1,1-Trichloroethane	<2.5	µg/L	MA

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 11:40
Depth to water: 170.16 ft (51.87 m) below TOC — pH: 4.8
Water elevation: 185.34 ft (56.49 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 97 µS/cm — Water temperature: 22.7°C
The well was continuously pumping

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
2	Tetrachloroethylene	3,470	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
2	Trichloroethylene	1,350	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 12:00
Depth to water: 172.74 ft (52.65 m) below TOC — pH: 4.8
Water elevation: 182.76 ft (55.71 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 95 µS/cm — Water temperature: 22.1°C
The well was continuously pumping

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
2	Tetrachloroethylene	4,810	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
2	Trichloroethylene	2,680	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 — Time: 12:15
Depth to water: 149.95 ft (45.58 m) below TOC
Water elevation: 205.95 ft (62.77 m) msl
Inaccessibility or pump failure prevented sample collection

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/90 — Time: 12:05
Depth to water: 169.94 ft (51.80 m) below TOC — pH: 4.4
Water elevation: 213.36 ft (65.03 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 52 µS/cm — Water temperature: 22.1°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
2	Tetrachloroethylene	348	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Trichloroethylene	4,230	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 12:40
Depth to water: 170.13 ft (51.86 m) below TOC — pH: 4.5
Water elevation: 213.17 ft (64.98 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 61 µS/cm — Water temperature: 24.1°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
2	Tetrachloroethylene	442	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Trichloroethylene	4,710	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/90 — Time: 11:45
Depth to water: 169.74 ft (51.74 m) below TOC — pH: 4.4
Water elevation: 213.56 ft (65.09 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 48 µS/cm — Water temperature: 22.8°C
The well was continuously pumping.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	Tetrachloroethylene	<100	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Trichloroethylene	5,550	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA

WELL S 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/90 — Time: 12:25
Depth to water: 137.14 ft (41.80 m) below TOC — pH: 6.8
Water elevation: 129.86 ft (39.58 m) msl — Alkalinity: 37 meq/L
Sp. conductance: 149 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

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

ANALYTICAL RESULTS

WELL SBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 15:45
Depth to water: 26.05 ft (7.94 m) below TOC — pH: 4.0
Water elevation: 236.35 ft (72.04 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 36 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 119 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
1	Mercury	0.60	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Gross alpha	0.73±0.64	pCi/l	EM
0	Nonvolatile beta	0.99±0.86	pCi/L	EM
0	Total radium	< 1.0	pCi/L	GE
2	Tritium	24±0.50	pCi/mL	GE
2	Tritium	22±1.2	pCi/mL	EM

WELL SBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 12:30
Depth to water: 53.88 ft (16.42 m) below TOC — pH: 4.1
Water elevation: 236.12 ft (71.97 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 18 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
2	Lead	32	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Gross alpha	2.2±1.0	pCi/L	EM
0	Nonvolatile beta	1.0±0.87	pCi/L	EM
0	Total radium	< 1.0	pCi/L	GE
1	Tritium	15±0.40	pCi/mL	GE
1	Tritium	13±0.98	pCi/mL	EM

WELL SBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 12:55
Depth to water: 50.28 ft (15.33 m) below TOC — pH: 4.1
Water elevation: 236.32 ft (72.03 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 17 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 77 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Gross alpha	2.8±1.2	pCi/L	EM
0	Nonvolatile beta	7.2±1.7	pCi/L	EM
0	Total radium	< 1.0	pCi/L	GE
1	Tritium	16±0.50	pCi/mL	GE
1	Tritium	14±1.0	pCi/mL	EM

WELL SBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 13:50
Depth to water: 33.48 ft (10.20 m) below TOC — pH: 4.1
Water elevation: 239.62 ft (73.04 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 31 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 147 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
1	Chloroform	2.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
2	Total organic halogens	67	µg/L	GE
2	Total organic halogens	64	µg/L	GE
2	Trichloroethylene	52	µg/L	GE
2	Trichloroethylene	4.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Gross alpha	2.3±1.1	pCi/L	EM
0	Nonvolatile beta	1.5±0.97	pCi/L	EM
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	1.0±3.1	pCi/L	GE
2	Tritium	22±0.50	pCi/mL	GE
2	Tritium	21±0.50	pCi/mL	GE
1	Tritium	18±1.1	pCi/mL	EM

WELL SBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 14:50
Depth to water: 36.38 ft (11.09 m) below TOC — pH: 5.4
Water elevation: 248.12 ft (75.63 m) msl — Alkalinity: 13 meq/L
Sp. conductance: 51 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 127 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
2	Trichloroethylene	3.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Gross alpha	2.3±1.1	pCi/L	EM
0	Nonvolatile beta	1.5±0.97	pCi/L	EM
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	5.6±0.30	pCi/mL	GE
0	Tritium	5.7±0.79	pCi/mL	EM

WELL SBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 15:15
Depth to water: 39.16 ft (11.94 m) below TOC — pH: 4.4
Water elevation: 242.54 ft (73.93 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 26 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 90 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
1	Chloroform	1.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE

WELL SBG 8 collected on 08/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Gross alpha	1.9±0.98	pCi/L	EM
0	Nonvolatile beta	2.4±1.1	pCi/L	EM
0	Total radium	<1.0	pCi/L	GE
1	Tritium	12±0.40	pCi/mL	GE
1	Tritium	11±0.93	pCi/mL	EM

WELL SCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/90 Time: 11:25
Depth to water: 49.68 ft (15.14 m) below TOC pH: 6.0
Sp. conductance: 24 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 78 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	pH	6.2	pH	GE
0	Specific conductance	21	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	17	µg/L	GE
0	Barium	16	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Iron	9.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	470	µg/L	GE
0	Magnesium	470	µg/L	GE
1	Manganese	44	µg/L	GE
1	Manganese	44	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,000	µg/L	GE
0	Nitrate as nitrogen	1,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,200	µg/L	GE
0	Silica	5,300	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	Total dissolved solids	59,000	µg/L	GE
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
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	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
1	Tritium	13±0.40	pCi/mL	GE
1	Tritium	14±0.40	pCi/mL	GE

WELL SCA 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/90 Time: 9:50
The well was dry.

WELL SCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/90 Time: 10:30
Depth to water: 49.51 ft (15.09 m) below TOC pH: 6.3
Water elevation: 239.39 ft (72.97 m) msl Alkalinity: 10 meq/L
Sp. conductance: 30 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,700	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	740	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	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
0	Total dissolved solids	42,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
1	Tritium	13±0.40	pCi/mL	GE

WELL SCA 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/90 Time: 9:40
The well was dry.

WELL SLP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 Time: 13:10
Depth to water: 41.45 ft (12.63 m) below TOC pH: 4.7
Water elevation: 243.35 ft (74.17 m) msl Alkalinity: 2 meq/L
Sp. conductance: 22 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Manganese	39	µg/L	GE

ANALYTICAL RESULTS

WELL SLP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90 — Time: 12:05
Depth to water: 40.62 ft (12.38 m) below TOC — pH: 5.2
Water elevation: 243.18 ft (74.12 m) msl — Alkalinity: 7 meq/L
Sp. conductance: 38 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Manganese	5.1	µg/L	GE

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 13:10
The well was dry.

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 14:20
Depth to water: 108.52 ft (33.08 m) below TOC — pH: 4.5
Water elevation: 212.08 ft (64.64 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 57 µS/cm — Water temperature: 24.3°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	4.0	µg/L	GE
1	Chloroform	28	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	16	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
1	Total organic halogens	22	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Total radium	2.4 ± 1.7	pCi/L	GE

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 14:30
Depth to water: 116.87 ft (35.62 m) below TOC — pH: 4.7
Water elevation: 203.73 ft (62.10 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 21 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 302 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 — Time: 14:00
Depth to water: 115.51 ft (35.21 m) below TOC — pH: 4.9
Water elevation: 205.09 ft (62.51 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 19 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 — Time: 10:05
Depth to water: 121.09 ft (36.91 m) below TOC — pH: 5.0
Water elevation: 211.01 ft (64.32 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 19 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 128 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Iron	13	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
1	Total radium	2.5 ± 3.5	pCi/L	GE
0	Total radium	2.1 ± 3.4	pCi/L	GE

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 — Time: 9:25
The well was dry.

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 — Time: 9:15
Depth to water: 100.84 ft (30.74 m) below TOC — pH: 5.3
Water elevation: 208.56 ft (63.57 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 45 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	4.0	µg/L	GE
1	Chloroform	18	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE

WELL SRW 5 collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 98.26 ft (29.96 m) below TOC
Water elevation: 209.42 ft (63.83 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 44 gal
Time: 8:40
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	4.0	µg/L	GE
2	Chloroform	58	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
2	Total organic halogens	28	µg/L	GE
2	Trichloroethylene	3.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 91.03 ft (27.75 m) below TOC
Water elevation: 208.07 ft (63.42 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 1 gal
The well went dry during purging.
Time: 12:25
pH: 5.4
Alkalinity: 4 meq/L
Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	5.0	µg/L	GE
1	Chloroform	7.0	µg/L	GE
0	Iron	140	µg/L	GE
2	Lead	105	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
2	Total organic halogens	34	µg/L	GE
2	Trichloroethylene	4.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Total radium	2.1±2.2	pCi/L	GE

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 82.30 ft (25.09 m) below TOC
Water elevation: 205.80 ft (62.73 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 26 gal
Time: 10:40
pH: 5.4
Alkalinity: 1 meq/L
Water temperature: 19.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Carbon tetrachloride	2.0	µg/L	GE
1	Chloroform	3.0	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	17	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Trichloroethylene	1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Total radium	1.4±2.0	pCi/L	GE

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 57.62 ft (17.56 m) below TOC
Water elevation: 195.78 ft (59.67 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 78 gal
Time: 11:25
pH: 5.4
Alkalinity: 1 meq/L
Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloroform	1.0	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 58.00 ft (17.68 m) below TOC
Water elevation: 195.30 ft (59.53 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 210 gal
Time: 11:40
pH: 5.1
Alkalinity: 1 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	110	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: 56.98 ft (17.37 m) below TOC
Water elevation: 196.42 ft (59.87 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 114 gal
Time: 11:10
pH: 5.4
Alkalinity: 1 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	8.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Total radium	1.7±2.1	pCi/L	GE

ANALYTICAL RESULTS

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 36 gal
Time: 8:10
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Carbon tetrachloride	2.0	µg/L	GE
1	Chloroform	1.0	µg/L	GE
0	Iron	87	µg/L	GE
0	Lead	19	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Total radium	1.9±3.3	pCi/L	GE

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 88.14 ft (26.87 m) below TOC
Water elevation: 207.66 ft (63.30 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 42 gal
Time: 11:15
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 28.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	7.0	µg/L	GE
2	Carbon tetrachloride	5.0	µg/L	GE
1	Chloroform	6.0	µg/L	GE
1	Chloroform	5.0	µg/L	GE
0	Iron	41	µg/L	GE
0	Iron	37	µg/L	GE
1	Lead	21	µg/L	GE
2	Lead	29	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
1	Total organic halogens	10	µg/L	GE
1	Total organic halogens	10	µg/L	GE
2	Trichloroethylene	5.0	µg/L	GE
2	Trichloroethylene	4.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Total radium	1.9±3.3	pCi/L	GE
0	Total radium	2.2±3.4	pCi/L	GE

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90
Depth to water: 45.71 ft (13.93 m) below TOC
Water elevation: 190.59 ft (58.09 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 226 gal
Time: 11:15
pH: 4.8
Alkalinity: 0 meq/L
Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Iron	14	µg/L	GE
0	Lead	10	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic halogens	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Total radium	<1.0	pCi/L	GE

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90
Depth to water: 51.11 ft (15.58 m) below TOC
Water elevation: 185.19 ft (56.45 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 102 gal
Time: 11:05
pH: 5.6
Alkalinity: 2 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Chloroform	1.4	µg/L	MA
0	Iron	35	µg/L	GE
0	Lead	10	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic halogens	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Total radium	<1.0	pCi/L	GE

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90
Depth to water: 44.21 ft (13.48 m) below TOC
Water elevation: 192.09 ft (58.55 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 34 gal
Time: 11:25
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Chloroform	1.7	µg/L	MA
0	Iron	43	µg/L	GE
0	Lead	16	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic halogens	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
1	Trichloroethylene	1.8	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Total radium	<1.0	pCi/L	GE

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 99.40 ft (30.30 m) below TOC
Water elevation: 198.30 ft (60.44 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 273 gal
Time: 14:05
pH: 5.0
Alkalinity: 1 meq/L
Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Iron	16	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic halogens	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL SRW 13A collected on 08/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Total radium	1.1±2.0	pCi/L	GE

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 — Time: 13:45
Depth to water: 97.34 ft (29.67 m) below TOC — pH: 5.0
Water elevation: 200.36 ft (61.07 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 19 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 122 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Iron	< 4.0	µg/L	GE
2	Lead	25	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Total radium	1.8±2.2	pCi/L	GE

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 — Time: 14:25
Depth to water: 91.21 ft (27.80 m) below TOC — pH: 5.2
Water elevation: 206.49 ft (62.94 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 24.8°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	MA
0	Iron	58	µg/L	GE
0	Iron	76	µg/L	MT
1	Lead	23	µg/L	GE
0	Lead	20	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
1	Trichloroethylene	2.0	µg/L	GE
0	Trichloroethylene	< 0.40	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	1.2±0.40	pCi/L	MT

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 — Time: 14:25
Depth to water: 91.21 ft (27.80 m) below TOC — pH: 5.2
Water elevation: 206.48 ft (62.94 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 24.8°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	MA
0	Iron	83	µg/L	GE
0	Iron	73	µg/L	MT
1	Lead	24	µg/L	GE
0	Lead	18	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 0.40	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90 — Time: 10:10
Depth to water: 126.36 ft (38.51 m) below TOC — pH: 5.3
Water elevation: 200.64 ft (61.16 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 24 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 226 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Iron	4.0	µg/L	GE
0	Lead	11	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	8.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	25	µg/L	GE
2	Trichloroethylene	20	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Total radium	1.5±2.1	pCi/L	GE

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90 — Time: 9:50
Depth to water: 124.39 ft (37.91 m) below TOC — pH: 5.2
Water elevation: 202.51 ft (61.73 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 130 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL SRW 14B collected on 08/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	Iron	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	11	µg/L	GE
0	Lead	11	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
1	Trichloroethylene	2.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 68 gal
Time: 10:20
pH: 5.2
Alkalinity: 1 meq/L
Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Iron	13	µg/L	GE
0	Lead	13	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Total radium	< 1.0	pCi/L	GE

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 112.42 ft (34.27 m) below TOC
Water elevation: 206.68 ft (63.00 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 284 gal
Time: 12:35
pH: 5.6
Alkalinity: 2 meq/L
Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Iron	58	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 112.07 ft (34.16 m) below TOC
Water elevation: 207.03 ft (63.10 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 146 gal
Time: 12:20
pH: 5.3
Alkalinity: 1 meq/L
Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Iron	7.1	µg/L	GE
0	Lead	12	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Total radium	1.4 ± 2.0	pCi/L	GE

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
Depth to water: 108.96 ft (33.21 m) below TOC
Water elevation: 210.14 ft (64.05 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 60 gal
Time: 12:50
pH: 5.4
Alkalinity: 1 meq/L
Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Iron	40	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Total radium	< 1.0	pCi/L	GE

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/90
Depth to water: 135.07 ft (41.17 m) below TOC
Water elevation: 211.73 ft (64.54 m) msl
Sp. conductance: 108 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.
Time: 8:50
pH: 6.7
Alkalinity: 14 meq/L
Water temperature: 24.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Iron	18	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic halogens	< 5.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
1	Trichloroethylene	1.1	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
1	1,1,1-Trichloroethane	4.0	µg/L	GE
1	1,1,1-Trichloroethane	3.1	µg/L	MA
0	Total radium	< 1.0	pCi/L	GE

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 — Time: 10:25
Depth to water: 134.53 ft (41.01 m) below TOC — pH: 5.0
Water elevation: 212.27 ft (64.70 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 19 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloroform	1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	16	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Trichloroethylene	1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Total radium	1.6±2.2	pCi/L	GE

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 — Time: 10:10
Depth to water: 133.73 ft (40.76 m) below TOC — pH: 5.4
Water elevation: 212.87 ft (64.88 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 19 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 21 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloroform	1.0	µg/L	GE
0	Iron	21	µg/L	GE
2	Lead	32	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Total radium	2.8±2.4	pCi/L	GE

WELL SSS 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 — Time: 9:45
Depth to water: 40.27 ft (12.27 m) below TOC — pH: 6.5
Water elevation: 154.63 ft (47.13 m) msl — Alkalinity: 11 meq/L
Sp. conductance: 92 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL SSS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 — Time: 10:40
Depth to water: 16.17 ft (4.93 m) below TOC — pH: 5.5
Water elevation: 148.93 ft (45.39 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 44 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 5 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE

WELL SSS 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90 — Time: 10:15
Depth to water: 11.83 ft (3.61 m) below TOC — pH: 5.3
Water elevation: 151.77 ft (46.26 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 28 µS/cm — Water temperature: 23.5°C
Water evacuated before sampling: 4 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE

WELL SSS 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 11:55
The well was dry.

WELL SSS 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 — Time: 9:10
Depth to water: 52.61 ft (16.04 m) below TOC — pH: 5.1
Water elevation: 187.39 ft (57.12 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 35 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
2	Total radium	15±6.1	pCi/L	GE

WELL SSS 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 11:30
The well was dry.

WELL SSS 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 12:45
Inaccessibility or pump failure prevented sample collection.

WELL SSS 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 12:45
Inaccessibility or pump failure prevented sample collection.

WELL SSS 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 — Time: 12:45
Inaccessibility or pump failure prevented sample collection.

ANALYTICAL RESULTS

WELL SSS 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 12:00
Depth to water: 75.27 ft (22.94 m) below TOC pH: 5.7
Water elevation: 236.33 ft (72.03 m) msl Alkalinity: 14 meq/L
Sp. conductance: 184 µS/cm Water temperature: 26.2°C
Water evacuated before sampling: 2 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Nitrate as nitrogen	5,200	µg/L	GE
1	Gross alpha	9.6±5.4	pCi/L	GE

WELL SSS 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 12:20
The well was dry.

WELL SSS 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 12:30
The well was dry.

WELL SSS 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 Time: 10:20
Depth to water: 26.14 ft (7.97 m) below TOC pH: 4.9
Water elevation: 196.56 ft (59.91 m) msl Alkalinity: 1 meq/L
Sp. conductance: 37 µS/cm Water temperature: 23.6°C
Water evacuated before sampling: 6 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Calcium	610	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Potassium	900	µg/L	GE
0	Silica	4,800	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Total dissolved solids	62,000	µg/L	GE
2	Total radium	11±3.8	pCi/L	GE

WELL SSS 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 12:10
The well was dry.

WELL SSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90 Time: 9:40
Depth to water: 75.45 ft (23.00 m) below TOC pH: 5.0
Water elevation: 177.55 ft (54.12 m) msl Alkalinity: 1 meq/L
Sp. conductance: 33 µS/cm Water temperature: 23.5°C
No water was evacuated before sampling.
The well went dry during purging.

WELL SSS 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90 Time: 12:30
The well was dry.

WELL SSS 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 13:40
Depth to water: 52.82 ft (16.10 m) below TOC pH: 5.0
Water elevation: 238.08 ft (72.57 m) msl Alkalinity: 2 meq/L
Sp. conductance: 38 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 10 gal

WELL SSS 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 13:10
Depth to water: 54.80 ft (16.70 m) below TOC pH: 5.2
Water elevation: 246.20 ft (75.04 m) msl Alkalinity: 1 meq/L
Sp. conductance: 30 µS/cm Water temperature: 22.7°C
Water evacuated before sampling: 7 gal

WELL SSS 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/90 Time: 12:50
The well was dry.

WELL SSS 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 Time: 11:35
Depth to water: 7.51 ft (2.29 m) below TOC pH: 6.5
Water elevation: 195.69 ft (59.65 m) msl Alkalinity: 31 meq/L
Sp. conductance: 114 µS/cm Water temperature: 23.7°C
Water evacuated before sampling: 17 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Iron	9,900	µg/L	GE
2	Manganese	640	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Gross alpha	2.6±2.3	pCi/L	GE
1	Total radium	2.9±2.4	pCi/L	GE

WELL SSS 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 Time: 11:05
Depth to water: 21.85 ft (6.66 m) below TOC pH: 4.7
Water elevation: 192.75 ft (58.75 m) msl Alkalinity: 2 meq/L
Sp. conductance: 58 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 9 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Iron	220	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Gross alpha	5.9±1.7	pCi/L	GE
1	Total radium	4.7±2.8	pCi/L	GE

WELL SSS 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90 — Time: 12:10
Depth to water: 40.35 ft (12.30 m) below TOC — pH: 4.8
Water elevation: 173.45 ft (52.87 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 32 µS/cm — Water temperature: 24.7°C
Water evacuated before sampling: 8 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Iron	16	µg/L	GE
0	Manganese	3.1	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
2	Gross alpha	27±5.8	pCi/L	GE
2	Total radium	26±5.5	pCi/L	GE

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 11:55
Depth to water: 52.54 ft (16.01 m) below TOC — pH: 5.2
Water elevation: 98.66 ft (30.07 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 96 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	Specific conductance	97	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	77	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	3,110	µg/L	MT
2	Carbon tetrachloride	10	µg/L	MT
0	Chloride	4,710	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	27	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	1,590	µg/L	MT
1	Manganese	46	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	3,680	µg/L	MT
1	Phenols	6.6	µg/L	MT
0	Potassium	1,840	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,700	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	6,210	µg/L	MT
0	Sulfate	3,820	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	92,000	µg/L	MT
0	Total organic carbon	1,490	µg/L	MT
2	Total organic halogens	55	µg/L	MT
0	Total phosphates	116	µg/L	MT
0	Total phosphates	88	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	56	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT

WELL TBG 1 collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
1	Total radium	4.1±0.80	pCi/L	MT
1	Total radium	3.3±0.70	pCi/L	MT
0	Tritium	2.6±0.30	pCi/mL	MT

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 10:35
Depth to water: 50.17 ft (15.29 m) below TOC — pH: 4.1
Water elevation: 101.03 ft (30.79 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 229 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
1	Specific conductance	229	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	187	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	5,020	µg/L	MT
2	Carbon tetrachloride	290	µg/L	MT
0	Chloride	3,110	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	21	µg/L	MT
0	Iron	21	µg/L	MT
0	Lead	3.6	µg/L	MT
0	Magnesium	3,410	µg/L	MT
2	Manganese	537	µg/L	MT
1	Mercury	0.56	µg/L	MT
2	Nitrate as nitrogen	24,100	µg/L	MT
1	Phenols	18	µg/L	MT
0	Potassium	3,360	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,900	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	21,200	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	9.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	177,000	µg/L	MT
0	Total organic carbon	1,360	µg/L	MT
2	Total organic halogens	342	µg/L	MT
1	Total phosphates	623	µg/L	MT
1	trans-1,2-Dichloroethene	30	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	240	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	J 4.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	19±4.0	pCi/L	MT
1	Nonvolatile beta	20±4.0	pCi/L	MT
2	Total radium	17±2.0	pCi/L	MT
0	Tritium	2.4±0.30	pCi/mL	MT

ANALYTICAL RESULTS

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 11:15
Depth to water: 50.93 ft (15.52 m) below TOC — pH: 3.8
Water elevation: 100.37 ft (30.59 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 424 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
1	Specific conductance	408	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	345	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	8,480	µg/L	MT
2	Carbon tetrachloride	420	µg/L	MT
0	Chloride	3,410	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	7.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	270	µg/L	MT
0	Iron	8.7	µg/L	MT
0	Lead	<3.0	µg/L	MT
1	Magnesium	6,760	µg/L	MT
2	Manganese	556	µg/L	MT
2	Mercury	3.8	µg/L	MT
2	Nitrate as nitrogen	45,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,700	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	40,200	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	37	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	328,000	µg/L	MT
0	Total organic carbon	2,440	µg/L	MT
2	Total organic halogens	656	µg/L	MT
0	Total phosphates	112	µg/L	MT
1	trans-1,2-Dichloroethene	120	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	640	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	25±5.0	pCi/L	MT
1	Nonvolatile beta	35±5.0	pCi/L	MT
2	Total radium	37±4.0	pCi/L	MT
0	Tritium	2.5±0.30	pCi/mL	MT

WELL TBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 10:15
Depth to water: 49.30 ft (15.03 m) below TOC — pH: 5.1
Water elevation: 100.10 ft (30.51 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 112 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
1	Specific conductance	103	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	23	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	9,660	µg/L	MT
1	Carbon tetrachloride	J 2.0	µg/L	MT
0	Chloride	3,850	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	J 1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
1	Chromium	9.9	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	18	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	1,790	µg/L	MT
2	Manganese	58	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	6,110	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,780	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,800	µg/L	MT
2	Silver	56	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	6,030	µg/L	MT
1	Sulfate	10,300	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	117,000	µg/L	MT
0	Total dissolved solids	104,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	1,900	µg/L	MT
1	Total phosphates	1,030	µg/L	MT
1	trans-1,2-Dichloroethene	25	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	4,800	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
1	Gross alpha	5.9±2.8	pCi/L	MT
0	Nonvolatile beta	7.0±3.5	pCi/L	MT
1	Nonvolatile beta	10±3.0	pCi/L	MT
1	Total radium	2.8±0.60	pCi/L	MT
0	Tritium	4.2±0.50	pCi/mL	MT

WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 — Time: 11:45
Depth to water: 49.13 ft (14.98 m) below TOC — pH: 4.4
Water elevation: 100.27 ft (30.56 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 40 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 143 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	5.1	pH	MT
0	Specific conductance	41	µS/cm	GE
0	Specific conductance	39	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Barium	17	µg/L	GE
0	Barium	19	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,000	µg/L	GE
0	Calcium	1,980	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,500	µg/L	GE
0	Chloride	3,080	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	6.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iron	13	µg/L	GE
0	Iron	21	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	3.8	µg/L	MT
0	Magnesium	330	µg/L	GE
0	Magnesium	333	µg/L	MT
2	Manganese	71	µg/L	GE
2	Manganese	81	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	760	µg/L	GE
0	Nitrate as nitrogen	590	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	930	µg/L	GE
0	Potassium	1,050	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	7,700	µg/L	GE
0	Silica	7,980	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	2,200	µg/L	GE
0	Sodium	2,430	µg/L	MT
0	Sulfate	4,500	µg/L	GE
0	Sulfate	5,070	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT

WELL TBG 5A collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	36,000	µg/L	GE
0	Total dissolved solids	38,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	216	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	2.8±3.5	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	1.0±3.2	pCi/L	GE
0	Total radium	1.1±0.40	pCi/L	MT
0	Tritium	5.3±0.40	pCi/mL	GE
0	Tritium	3.9±0.40	pCi/mL	MT

WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 — Time: 11:45
Depth to water: 49.13 ft (14.98 m) below TOC — pH: 4.4
Water elevation: 100.27 ft (30.56 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 40 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 143 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	pH	5.1	pH	MT
0	Specific conductance	42	µS/cm	GE
0	Specific conductance	42	µS/cm	GE
0	Specific conductance	42	µS/cm	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Barium	17	µg/L	GE
0	Barium	17	µg/L	GE
0	Barium	19	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
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	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,100	µg/L	GE

ANALYTICAL RESULTS

WELL TBG 5A collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Calcium	2,200	µg/L	GE
0	Calcium	1,840	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	3,500	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chloride	3,060	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
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
1	Chloroform	J 2.0	µg/L	MT
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	MT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 2.5	µg/L	MT
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	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	140	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Iron	16	µg/L	GE
0	Iron	16	µg/L	GE
0	Iron	12	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	MT
0	Magnesium	340	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Magnesium	329	µg/L	MT
2	Manganese	74	µg/L	GE
2	Manganese	77	µg/L	GE
2	Manganese	80	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Nitrate as nitrogen	740	µg/L	GE
0	Nitrate as nitrogen	770	µg/L	GE
0	Nitrate as nitrogen	600	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Potassium	840	µg/L	GE
0	Potassium	900	µg/L	GE
0	Potassium	1,080	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Silica	7,800	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silica	7,840	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	MT
0	Sodium	2,200	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sodium	2,400	µg/L	MT
0	Sulfate	4,800	µg/L	GE
0	Sulfate	4,600	µg/L	GE
0	Sulfate	5,340	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	35,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total dissolved solids	18,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE

WELL TBG 5A collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	1,230	µg/L	MT
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	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	247	µg/L	MT
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	MT
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	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
1	Trichlorofluoromethane	J 2.0	µg/L	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
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	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 4.0	pCi/L	MT
0	Nonvolatile beta	2.9±3.5	pCi/L	GE
0	Nonvolatile beta	2.8±3.5	pCi/L	GE
0	Nonvolatile beta	< 8.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	5.6±0.30	pCi/mL	GE
0	Tritium	5.3±0.30	pCi/mL	GE
0	Tritium	3.8±0.40	pCi/mL	MT

WELL TBG 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 40.34 ft (12.30 m) below TOC
Water elevation: 109.66 ft (33.42 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 105 gal

Time: 9:00
pH: 5.6
Alkalinity: 7 meq/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	38	µS/cm	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	18	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Bromide	< 250	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	3,630	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	1,700	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT

WELL TBG 6R collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 7.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	404	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	552	µg/L	MT
0	Manganese	13	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,280	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	20,200	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	1,230	µg/L	MT
0	Sulfate	5,930	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	40,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	258	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	2.0±0.60	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL TBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 12:15
Depth to water: 47.09 ft (14.35 m) below TOC — pH: 4.5
Water elevation: 101.01 ft (30.79 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 227 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
1	Specific conductance	223	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	111	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
1	Calcium	14,300	µg/L	MT
2	Carbon tetrachloride	25	µg/L	MT
0	Chloride	4,560	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
1	Chloroform	J 1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	260	µg/L	MT
0	Iron	28	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	3,370	µg/L	MT
2	Manganese	157	µg/L	MT
0	Mercury	<0.20	µg/L	MT
2	Nitrate as nitrogen	23,700	µg/L	MT

WELL TBG 6 collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,460	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,500	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	13,500	µg/L	MT
0	Sulfate	2,250	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	233,000	µg/L	MT
0	Total organic carbon	1,470	µg/L	MT
2	Total organic halogens	1,090	µg/L	MT
1	Total phosphates	761	µg/L	MT
1	trans-1,2-Dichloroethene	10	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	1,900	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Gross alpha	7.0±3.2	pCi/L	MT
0	Nonvolatile beta	5.8±5.3	pCi/L	MT
2	Total radium	12±2.0	pCi/L	MT
0	Tritium	4.2±0.50	pCi/mL	MT

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 — Time: 10:40
Depth to water: 44.24 ft (13.48 m) below TOC — pH: 5.9
Water elevation: 102.56 ft (31.26 m) msl — Alkalinity: 11 meq/L
Sp. conductance: 87 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	Specific conductance	68	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	12	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 1.5	µg/L	MT
0	Calcium	5,470	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,070	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	8.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	54	µg/L	MT
0	Lead	3.3	µg/L	MT
0	Magnesium	828	µg/L	MT
0	Manganese	1.8	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	770	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,040	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,580	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	3,040	µg/L	MT
0	Sulfate	4,180	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	49,000	µg/L	MT
0	Total organic carbon	1,410	µg/L	MT
0	Total organic halogens	7.9	µg/L	MT
0	Total organic halogens	8.8	µg/L	MT
0	Total phosphates	100	µg/L	MT

ANALYTICAL RESULTS

WELL TBG 7 collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	2.5±0.30	pCi/mL	MT

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 — Time: 10:40
Depth to water: 44.24 ft (13.48 m) below TOC — pH: 5.9
Water elevation: 102.56 ft (31.26 m) msl — Alkalinity: 11 meq/L
Sp. conductance: 57 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 60 gal

WELL TNX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90 — Time: 12:50
Depth to water: 58.91 ft (17.96 m) below TOC — pH: 6.2
Water elevation: 97.59 ft (29.75 m) msl — Alkalinity: 35 meq/L
Sp. conductance: 69 µS/cm — Water temperature: 27.4°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
0	Specific conductance	68	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	15	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	5,120	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,660	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 8.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	19	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	669	µg/L	MT
1	Manganese	38	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	832	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,000	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	4,260	µg/L	MT
0	Sulfate	1,640	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	38,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT

WELL TNX 1D collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total phosphates	120	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/90 — Time: 17:05
Depth to water: 57.65 ft (17.57 m) below TOC — pH: 5.8
Water elevation: 97.45 ft (29.70 m) msl — Alkalinity: 16 meq/L
Sp. conductance: 72 µS/cm — Water temperature: 28.7°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	68	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	19	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	3,790	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,700	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	63	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	594	µg/L	MT
2	Manganese	139	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	920	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,440	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,200	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	7,530	µg/L	MT
0	Sulfate	5,220	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	84,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	10	µg/L	MT
0	Total phosphates	81	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT

WELL TNX 2D collected on 09/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	14±3.0	pCi/L	MT
0	Total radium	1.1±0.40	pCi/L	MT
0	Tritium	2.7±0.30	pCi/mL	MT

WELL TNX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90
Depth to water: 56.43 ft (17.20 m) below TOC
Water elevation: 97.87 ft (29.83 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 10:05
pH: 5.5
Alkalinity: 6 meq/L
Water temperature: 23.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	Specific conductance	60	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	14	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	5,160	µg/L	MT
2	Carbon tetrachloride	24	µg/L	MT
0	Chloride	3,450	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	J 1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	330	µg/L	MT
2	Manganese	65	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	2,870	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,240	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,490	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	5,830	µg/L	MT
0	Sulfate	2,050	µg/L	MT
2	Tetrachloroethylene	6.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	46,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	99	µg/L	MT
1	Total phosphates	326	µg/L	MT
1	trans-1,2-Dichloroethene	36	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	94	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	3.9±2.2	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	1.2±0.40	pCi/L	MT
0	Tritium	3.7±0.40	pCi/mL	MT

WELL TNX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90
Depth to water: 49.91 ft (15.21 m) below TOC
Water elevation: 99.89 ft (30.45 m) msl
Sp. conductance: 83 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 9:10
pH: 5.8
Alkalinity: 6 meq/L
Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	90	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	9,830	µg/L	MT
2	Carbon tetrachloride	5.0	µg/L	MT
0	Chloride	3,590	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	270	µg/L	MT
0	Iron	7.9	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	635	µg/L	MT
0	Manganese	23	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	4,330	µg/L	MT
1	Phenols	7.7	µg/L	MT
0	Potassium	1,090	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,000	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	3,510	µg/L	MT
0	Sulfate	2,860	µg/L	MT
1	Tetrachloroethylene	J 4.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	62,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	18	µg/L	MT
1	Total phosphates	3,740	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	J 3.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Gross alpha	6.0±2.6	pCi/L	MT
0	Nonvolatile beta	7.1±3.9	pCi/L	MT
2	Total radium	5.8±0.80	pCi/L	MT
0	Tritium	8.1±0.90	pCi/mL	MT

ANALYTICAL RESULTS

WELL TNX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 — Time: 9:40
Depth to water: 47.82 ft (14.58 m) below TOC — pH: 5.5
Water elevation: 101.48 ft (30.93 m) msl — Alkalinity: 29 meq/L
Sp. conductance: 108 µS/cm — Water temperature: 23.4°C
Water evacuated before sampling: 5 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
1	Specific conductance	107	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	26	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bromide	320	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	8,620	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	8,350	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	19	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	1,250	µg/L	MT
1	Manganese	47	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	3,950	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,390	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,500	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	8,580	µg/L	MT
1	Sulfate	14,700	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	53,000	µg/L	MT
0	Total organic carbon	1,700	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	666	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	7.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	3.2±2.2	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	1.6±0.40	pCi/L	MT

WELL TNX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 — Time: 8:35
Depth to water: 48.98 ft (14.93 m) below TOC — pH: 5.5
Water elevation: 101.52 ft (30.94 m) msl — Alkalinity: 11 meq/L
Sp. conductance: 156 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 4 gal
There was insufficient water to fill all or some sample bottles

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
1	Specific conductance	129	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT

WELL TNX 6D collected on 09/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	17	µg/L	MT
0	Benzene	<5.0	µg/L	MT
1	Bromide	1,120	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	9,180	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	7,470	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	40	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	1,110	µg/L	MT
1	Manganese	45	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	3,450	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,190	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,470	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	14,300	µg/L	MT
1	Sulfate	29,300	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	96,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	1,770	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	1.9±0.50	pCi/L	MT

WELL TNX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 — Time: 10:55
Depth to water: 51.79 ft (15.79 m) below TOC — pH: 5.7
Water elevation: 99.11 ft (30.21 m) msl — Alkalinity: 14 meq/L
Sp. conductance: 62 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	60	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	11	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,750	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,620	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT

WELL TNX 7D collected on 09/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	65	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	363	µg/L	MT
1	Manganese	32	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	944	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,000	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	8,960	µg/L	MT
0	Sulfate	7,640	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	36,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	129	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.5±0.20	pCi/mL	MT

WELL TNX 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 8.32 ft (2.54 m) below TOC
Water elevation: 91.98 ft (28.04 m) msl
Sp. conductance: 156 µS/cm
Water evacuated before sampling: 50 gal
Time: 10:50
pH: 5.4
Alkalinity: 1 meq/L
Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	pH	5.3	pH	MT
1	Specific conductance	154	µS/cm	MT
1	Specific conductance	154	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	68	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	6,780	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,640	µg/L	MT
0	Chloride	5,620	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 8.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	59	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	1,540	µg/L	MT
0	Manganese	24	µg/L	MT

WELL TNX 8D collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	MT
2	Nitrate as nitrogen	11,400	µg/L	MT
2	Nitrate as nitrogen	11,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,880	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,700	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	15,900	µg/L	MT
0	Sulfate	7,910	µg/L	MT
0	Sulfate	7,720	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	11,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	12	µg/L	MT
0	Total phosphates	120	µg/L	MT
0	Total phosphates	108	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	18	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	4.0±0.40	pCi/mL	MT

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 9.57 ft (2.92 m) below TOC
Water elevation: 92.13 ft (28.08 m) msl
Sp. conductance: 275 µS/cm
Water evacuated before sampling: 48 gal
Time: 11:20
pH: 4.6
Alkalinity: 0 meq/L
Water temperature: 23.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	4.6	pH	MT
1	Specific conductance	262	µS/cm	GE
1	Specific conductance	267	µS/cm	MT
1	Arsenic	4.0	µg/L	GE
1	Arsenic	3.5	µg/L	MT
1	Barium	53	µg/L	GE
1	Barium	57	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	8,300	µg/L	GE
0	Calcium	7,240	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,300	µg/L	GE
0	Chloride	3,750	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL TNX 9D collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	B 14	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	130	µg/L	GE
0	Fluoride	<250	µg/L	MT
2	Iron	500	µg/L	GE
2	Iron	602	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Magnesium	1,200	µg/L	GE
0	Magnesium	1,320	µg/L	MT
1	Manganese	37	µg/L	GE
1	Manganese	46	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
2	Nitrate as nitrogen	12,700	µg/L	GE
2	Nitrate as nitrogen	12,900	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,400	µg/L	GE
0	Potassium	1,530	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
1	Silica	15,000	µg/L	GE
1	Silica	13,500	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
1	Sodium	38,000	µg/L	GE
1	Sodium	35,400	µg/L	MT
1	Sulfate	54,500	µg/L	GE
1	Sulfate	53,500	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	180,000	µg/L	GE
0	Total dissolved solids	196,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	6.7	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	91	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	9.0	µg/L	GE
2	Trichloroethylene	11	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	3.4±2.2	pCi/L	GE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	1.6±0.40	pCi/L	MT
0	Tritium	2.9±0.30	pCi/mL	GE
0	Tritium	3.0±0.30	pCi/mL	MT

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 9.57 ft (2.92 m) below TOC
Water elevation: 92.13 ft (28.08 m) msl
Sp. conductance: 275 µS/cm
Water evacuated before sampling: 48 gal

Time: 11:20
pH: 4.6
Alkalinity: 0 meq/L
Water temperature: 23.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	pH	4.8	pH	MT
1	Specific conductance	237	µS/cm	GE
1	Specific conductance	267	µS/cm	MT
1	Arsenic	2.0	µg/L	GE
1	Arsenic	4.4	µg/L	MT
0	Barium	48	µg/L	GE
1	Barium	56	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	8,200	µg/L	GE
0	Calcium	7,240	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,000	µg/L	GE
0	Chloride	3,730	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	B 14	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
2	Iron	580	µg/L	GE
2	Iron	613	µg/L	MT
0	Lead	3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Magnesium	1,300	µg/L	GE
0	Magnesium	1,310	µg/L	MT
1	Manganese	39	µg/L	GE
1	Manganese	45	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
2	Nitrate as nitrogen	13,700	µg/L	GE
2	Nitrate as nitrogen	13,300	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,400	µg/L	GE
0	Potassium	1,550	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
1	Silica	14,000	µg/L	GE
1	Silica	13,600	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
1	Sodium	37,000	µg/L	GE
1	Sodium	35,400	µg/L	MT
1	Sulfate	46,500	µg/L	GE
1	Sulfate	54,100	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT

WELL TNX 9D collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	81,000	µg/L	GE
0	Total dissolved solids	196,000	µg/L	MT
0	Total dissolved solids	196,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	5.0	µg/L	GE
0	Total organic halogens	7.1	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	71	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	10	µg/L	GE
2	Trichloroethylene	11	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	4.5±2.3	pCi/L	GE
0	Nonvolatile beta	<6.0	pCi/L	MT
1	Total radium	3.2±2.5	pCi/L	GE
0	Total radium	1.6±0.40	pCi/L	MT
0	Tritium	2.9±0.30	pCi/mL	GE
0	Tritium	3.1±0.40	pCi/mL	MT

WELL TNX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 10.06 ft (3.07 m) below TOC
Water elevation: 92.24 ft (28.12 m) msl
Sp. conductance: 125 µS/cm
Water evacuated before sampling: 42 gal
Time: 10:25
pH: 4.3
Alkalinity: 0 meq/L
Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
1	Specific conductance	123	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	33	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	3,140	µg/L	MT
2	Carbon tetrachloride	40	µg/L	MT
0	Chloride	3,960	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 14	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	57	µg/L	MT
0	Lead	5.1	µg/L	MT
0	Magnesium	1,080	µg/L	MT
2	Manganese	102	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	7,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,190	µg/L	MT

WELL TNX 10D collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Selenium	<3.0	µg/L	MT
1	Silica	10,000	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	11,300	µg/L	MT
0	Sulfate	8,280	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	91,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	335	µg/L	MT
0	Total phosphates	69	µg/L	MT
1	trans-1,2-Dichloroethene	87	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	340	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Gross alpha	6.6±2.9	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.4±0.40	pCi/mL	MT

WELL TNX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 7.61 ft (2.32 m) below TOC
Water elevation: 92.19 ft (28.10 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 52 gal
Time: 10:00
pH: 4.9
Alkalinity: 0 meq/L
Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	45	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	28	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,900	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,690	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 13	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	136	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	619	µg/L	MT
1	Manganese	27	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,030	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,000	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,820	µg/L	MT
1	Sulfate	13,400	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	48,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	5.2	µg/L	MT
0	Total phosphates	243	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	7.0	µg/L	MT

ANALYTICAL RESULTS

WELL TNX 11D collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	2.2±0.30	pCi/mL	MT
0	Tritium	2.0±0.20	pCi/mL	MT

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 5.83 ft (1.78 m) below TOC
Water elevation: 93.37 ft (28.48 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 55 gal

Time: 12:10
pH: 5.9
Alkalinity: 12 meq/L
Water temperature: 24.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	64	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	25	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	4,480	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,740	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 13	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	25	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	1,320	µg/L	MT
1	Manganese	25	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,200	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	4,840	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	3,530	µg/L	MT
0	Sulfate	9,050	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	36,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	130	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL XSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90
Depth to water: 59.13 ft (18.02 m) below TOC
Water elevation: 98.87 ft (29.53 m) msl
Sp. conductance: 101 µS/cm
Water evacuated before sampling: 146 gal

Time: 12:55
pH: 4.9
Alkalinity: 3 meq/L
Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	Specific conductance	45	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	15	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,810	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,320	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	7.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	17	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	392	µg/L	MT
1	Manganese	27	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	7,720	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	908	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,900	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	14,600	µg/L	MT
0	Sulfate	3,670	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	96,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	64	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.5±0.40	pCi/mL	MT

WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90 — Time: 9:35
Depth to water: 57.28 ft (17.46 m) below TOC — pH: 5.7
Water elevation: 98.62 ft (30.08 m) msl — Alkalinity: 10 meq/L
Sp. conductance: 60 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	MT
0	Specific conductance	57	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	27	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	6,880	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,570	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	B 14	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Iron	502	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	513	µg/L	MT
0	Manganese	15	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,340	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	22,400	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,440	µg/L	MT
0	Sulfate	8,230	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	44,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	161	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL XSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 — Time: 13:20
Depth to water: 58.78 ft (17.92 m) below TOC — pH: 4.9
Water elevation: 97.22 ft (29.63 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 80 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 255 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	63	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	28	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,800	µg/L	MT
2	Carbon tetrachloride	14	µg/L	MT
0	Chloride	4,060	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	6.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	11	µg/L	MT
0	Lead	3.3	µg/L	MT
0	Magnesium	679	µg/L	MT
0	Manganese	17	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	3,830	µg/L	MT
1	Phenols	5.6	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,110	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,100	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	7,470	µg/L	MT
0	Sulfate	1,140	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	102	µg/L	MT
1	trans-1,2-Dichloroethene	33	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	100	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.2±0.40	pCi/L	MT

WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90 — Time: 12:35
Depth to water: 57.86 ft (17.64 m) below TOC — pH: 6.4
Water elevation: 96.94 ft (29.55 m) msl — Alkalinity: 70 meq/L
Sp. conductance: 231 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
1	Specific conductance	208	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT

ANALYTICAL RESULTS

WELL XSB 2D collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Barium	64	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	29,000	µg/L	MT
2	Carbon tetrachloride	21	µg/L	MT
0	Chloride	3,650	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	J 2.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
1	Ethylbenzene	20	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Iron	<5.0	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	510	µg/L	MT
0	Manganese	13	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	5,940	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,400	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,540	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	13,000	µg/L	MT
0	Sulfate	2,510	µg/L	MT
1	Tetrachloroethylene	J 2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	143	µg/L	MT
1	trans-1,2-Dichloroethene	11	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	150	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	1.4±0.40	pCi/L	MT

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 100 gal

Time: 13:20
pH: 5.1
Alkalinity: 4 meq/L
Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.1	pH	MT
0	Specific conductance	75	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	11	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	4,020	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,840	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT

WELL XSB 3A collected on 09/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	102	µg/L	MT
0	Lead	3.8	µg/L	MT
0	Magnesium	819	µg/L	MT
0	Manganese	16	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	3,160	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,030	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,630	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	7,980	µg/L	MT
0	Sulfate	3,780	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	11	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	14	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 100 gal

Time: 13:20
pH: 5.1
Alkalinity: 4 meq/L
Water temperature: 22.1°C

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90
Depth to water: 58.05 ft (17.69 m) below TOC
Water elevation: 96.85 ft (29.52 m) msl
Sp. conductance: 151 µS/cm
Water evacuated before sampling: 254 gal

Time: 14:30
pH: 4.8
Alkalinity: 1 meq/L
Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.4	pH	MT
1	Specific conductance	159	µS/cm	GE
1	Specific conductance	140	µS/cm	MT
0	Aluminum	40	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Barium	47	µg/L	GE
0	Barium	48	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE

WELL XSB 4D collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<1.5	µg/L	MT
0	Calcium	5,700	µg/L	GE
0	Calcium	5,110	µg/L	MT
2	Carbon tetrachloride	4.0	µg/L	GE
2	Carbon tetrachloride	J 3.0	µg/L	MT
0	Chloride	5,500	µg/L	GE
0	Chloride	4,980	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Chloroform	J 1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	50	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iron	8.7	µg/L	GE
0	Iron	5.3	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Magnesium	1,500	µg/L	GE
0	Magnesium	1,340	µg/L	MT
1	Manganese	41	µg/L	GE
1	Manganese	40	µg/L	MT
2	Mercury	1.4	µg/L	GE
2	Mercury	1.5	µg/L	MT
2	Nitrate as nitrogen	12,900	µg/L	GE
2	Nitrate as nitrogen	12,400	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,300	µg/L	GE
0	Potassium	1,600	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	8,600	µg/L	GE
0	Silica	8,640	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	2,700	µg/L	GE
1	Sodium	19,500	µg/L	MT
0	Sulfate	4,600	µg/L	GE
0	Sulfate	4,760	µg/L	MT
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	J 2.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	19	µg/L	GE
1	Total organic halogens	21	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	27	µg/L	GE
2	Trichloroethylene	22	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT

WELL XSB 4D collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	3.0±2.2	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.8±2.2	pCi/L	GE
0	Total radium	1.4±0.40	pCi/L	MT

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/90 — Time: 14:30
Depth to water: 58.05 ft (17.69 m) below TOC — pH: 4.8
Water elevation: 96.85 ft (29.52 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 151 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 254 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.3	pH	MT
1	Specific conductance	159	µS/cm	GE
1	Specific conductance	146	µS/cm	MT
0	Aluminum	37	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Barium	48	µg/L	GE
1	Barium	52	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	5,500	µg/L	GE
0	Calcium	5,560	µg/L	MT
2	Carbon tetrachloride	4.0	µg/L	GE
2	Carbon tetrachloride	J 3.0	µg/L	MT
0	Chloride	5,500	µg/L	GE
0	Chloride	4,970	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Chloroform	J 2.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	110	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Iron	6.2	µg/L	GE
0	Iron	5.2	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	MT
0	Magnesium	1,400	µg/L	GE
0	Magnesium	1,460	µg/L	MT
1	Manganese	36	µg/L	GE
1	Manganese	45	µg/L	MT
2	Mercury	1.3	µg/L	GE
2	Mercury	1.8	µg/L	MT
2	Nitrate as nitrogen	12,900	µg/L	GE
2	Nitrate as nitrogen	12,100	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,300	µg/L	GE
0	Potassium	1,740	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	8,300	µg/L	GE

ANALYTICAL RESULTS

WELL XSB 4D collected on 09/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silica	9,320	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
1	Sodium	17,000	µg/L	GE
1	Sodium	21,400	µg/L	MT
0	Sulfate	4,800	µg/L	GE
0	Sulfate	4,790	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Tetrachloroethylene	J 2.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	17	µg/L	GE
1	Total organic halogens	22	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	26	µg/L	GE
2	Trichloroethylene	19	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	Trichlorofluoromethane	J 2.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	3.3±2.2	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	2.4±2.3	pCi/L	GE
0	Total radium	2.0±0.50	pCi/L	MT

WELL XSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90 — Time: 13:20
Depth to water: 18.01 ft (4.88 m) below TOC — pH: 4.4
Water elevation: 95.99 ft (29.26 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 118 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
1	Specific conductance	112	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	13	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	3,240	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,200	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	15	µg/L	MT
1	Lead	20	µg/L	MT

WELL XSB 6A collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	422	µg/L	MT
0	Manganese	7.3	µg/L	MT
1	Mercury	0.58	µg/L	MT
1	Mercury	0.58	µg/L	MT
1	Nitrate as nitrogen	7,340	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,140	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,340	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	13,200	µg/L	MT
0	Sulfate	6,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	5.6	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	10	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Gross alpha	5.4±2.4	pCi/L	MT
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	1.6±0.40	pCi/L	MT

WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90 — Time: 10:25
Depth to water: 28.67 ft (8.74 m) below TOC — pH: 5.5
Water elevation: 116.83 ft (35.61 m) msl — Alkalinity: 4 meq/L
Sp. conductance: 42 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.57	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.37	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.40	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.5	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.83	ng/L	MT
0	pH	5.9	pH	GE
0	pH	5.8	pH	MT
0	Specific conductance	32	µS/cm	GE
0	Specific conductance	37	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.5	ng/L	MT
0	Acetone	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Barium	8.5	µg/L	GE
0	Barium	8.5	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
1	Bis(2-ethylhexyl) phthalate	J 3.0	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,700	µg/L	GE
0	Calcium	1,940	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE

WELL YSB 1A collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,700	µg/L	GE
0	Chloride	3,680	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	5.2	µg/L	GE
0	Copper	7.9	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	77	µg/L	GE
0	Iron	41	µg/L	MT
0	Lead	8.0	µg/L	GE
0	Lead	3.9	µg/L	MT
0	Magnesium	300	µg/L	GE
0	Magnesium	281	µg/L	MT
0	Manganese	2.0	µg/L	GE
0	Manganese	1.8	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	J 0.024	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
1	Nickel	8.0	µg/L	GE
0	Nickel	7.4	µg/L	MT
0	Nitrate as nitrogen	1,050	µg/L	GE
0	Nitrate as nitrogen	800	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	800	µg/L	GE
0	Potassium	910	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	8,500	µg/L	GE
0	Silica	8,180	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	2,400	µg/L	GE
0	Sodium	2,520	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
1	Total phosphates	313	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Zinc	7.4	µg/L	GE
0	Zinc	7.1	µg/L	MT

WELL YSB 1A collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	J 0.077	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.0±0.30	pCi/mL	GE
0	Tritium	3.5±0.40	pCi/mL	MT

WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 28.67 ft (8.74 m) below TOC
Water elevation: 116.83 ft (35.61 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 48 gal
Time: 10:25
pH: 6.5
Alkalinity: 4 meq/L
Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.80	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.45	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.58	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.54	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.57	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<0.99	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.41	ng/L	MT
0	pH	6.2	pH	GE
0	pH	5.9	pH	MT
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	36	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.7	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	Acetone	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Barium	8.6	µg/L	GE
J	Barium	8.7	µg/L	MT
J	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
1	Bis(2-ethylhexyl) phthalate	J 5.0	µg/L	MT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	MT
0	Calcium	2,500	µg/L	GE
0	Calcium	2,000	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,900	µg/L	GE
0	Chloride	3,690	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL YSB 1A collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	7.1	µg/L	GE
0	Copper	10	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	60	µg/L	GE
0	Iron	39	µg/L	MT
0	Lead	8.0	µg/L	GE
0	Lead	4.9	µg/L	MT
0	Magnesium	280	µg/L	GE
0	Magnesium	289	µg/L	MT
0	Manganese	2.0	µg/L	GE
0	Manganese	1.7	µg/L	MT
2	Mercury	1.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	MT
1	Nickel	14	µg/L	GE
1	Nickel	9.2	µg/L	MT
0	Nitrate as nitrogen	1,080	µg/L	GE
0	Nitrate as nitrogen	600	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Potassium	710	µg/L	GE
0	Potassium	844	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Silica	8,100	µg/L	GE
0	Silica	8,390	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	MT
0	Sodium	2,100	µg/L	GE
0	Sodium	2,580	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<50	µg/L	GE
1	Total phosphates	428	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	MT
0	Zinc	8.2	µg/L	GE
0	Zinc	22	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL YSB 1A collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	J 0.28	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	1.3±2.1	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.9±0.30	pCi/mL	GE
0	Tritium	3.3±0.40	pCi/mL	MT

WELL YSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90 — Time: 11:50
Depth to water: 27.02 ft (8.24 m) below TOC — pH: 4.9
Water elevation: 117.66 ft (35.87 m) msl — Alkalinity: 2 meq/L
Sp. conductance: 43 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<0.70	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.81	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.65	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.61	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.99	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.1	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.49	ng/L	MT
0	pH	5.7	pH	MT
0	Specific conductance	40	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<0.89	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	9.1	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 1.0	µg/L	MT
0	Bromide	<250	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,930	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,360	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	4.2	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	78	µg/L	MT
0	Lead	5.1	µg/L	MT
0	Magnesium	388	µg/L	MT
0	Manganese	2.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	J 0.056	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
1	Nickel	11	µg/L	MT
0	Nitrate as nitrogen	720	µg/L	MT

WELL YSB 2A collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	MT
0	Potassium	832	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,600	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	4,440	µg/L	MT
0	Sulfate	2,460	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	107	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	5.2	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.8±0.40	pCi/mL	MT

WELL YSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 26.50 ft (8.08 m) below TOC
Water elevation: 117.40 ft (35.78 m) msl
Sp. conductance: 377 µS/cm
Water evacuated before sampling: 54 gal

Time: 12:15
pH: 6.0
Alkalinity: 81 meq/L
Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.1	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<0.68	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<0.76	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.53	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.64	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.9	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.74	ng/L	MT
0	pH	6.4	pH	MT
1	Specific conductance	319	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.8	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	4.4	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 8.0	µg/L	MT
1	Bromide	510	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	4,010	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	31,600	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	8.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	3.1	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT

WELL YSB 3A collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	42	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	258	µg/L	MT
0	Manganese	2.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	J 0.051	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
1	Nickel	33	µg/L	MT
1	Nitrate as nitrogen	3,740	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	680	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	4,820	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	65,300	µg/L	MT
1	Sulfate	15,100	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	14	µg/L	MT
0	Total phosphates	200	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<0.50	µg/L	MT
0	Zinc	5.8	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	J 0.17	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.4±0.20	pCi/mL	MT

WELL YSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/90
Depth to water: 28.09 ft (8.56 m) below TOC
Water elevation: 116.51 ft (35.51 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 60 gal

Time: 11:20
pH: 5.2
Alkalinity: 14 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.2	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<1.0	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<1.3	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<0.99	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<0.56	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<1.2	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<2.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<0.94	ng/L	MT
0	pH	6.0	pH	MT
0	Specific conductance	91	µS/cm	MT
0	Tetrachlorodibenzo-p-furan isomers	<1.5	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	<1.4	ng/L	MT
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<0.50	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 2.0	µg/L	MT
1	Bromide	1,150	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	1,910	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	8,870	µg/L	MT

ANALYTICAL RESULTS

WELL YSB 4A collected on 09/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Copper	8.9	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	181	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	457	µg/L	MT
0	Manganese	6.7	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	J 0.048	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
1	Nickel	23	µg/L	MT
0	Nitrate as nitrogen	1,710	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	895	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,850	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	13,600	µg/L	MT
0	Sulfate	3,160	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	7.9	µg/L	MT
1	Total phosphates	491	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Vanadium	0.80	µg/L	MT
0	Zinc	22	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	J 0.0090	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	4.0±0.40	pCi/mL	MT

WELL YSC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 Time: 9:40
Depth to water: 109.32 ft (33.32 m) below TOC
Water elevation: 161.58 ft (49.25 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL YSC 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 Time: 9:20
Depth to water: 82.28 ft (18.98 m) below TOC pH: 6.7
Water elevation: 212.12 ft (64.65 m) msl Alkalinity: 25 meq/L
Sp. conductance: 74 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.3	pH	MT
0	Specific conductance	73	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	47	µg/L	MT

WELL YSC 1C collected on 09/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<1.5	µg/L	MT
1	Calcium	11,200	µg/L	MT
0	Chloride	1,640	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	12	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	320	µg/L	MT
0	Manganese	13	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	886	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,850	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	1,860	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Total dissolved solids	35,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	33	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	1.9±0.50	pCi/L	MT
0	Tritium	8.6±0.90	pCi/mL	MT

WELL YSC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 Time: 8:45
Depth to water: 122.58 ft (37.36 m) below TOC pH: 9.6
Water elevation: 161.12 ft (49.11 m) msl Alkalinity: 72 meq/L
Sp. conductance: 271 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 89 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	10	pH	MT
1	Specific conductance	242	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	89	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	27,900	µg/L	MT
0	Chloride	1,440	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	8.0	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	197	µg/L	MT
0	Manganese	3.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	13,100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	19,100	µg/L	MT
0	Silver	<2.5	µg/L	MT
1	Sodium	7,860	µg/L	MT
0	Sulfate	9,560	µg/L	MT
0	Total dissolved solids	148,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	280	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
1	Nonvolatile beta	11±3.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL YSC 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 Time: 9:00
Depth to water: 71.58 ft (21.82 m) below TOC pH: 7.5
Water elevation: 212.42 ft (64.75 m) msl Alkalinity: 26 meq/L
Sp. conductance: 89 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.1	pH	MT
0	Specific conductance	83	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	16	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	6,900	µg/L	MT
0	Chloride	1,220	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	5.5	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	342	µg/L	MT
1	Manganese	32	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	1,180	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	731	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,270	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	1,420	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Total dissolved solids	81,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	549	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	5.3±3.1	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.7±0.60	pCi/L	MT
0	Tritium	6.1±0.70	pCi/mL	MT

WELL YSC 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 Time: 9:50
Depth to water: 66.67 ft (20.32 m) below TOC pH: 4.9
Water elevation: 222.93 ft (67.95 m) msl Alkalinity: 9 meq/L
Sp. conductance: 46 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 16 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
0	Specific conductance	42	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	18	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
0	Calcium	4,120	µg/L	MT
0	Chloride	1,610	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	28	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	626	µg/L	MT
1	Manganese	30	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	1,270	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,270	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,270	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Total dissolved solids	16,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	156	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	5.5±3.6	pCi/L	MT
0	Total radium	1.3±0.40	pCi/L	MT

WELL YSC 4C collected on 09/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tritium	9.9±1.0	pCi/mL	MT

WELL YSC 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/90 Time: 10:30
Depth to water: 99.71 ft (30.39 m) below TOC pH: 6.7
Water elevation: 175.19 ft (53.40 m) msl Alkalinity: 87 meq/L
Sp. conductance: 223 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 157 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.4	pH	MT
1	Specific conductance	219	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	36	µg/L	MT
0	Cadmium	<1.5	µg/L	MT
1	Calcium	33,400	µg/L	MT
0	Chloride	2,160	µg/L	MT
0	Chromium	<2.5	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	14	µg/L	MT
0	Lead	<3.0	µg/L	MT
0	Magnesium	670	µg/L	MT
0	Magnesium	633	µg/L	MT
1	Manganese	26	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,860	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	24,600	µg/L	MT
0	Silver	<2.5	µg/L	MT
0	Sodium	2,860	µg/L	MT
1	Sulfate	12,200	µg/L	MT
0	Total dissolved solids	159,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	402	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.2±0.40	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL Z 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 9:00
Depth to water: 67.50 ft (20.57 m) below TOC pH: 7.7
Water elevation: 212.00 ft (64.62 m) msl
Sp. conductance: 39 µS/cm Water temperature: 21.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,540	µg/L	MT
0	Sodium	2,150	µg/L	MT
0	Gross alpha	3.5±1.3	pCi/L	EM
0	Nonvolatile beta	2.3±1.1	pCi/L	EM
0	Tritium	9.1±0.97	pCi/mL	EM

ANALYTICAL RESULTS

WELL ZBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90
Depth to water: 58.85 ft (17.94 m) below TOC
Water elevation: 232.25 ft (70.79 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 34 gal

Time: 10:15
pH: 4.7
Alkalinity: 1 meq/L
Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Manganese	6.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,600	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Tetrachloroethylene	6.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
1	Total radium	2.6±2.4	pCi/L	GE
1	Tritium	14±0.40	pCi/mL	GE

WELL ZBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90
Depth to water: 59.60 ft (18.17 m) below TOC
Water elevation: 218.40 ft (66.57 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 21 gal

Time: 9:35
pH: 4.8
Alkalinity: 1 meq/L
Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	4.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	880	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Tetrachloroethylene	12	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
1	Tritium	13±0.40	pCi/mL	GE

WELL ZBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90
Depth to water: 58.85 ft (17.94 m) below TOC
Water elevation: 232.25 ft (70.79 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 34 gal

Time: 10:15
pH: 4.7
Alkalinity: 1 meq/L
Water temperature: 20.0°C

WELL ZBG 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90
The well was dry.

Time: 10:30

WELL ZDT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90
Depth to water: 25.69 ft (7.83 m) below TOC
Water elevation: 239.41 ft (72.97 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 47 gal

Time: 14:05
pH: 4.3
Alkalinity: 0 meq/L
Water temperature: 23.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
1	Trichloroethylene	1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Tritium	28±0.60	pCi/mL	GE

WELL ZDT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90 Time: 14:15
Depth to water: 24.25 ft (7.39 m) below TOC pH: 4.5
Water elevation: 240.75 ft (73.38 m) msl Alkalinity: 0 meq/L
Sp. conductance: 44 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
2	Trichloroethylene	1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Tritium	26±0.60	pCi/mL	GE

WELL ZW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/90 Time: 9:30
Depth to water: 54.80 ft (16.70 m) below TOC pH: 7.1
Water elevation: 245.60 ft (74.86 m) msl
Sp. conductance: 182 µS/cm Water temperature: 22.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Gross alpha	8.6±2.4	pCi/L	EM
1	Nonvolatile beta	11±2.4	pCi/L	EM
2	Tritium	86±2.2	pCi/mL	EM

WELL 241 H

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/90 Time: Not available
Inaccessibility or pump failure prevented sample collection.

NOTES

FIRST QUARTER RESULTS

This section presents field and analytical results for samples collected during first quarter 1990. The results included in these tables were submitted by Teledyne to EPD/EMS after the first quarter 1990 report was published.

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/90 Time: 12:45
Depth to water: 21.89 ft (6.67 m) below TOC pH: 4.3
Water elevation: 226.71 ft (68.80 m) msl Alkalinity: 0 meq/L
Sp. conductance: 337 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	0.71 ± 0.37	pCi/L	TE
0	Americium-243	< 0.10	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
1	Carbon-14	43 ± 4.0	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-144	< 20	pCi/L	TE
0	Cesium-134	< 2.0	pCi/L	TE
0	Cesium-137	< 3.0	pCi/L	TE
0	Cobalt-58	< 3.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Curium-242	< 0.10	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
1	Curium-246	0.47 ± 0.31	pCi/L	TE
2	Gross alpha	15 ± 3.0	pCi/L	TE
1	Iodine-129	41 ± 3.0	pCi/L	TE
0	Iodine-131	< 70	pCi/L	TE
0	Iron-55	< 60	pCi/L	TE
0	Iron-59	< 8.0	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Nickel-59	< 90	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
2	Nonvolatile beta	420 ± 10	pCi/L	TE
0	Plutonium-238	< 0.40	pCi/L	TE
0	Plutonium-239/240	< 0.20	pCi/L	TE
0	Plutonium-242	< 0.30	pCi/L	TE
0	Potassium-40	< 40	pCi/L	TE
0	Radium-226	< 60	pCi/L	TE
1	Radium-228	8.2 ± 1.0	pCi/L	TE
0	Radium-228	< 5.0	pCi/L	TE
0	Ruthenium-103	< 5.0	pCi/L	TE
0	Ruthenium-106	< 20	pCi/L	TE
0	Strontium-89	< 20	pCi/L	TE
1	Strontium-90	160 ± 10	pCi/L	TE
1	Technetium-99	46 ± 8.0	pCi/L	TE
0	Thorium-228	< 5.0	pCi/L	TE
0	Thorium-228	< 0.060	pCi/L	TE
1	Thorium-230	0.10 ± 0.010	pCi/L	TE
1	Thorium-232	0.50 ± 0.16	pCi/L	TE
2	Tritium	7,700 ± 100	pCi/mL	TE
1	Uranium-234	3.6 ± 1.7	pCi/L	TE
1	Uranium-235	0.82 ± 0.88	pCi/L	TE
1	Uranium-238	2.7 ± 1.6	pCi/L	TE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 3.0	pCi/L	TE

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/90 Time: 14:20
Depth to water: 23.83 ft (7.29 m) below TOC pH: 4.3
Water elevation: 226.67 ft (68.75 m) msl Alkalinity: 0 meq/L
Sp. conductance: 612 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 62 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	0.33 ± 0.20	pCi/L	TE
1	Americium-243	0.37 ± 0.20	pCi/L	TE
0	Barium-140	< 30	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
1	Carbon-14	38 ± 4.0	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-144	< 30	pCi/L	TE
0	Cesium-134	< 4.0	pCi/L	TE
0	Cesium-137	< 4.0	pCi/L	TE
0	Cobalt-58	< 5.0	pCi/L	TE
2	Cobalt-60	73 ± 7.3	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.40	pCi/L	TE
0	Curium-246	< 0.10	pCi/L	TE
2	Gross alpha	34 ± 6.0	pCi/L	TE
1	Iodine-129	14 ± 2.0	pCi/L	TE
0	Iodine-131	< 90	pCi/L	TE
1	Iron-55	14,000 ± 1000	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 4.0	pCi/L	TE
0	Nickel-59	< 80	pCi/L	TE
1	Nickel-63	100 ± 10	pCi/L	TE
2	Nonvolatile beta	600 ± 10	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.060	pCi/L	TE
0	Plutonium-242	< 0.060	pCi/L	TE
0	Potassium-40	< 50	pCi/L	TE
0	Radium-226	< 70	pCi/L	TE
1	Radium-228	31 ± 3.0	pCi/L	TE
1	Radium-228	46 ± 8.0	pCi/L	TE
0	Ruthenium-103	< 6.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Strontium-89	< 80	pCi/L	TE
1	Strontium-90	2,700 ± 100	pCi/L	TE
1	Technetium-99	79 ± 9.0	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
1	Thorium-228	120 ± 10	pCi/L	TE
1	Thorium-230	220 ± 10	pCi/L	TE
1	Thorium-232	5.8 ± 1.9	pCi/L	TE
2	Tritium	12,000 ± 1000	pCi/mL	TE
1	Uranium-234	2.1 ± 0.90	pCi/L	TE
0	Uranium-235	< 1.0	pCi/L	TE
0	Uranium-238	< 0.80	pCi/L	TE
0	Zinc-65	< 9.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE

FIRST QUARTER RESULTS

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/90 — Time: 15:15
Depth to water: 15.45 ft (4.71 m) below TOC — pH: 4.4
Water elevation: 222.65 ft (67.86 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 243 µS/cm — Water temperature: 16.9°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	0.88 ± 0.28	pCi/L	TE
1	Americium-243	0.21 ± 0.14	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
1	Carbon-14	40 ± 5.0	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-144	< 20	pCi/L	TE
0	Cesium-134	< 3.0	pCi/L	TE
0	Cesium-137	< 3.0	pCi/L	TE
0	Cobalt-58	< 3.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.50	pCi/L	TE
1	Curium-246	0.29 ± 0.17	pCi/L	TE
0	Gross alpha	4.1 ± 1.8	pCi/L	TE
1	Iodine-129	12 ± 2.0	pCi/L	TE
0	Iodine-131	< 80	pCi/L	TE
0	Iron-55	< 50	pCi/L	TE
0	Iron-59	< 9.0	pCi/L	TE
0	Manganese-54	< 3.0	pCi/l	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
2	Nonvolatile beta	420 ± 10	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.090	pCi/L	TE
0	Plutonium-242	< 0.060	pCi/L	TE
0	Potassium-40	< 40	pCi/L	TE
0	Radium-226	< 60	pCi/L	TE
1	Radium-226	1.4 ± 0.60	pCi/L	TE
1	Radium-228	2.4 ± 1.3	pCi/L	TE
0	Ruthenium-103	< 5.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Strontium-89	< 20	pCi/L	TE
1	Strontium-90	170 ± 10	pCi/L	TE
1	Technetium-99	34 ± 5.0	pCi/L	TE
0	Thorium-228	< 5.0	pCi/L	TE
1	Thorium-228	34 ± 4.0	pCi/L	TE
1	Thorium-230	81 ± 6.0	pCi/L	TE
1	Thorium-232	1.8 ± 0.80	pCi/L	TE
2	Tritium	5,000 ± 100	pCi/mL	TE
1	Uranium-234	2.2 ± 1.5	pCi/L	TE
0	Uranium-235	< 1.0	pCi/L	TE
0	Uranium-238	< 2.0	pCi/L	TE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 4.0	pCi/L	TE

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/90 — Time: 13:05
Depth to water: 10.36 ft (3.16 m) below TOC — pH: 5.0
Water elevation: 223.44 ft (68.11 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 32 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.20	pCi/L	TE
1	Americium-243	0.22 ± 0.16	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
1	Carbon-14	12 ± 5.0	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-144	< 30	pCi/L	TE
0	Cesium-134	< 3.0	pCi/L	TE
0	Cesium-137	< 3.0	pCi/L	TE
0	Cobalt-58	< 3.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
1	Curium-242	0.22 ± 0.080	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
1	Curium-246	0.27 ± 0.17	pCi/L	TE
0	Gross alpha	< 1.0	pCi/L	TE
0	Iodine-129	< 2.0	pCi/L	TE
0	Iodine-131	< 60	pCi/L	TE

WELL HSB139D collected on 01/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron-55	< 50	pCi/L	TE
0	Iron-59	< 8.0	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Nickel-59	< 90	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	3.5 ± 1.2	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.080	pCi/L	TE
0	Plutonium-242	< 0.070	pCi/L	TE
0	Potassium-40	< 50	pCi/L	TE
0	Radium-226	< 70	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-228	< 0.80	pCi/L	TE
0	Ruthenium-103	< 6.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
1	Strontium-90	1.6 ± 0.70	pCi/L	TE
0	Technetium-99	< 10	pCi/L	TE
0	Thorium-228	< 6.0	pCi/L	TE
0	Thorium-228	< 0.20	pCi/L	TE
0	Thorium-230	< 0.070	pCi/L	TE
1	Thorium-232	0.44 ± 0.13	pCi/L	TE
2	Tritium	65 ± 2.0	pCi/mL	TE
1	Uranium-234	6.2 ± 2.9	pCi/L	TE
0	Uranium-235	< 1.0	pCi/L	TE
0	Uranium-238	< 2.0	pCi/L	TE
0	Zinc-65	< 6.0	pCi/L	TE
0	Zirconium-95	< 4.0	pCi/L	TE

SECOND QUARTER RESULTS

This section presents field and analytical results for samples collected during second quarter 1990. The results included in these tables were submitted by Teledyne to EPD/EMS after the second quarter 1990 report was published.

SECOND QUARTER RESULTS

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90 — Time: 11:50
Depth to water: Not available — pH: 6.2
Water elevation: Not available — Alkalinity: 4 meq/L
Sp. conductance: 71 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.40	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<3.0	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
0	Cerium-141	<8.0	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<4.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
1	Curium-242	0.31 ± 0.28	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Iodine-131	<3.0	pCi/L	TE
0	Iron-59	<7.0	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	1.1 ± 0.70	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<4.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Uranium-234	<0.70	pCi/L	TE
0	Uranium-235	<0.40	pCi/L	TE
0	Uranium-238	<0.40	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90 — Time: 12:45
Depth to water: 112.81 ft (34.38 m) below TOC — pH: 6.6
Water elevation: 236.19 ft (71.99 m) msl — Alkalinity: 13 meq/L
Sp. conductance: 86 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.60	pCi/L	TE
0	Americium-243	<0.30	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<30	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
1	Curium-246	0.72 ± 0.50	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<7.0	pCi/L	TE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.70	pCi/L	TE
0	Plutonium-242	<0.30	pCi/L	TE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<70	pCi/L	TE
1	Radium-226	1.9 ± 0.60	pCi/L	TE
1	Radium-228	1.7 ± 0.60	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE

WELL ASB 2A collected on 05/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<2.0	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
0	Uranium-234	<0.60	pCi/L	TE
0	Uranium-235	<0.40	pCi/L	TE
0	Uranium-238	<0.40	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90 — Time: 13:40
Depth to water: 108.57 ft (33.09 m) below TOC — pH: 6.8
Water elevation: 236.43 ft (72.06 m) msl — Alkalinity: 16 meq/L
Sp. conductance: 79 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.40	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<70	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<30	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Iodine-131	<600	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<8.0	pCi/L	TE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.40	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<60	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
1	Radium-226	1.4 ± 0.60	pCi/L	TE
1	Radium-228	2.5 ± 1.4	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<3.0	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Uranium-234	<0.70	pCi/L	TE
0	Uranium-235	<0.30	pCi/L	TE
0	Uranium-238	<0.40	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90 — Time: 16:35
Depth to water: 109.85 ft (33.42 m) below TOC — pH: 6.2
Water elevation: 235.36 ft (71.74 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 43 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.40	pCi/L	TE
0	Americium-243	<0.30	pCi/L	TE
0	Barium-140	<100	pCi/L	TE
0	Beryllium-7	<90	pCi/L	TE
0	Cerium-141	<30	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
1	Curium-246	0.72 ± 0.56	pCi/L	TE

WELL ASB 6A collected on 05/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iodine-131	< 700	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.40	pCi/L	TE
0	Plutonium-239/240	< 0.60	pCi/L	TE
0	Plutonium-242	< 0.40	pCi/L	TE
0	Potassium-40	< 90	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
1	Radium-226	1.1 ± 0.50	pCi/L	TE
1	Radium-228	3.2 ± 1.3	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Uranium-234	< 0.20	pCi/L	TE
0	Uranium-235	< 0.10	pCi/L	TE
0	Uranium-238	< 0.20	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90 — Time: 15:40
Depth to water: 115.43 ft (35.18 m) below TOC — pH: 5.0
Water elevation: 234.77 ft (71.58 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 81 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.60	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 90	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 9.0	pCi/L	TE
0	Cobalt-60	< 6.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
1	Curium-246	1.0 ± 0.60	pCi/L	TE
0	Iodine-131	< 700	pCi/L	TE
0	Iron-59	< 30	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.40	pCi/L	TE
0	Plutonium-242	< 0.20	pCi/L	TE
0	Potassium-40	< 200	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
1	Radium-226	2.4 ± 0.60	pCi/L	TE
1	Radium-228	4.0 ± 1.6	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Uranium-234	< 0.40	pCi/L	TE
0	Uranium-235	< 0.30	pCi/L	TE
0	Uranium-238	< 0.60	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90 — Time: 14:15
Depth to water: 116.86 ft (35.62 m) below TOC — pH: 4.6
Water elevation: 232.14 ft (70.76 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 31 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.50	pCi/L	TE
0	Americium-243	< 0.30	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
0	Curium-246	< 0.30	pCi/L	TE
0	Iodine-131	< 700	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.090	pCi/L	TE
0	Plutonium-239/240	< 0.20	pCi/L	TE
0	Plutonium-242	< 0.070	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
1	Radium-228	2.1 ± 0.80	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Strontium-89	< 8.0	pCi/L	TE
1	Strontium-90	14 ± 2.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Uranium-234	< 0.60	pCi/L	TE
0	Uranium-235	< 0.30	pCi/L	TE
0	Uranium-238	< 0.40	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90 — Time: 11:55
Depth to water: 131.91 ft (40.21 m) below TOC — pH: 5.3
Water elevation: 217.39 ft (66.26 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 23 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 380 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.40	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-137	< 5.0	pCi/L	TE
0	Cobalt-58	< 7.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 700	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 4.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.070	pCi/L	TE
0	Plutonium-239/240	< 0.10	pCi/L	TE
0	Plutonium-242	< 0.060	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-228	< 2.0	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE

SECOND QUARTER RESULTS

WELL ASB 8A collected on 06/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Strontium-89	< 10	pCi/L	TE
1	Strontium-90	23 ± 3.0	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE
0	Uranium-234	< 1.0	pCi/L	TE
0	Uranium-235	< 0.60	pCi/L	TE
0	Uranium-238	< 0.60	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 7.0	pCi/L	TE

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90 — Time: 13:10
Depth to water: 131.12 ft (39.97 m) below TOC — pH: 6.2
Water elevation: 218.68 ft (66.65 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 30 µS/cm — Water temperature: 19.7 °C
Water evacuated before sampling: 270 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.60	pCi/L	TE
0	Americium-243	< 0.60	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-137	< 5.0	pCi/L	TE
0	Cobalt-58	< 7.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Curium-242	< 0.60	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
0	Curium-246	< 0.40	pCi/L	TE
0	Iodine-131	< 600	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 5.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.30	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 90	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
1	Radium-228	1.6 ± 1.1	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 50	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE
0	Uranium-234	< 0.70	pCi/L	TE
0	Uranium-235	< 0.30	pCi/L	TE
0	Uranium-238	< 0.40	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90 — Time: 13:10
Depth to water: 131.12 ft (39.97 m) below TOC — pH: 6.2
Water elevation: 177.88 ft (54.22 m) msl — Alkalinity: 1 meq/L
Sp. conductance: 30 µS/cm — Water temperature: 19.7 °C
Water evacuated before sampling: 270 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.60	pCi/L	TE
0	Americium-243	< 0.10	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 90	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 50	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
0	Cobalt-60	< 6.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE

WELL ASB 8B collected on 06/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iodine-131	< 800	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.20	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
1	Radium-228	1.0 ± 0.60	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 50	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
1	Strontium-90	3.5 ± 1.3	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Uranium-234	< 0.40	pCi/L	TE
0	Uranium-235	< 0.30	pCi/L	TE
0	Uranium-238	< 0.60	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 9.0	pCi/L	TE

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90 — Time: 14:00
Depth to water: 127.72 ft (38.93 m) below TOC — pH: 4.8
Water elevation: 221.98 ft (67.66 m) msl — Alkalinity: 0 meq/L
Sp. conductance: 44 µS/cm — Water temperature: 19.4 °C
Water evacuated before sampling: 123 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.10	pCi/L	TE
1	Americium-243	0.38 ± 0.23	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 100	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 9.0	pCi/L	TE
0	Cobalt-60	< 6.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
1	Curium-243/244	0.30 ± 0.12	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 800	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.40	pCi/L	TE
0	Plutonium-239/240	< 0.70	pCi/L	TE
0	Plutonium-242	< 0.40	pCi/L	TE
0	Potassium-40	< 200	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
1	Radium-228	1.8 ± 1.4	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 50	pCi/L	TE
1	Strontium-89	8.6 ± 3.6	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Uranium-234	< 2.0	pCi/L	TE
0	Uranium-235	< 0.80	pCi/L	TE
0	Uranium-238	< 2.0	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 15:00
Depth to water: 70.69 ft (21.55 m) below TOC pH: 6.1
Water elevation: 238.31 ft (72.64 m) msl Alkalinity: 0 meq/L
Sp. conductance: 41 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.60	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<100	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<30	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
1	Curium-246	0.66 ± 0.31	pCi/L	TE
0	Iodine-131	<600	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.070	pCi/L	TE
0	Plutonium-239/240	<0.090	pCi/L	TE
0	Plutonium-242	<0.060	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	1.0 ± 0.70	pCi/L	TE
1	Radium-228	9.9 ± 2.5	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<0.80	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Uranium-234	<0.60	pCi/L	TE
0	Uranium-235	<0.30	pCi/L	TE
0	Uranium-238	<0.40	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL BG 91

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/90 Time: 10:45
Depth to water: 57.75 ft (17.60 m) below TOC pH: 6.1
Water elevation: 216.65 ft (66.73 m) msl Alkalinity: 1 meq/L
Sp. conductance: 46 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<300	pCi/L	TE
0	Barium-140	<300	pCi/L	TE
0	Beryllium-7	<200	pCi/L	TE
0	Beryllium-7	<100	pCi/L	TE
0	Cerium-141	<50	pCi/L	TE
0	Cerium-141	<50	pCi/L	TE
0	Cerium-144	<60	pCi/L	TE
0	Cerium-144	<70	pCi/L	TE
0	Cesium-134	<8.0	pCi/L	TE
0	Cesium-134	<7.0	pCi/L	TE
0	Cesium-137	16 ± 8.0	pCi/L	TE
0	Cesium-137	<7.0	pCi/L	TE
0	Cobalt-58	<10	pCi/L	TE
0	Cobalt-58	<10	pCi/L	TE
0	Cobalt-60	<9.0	pCi/L	TE
0	Cobalt-60	<7.0	pCi/L	TE
0	Iodine-131	<2,000	pCi/L	TE
0	Iodine-131	<2,000	pCi/L	TE
0	Iron-59	<40	pCi/L	TE
0	Iron-59	<40	pCi/L	TE
0	Manganese-54	<8.0	pCi/L	TE
0	Manganese-54	<8.0	pCi/L	TE
0	Neptunium-237	<20	pCi/L	TE
0	Neptunium-237	<20	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE

WELL BG 91 collected on 06/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Radium-226	<200	pCi/L	TE
0	Radium-226	<200	pCi/L	TE
0	Ruthenium-103	<20	pCi/L	TE
0	Ruthenium-103	<20	pCi/L	TE
0	Ruthenium-106	<70	pCi/L	TE
0	Ruthenium-106	<70	pCi/L	TE
0	Thorium-228	<20	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Zinc-65	<20	pCi/L	TE
0	Zinc-65	<20	pCi/L	TE
0	Zirconium-95	<10	pCi/L	TE
0	Zirconium-95	<10	pCi/L	TE

WELL BG 93

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/90 Time: 12:55
Depth to water: 59.54 ft (18.15 m) below TOC pH: 6.8
Water elevation: 188.86 ft (60.64 m) msl Alkalinity: 12 meq/L
Sp. conductance: 78 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<400	pCi/L	TE
0	Beryllium-7	<200	pCi/L	TE
0	Cerium-141	<60	pCi/L	TE
0	Cerium-144	<70	pCi/L	TE
0	Cesium-134	<10	pCi/L	TE
0	Cesium-137	<10	pCi/L	TE
0	Cobalt-58	<20	pCi/L	TE
0	Cobalt-60	<10	pCi/L	TE
0	Iodine-131	<3,000	pCi/L	TE
0	Iron-59	<60	pCi/L	TE
0	Manganese-54	<10	pCi/L	TE
0	Neptunium-237	<20	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<200	pCi/L	TE
0	Ruthenium-103	<30	pCi/L	TE
0	Ruthenium-106	<100	pCi/L	TE
0	Thorium-228	<20	pCi/L	TE
0	Zinc-65	<20	pCi/L	TE
0	Zirconium-95	<20	pCi/L	TE

WELL BG 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90 Time: 9:25
Depth to water: 61.39 ft (18.71 m) below TOC pH: 5.8
Water elevation: 189.41 ft (57.73 m) msl Alkalinity: 8 meq/L
Sp. conductance: 93 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<200	pCi/L	TE
0	Beryllium-7	<90	pCi/L	TE
0	Cerium-141	<30	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
0	Iodine-131	<1,000	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<6.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
1	Potassium-40	224 ± 60	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Ruthenium-103	<20	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<9.0	pCi/L	TE

SECOND QUARTER RESULTS

WELL BG 96

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/90 Time: 14:10
Depth to water: 48.50 ft (14.78 m) below TOC pH: 6.7
Water elevation: 198.70 ft (59.95 m) msl Alkalinity: 6 meq/L
Sp. conductance: 34 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 300	pCi/L	TE
0	Beryllium-7	< 200	pCi/L	TE
0	Cerium-141	< 60	pCi/L	TE
0	Cerium-144	< 80	pCi/L	TE
0	Cesium-134	< 9.0	pCi/L	TE
0	Cesium-137	< 9.0	pCi/L	TE
0	Cobalt-58	< 10	pCi/L	TE
0	Cobalt-60	< 9.0	pCi/L	TE
0	Iodine-131	< 3,000	pCi/L	TE
0	Iron-59	< 40	pCi/L	TE
0	Manganese-54	< 9.0	pCi/L	TE
0	Neptunium-237	< 20	pCi/L	TE
0	Potassium-40	< 200	pCi/L	TE
0	Radium-226	< 200	pCi/L	TE
0	Ruthenium-103	< 30	pCi/L	TE
0	Ruthenium-106	< 80	pCi/L	TE
0	Thorium-228	< 20	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zirconium-95	< 20	pCi/L	TE

WELL BG 101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/90 Time: 14:55
Depth to water: 37.30 ft (11.37 m) below TOC pH: 6.1
Water elevation: 194.10 ft (59.16 m) msl Alkalinity: 1 meq/L
Sp. conductance: 21 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 200	pCi/L	TE
0	Beryllium-7	< 100	pCi/L	TE
0	Cerium-141	< 40	pCi/L	TE
0	Cerium-144	< 60	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 7.0	pCi/L	TE
0	Cobalt-58	< 10	pCi/L	TE
0	Cobalt-60	< 7.0	pCi/L	TE
0	Iodine-131	< 2,000	pCi/L	TE
0	Iron-59	< 30	pCi/L	TE
0	Manganese-54	< 7.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL BG 103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90 Time: 8:40
Depth to water: 41.22 ft (12.56 m) below TOC pH: 6.2
Water elevation: 198.28 ft (60.44 m) msl Alkalinity: 1 meq/L
Sp. conductance: 26 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 200	pCi/L	TE
0	Beryllium-7	< 100	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 60	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE

WELL BG 103 collected on 06/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 9.0	pCi/L	TE
0	Cobalt-60	< 6.0	pCi/L	TE
0	Iodine-131	< 1,000	pCi/L	TE
0	Iron-59	< 30	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Potassium-40	< 200	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL BG 104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/90 Time: 16:20
Depth to water: Not available pH: 6.8
Water elevation: Not available Alkalinity: 31 meq/L
Sp. conductance: 91 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 300	pCi/L	TE
0	Beryllium-7	< 200	pCi/L	TE
0	Cerium-141	< 60	pCi/L	TE
0	Cerium-144	< 80	pCi/L	TE
0	Cesium-134	< 10	pCi/L	TE
0	Cesium-137	14 ± 7.4	pCi/L	TE
0	Cobalt-58	< 20	pCi/L	TE
0	Cobalt-60	< 9.0	pCi/L	TE
0	Iodine-131	< 3,000	pCi/L	TE
0	Iron-59	< 50	pCi/L	TE
0	Manganese-54	< 10	pCi/L	TE
0	Neptunium-237	< 20	pCi/L	TE
0	Potassium-40	< 300	pCi/L	TE
0	Radium-226	< 200	pCi/L	TE
0	Ruthenium-103	< 30	pCi/L	TE
0	Ruthenium-106	< 90	pCi/L	TE
0	Thorium-228	< 20	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zirconium-95	< 20	pCi/L	TE

WELL BG 108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/90 Time: 16:15
Depth to water: 30.78 ft (9.38 m) below TOC pH: 6.1
Water elevation: 236.52 ft (72.09 m) msl Alkalinity: 6 meq/L
Sp. conductance: 44 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 300	pCi/L	TE
0	Beryllium-7	< 200	pCi/L	TE
0	Cerium-141	< 60	pCi/L	TE
0	Cerium-144	< 70	pCi/L	TE
0	Cesium-134	< 8.0	pCi/L	TE
0	Cesium-137	< 8.0	pCi/L	TE
0	Cobalt-58	< 10	pCi/L	TE
0	Cobalt-60	< 8.0	pCi/L	TE
0	Iodine-131	< 2,000	pCi/L	TE
0	Iron-59	< 40	pCi/L	TE
0	Manganese-54	< 8.0	pCi/L	TE
0	Neptunium-237	< 20	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 200	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 80	pCi/L	TE
0	Thorium-228	< 20	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL BG 109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90 Time: 11:10
Depth to water: 48.72 ft (14.85 m) below TOC pH: 5.1
Water elevation: 237.68 ft (72.45 m) msl Alkalinity: 0 meq/L
Sp. conductance: 40 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 300	pCi/L	TE
0	Beryllium-7	< 100	pCi/L	TE
0	Cerium-141	< 40	pCi/L	TE
0	Cerium-144	< 60	pCi/L	TE
0	Cesium-134	< 7.0	pCi/L	TE
0	Cesium-137	< 7.0	pCi/L	TE
0	Cobalt-58	< 10	pCi/L	TE
0	Cobalt-60	< 7.0	pCi/L	TE
0	Iodine-131	< 2,000	pCi/L	TE
0	Iron-59	< 30	pCi/L	TE
0	Manganese-54	< 7.0	pCi/L	TE
0	Neptunium-237	< 20	pCi/L	TE
1	Potassium-40	100 ± 60	pCi/L	TE
0	Radium-226	< 200	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL BG 110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90 Time: 10:35
Depth to water: 55.71 ft (16.98 m) below TOC pH: 4.8
Water elevation: 238.69 ft (72.72 m) msl Alkalinity: 0 meq/L
Sp. conductance: 69 µS/cm Water temperature: 18.5°C
Water evacuated before sampling: 33 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 300	pCi/L	TE
0	Beryllium-7	< 200	pCi/L	TE
0	Cerium-141	< 70	pCi/L	TE
0	Cerium-144	< 100	pCi/L	TE
0	Cesium-134	< 9.0	pCi/L	TE
0	Cesium-137	< 9.0	pCi/L	TE
0	Cobalt-58	< 10	pCi/L	TE
0	Cobalt-60	< 8.0	pCi/L	TE
0	Iodine-131	< 3,000	pCi/L	TE
0	Iron-59	< 30	pCi/L	TE
0	Manganese-54	< 8.0	pCi/L	TE
0	Neptunium-237	< 20	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 200	pCi/L	TE
0	Ruthenium-103	< 30	pCi/L	TE
0	Ruthenium-106	< 80	pCi/L	TE
0	Thorium-228	< 20	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zirconium-95	< 20	pCi/L	TE

WELL BG 121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90 Time: 9:05
Depth to water: 71.63 ft (21.83 m) below TOC pH: 6.5
Water elevation: 206.27 ft (62.87 m) msl Alkalinity: 6 meq/L
Sp. conductance: 29 µS/cm Water temperature: 17.9°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 300	pCi/L	TE
0	Beryllium-7	< 200	pCi/L	TE
0	Cerium-141	< 60	pCi/L	TE
0	Cerium-144	< 70	pCi/L	TE
0	Cesium-134	< 10	pCi/L	TE

WELL BG 121 collected on 05/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cesium-137	< 10	pCi/L	TE
0	Cobalt-58	< 20	pCi/L	TE
0	Cobalt-60	< 10	pCi/L	TE
0	Iodine-131	< 3,000	pCi/L	TE
0	Iron-59	< 50	pCi/L	TE
0	Manganese-54	< 10	pCi/L	TE
0	Neptunium-237	< 20	pCi/L	TE
0	Potassium-40	< 300	pCi/L	TE
0	Radium-226	< 200	pCi/L	TE
0	Ruthenium-103	< 30	pCi/L	TE
0	Ruthenium-106	< 80	pCi/L	TE
0	Thorium-228	< 20	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zirconium-95	< 20	pCi/L	TE

WELL BG 122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/90 Time: 11:45
Depth to water: 39.30 ft (11.98 m) below TOC pH: 5.4
Water elevation: 208.60 ft (63.58 m) msl Alkalinity: 4 meq/L
Sp. conductance: 40 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 67 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 300	pCi/L	TE
0	Beryllium-7	< 100	pCi/L	TE
0	Cerium-141	< 50	pCi/L	TE
0	Cerium-144	< 70	pCi/L	TE
0	Cesium-134	< 7.0	pCi/L	TE
0	Cesium-137	< 8.0	pCi/L	TE
0	Cobalt-58	< 10	pCi/L	TE
0	Cobalt-60	< 8.0	pCi/L	TE
0	Iodine-131	< 3,000	pCi/L	TE
0	Iron-59	< 40	pCi/L	TE
0	Manganese-54	< 8.0	pCi/L	TE
0	Neptunium-237	< 20	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 200	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 70	pCi/L	TE
0	Thorium-228	< 20	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL FAL 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 14:30
Depth to water: 96.35 ft (29.37 m) below TOC pH: 6.6
Water elevation: 216.55 ft (66.01 m) msl Alkalinity: 62 meq/L
Sp. conductance: 158 µS/cm Water temperature: 26.6°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 70	pCi/L	TE
0	Beryllium-7	< 70	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-137	< 5.0	pCi/L	TE
0	Cobalt-58	< 7.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Iodine-131	< 300	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 5.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.10	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE

WELL FAL 1 collected on 06/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Uranium-234	0.14 ± 0.11	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
0	Uranium-238	<0.030	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL FAL 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 14:50
Depth to water: 97.25 ft (29.64 m) below TOC pH: 5.3
Water elevation: 214.85 ft (65.49 m) msl Alkalinity: 4 meq/L
Sp. conductance: 50 µS/cm Water temperature: 25.2°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<90	pCi/L	TE
0	Beryllium-7	<90	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<6.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<6.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.080	pCi/L	TE
0	Plutonium-242	<0.070	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<60	pCi/L	TE
0	Strontium-89	<6.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Uranium-234	0.20 ± 0.12	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
1	Uranium-238	0.12 ± 0.090	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90 Time: 11:05
Depth to water: 87.99 ft (26.82 m) below TOC pH: 6.8
Water elevation: 223.81 ft (68.22 m) msl Alkalinity: 4 meq/L
Sp. conductance: 63 µS/cm Water temperature: 23.9°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Plutonium-238	<1.0	pCi/L	TE
0	Plutonium-239/240	<0.70	pCi/L	TE
0	Plutonium-242	<0.50	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
1	Uranium-234	1.7 ± 1.2	pCi/L	TE
0	Uranium-235	<0.50	pCi/L	TE
1	Uranium-238	2.3 ± 1.4	pCi/L	TE

WELL FCA 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90 Time: 11:55
Depth to water: 88.11 ft (26.86 m) below TOC pH: 6.7
Water elevation: 224.08 ft (68.30 m) msl Alkalinity: 8 meq/L
Sp. conductance: 63 µS/cm Water temperature: 25.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Plutonium-238	<1.0	pCi/L	TE
0	Plutonium-239/240	<0.60	pCi/L	TE
0	Plutonium-242	<0.60	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Uranium-234	<0.50	pCi/L	TE
0	Uranium-235	<0.20	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE

WELL FCA 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90 Time: 12:45
Depth to water: 97.17 ft (29.62 m) below TOC pH: 6.8
Water elevation: 214.43 ft (65.36 m) msl Alkalinity: 138 meq/L
Sp. conductance: 329 µS/cm Water temperature: 26.0°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<40	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Iodine-131	<200	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<8.0	pCi/L	TE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<90	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
1	Strontium-90	8.7 ± 1.3	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Tritium	4.8 ± 0.90	pCi/mL	TE
0	Uranium-234	<0.50	pCi/L	TE
0	Uranium-235	<0.30	pCi/L	TE
0	Uranium-238	<0.30	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL NBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 15:45
Depth to water: 88.48 ft (26.97 m) below TOC pH: 5.0
Water elevation: 223.02 ft (67.98 m) msl Alkalinity: 2 meq/L
Sp. conductance: 77 µS/cm Water temperature: 22.6°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<6.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE

WELL NBG 1 collected on 06/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cobalt-60	< 5.0	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 5.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.040	pCi/L	TE
0	Plutonium-242	< 0.060	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 50	pCi/L	TE
0	Strontium-89	< 7.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
1	Uranium-234	0.40 ± 0.14	pCi/L	TE
0	Uranium-235	< 0.020	pCi/L	TE
1	Uranium-238	0.30 ± 0.12	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL NBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 16:20
Depth to water: 89.21 ft (27.19 m) below TOC pH: 4.8
Water elevation: 223.49 ft (68.12 m) msl Alkalinity: 1 meq/L
Sp. conductance: 727 µS/cm Water temperature: 23.1°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 70	pCi/L	TE
0	Barium-140	< 70	pCi/L	TE
0	Beryllium-7	< 70	pCi/L	TE
0	Beryllium-7	< 70	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-137	< 5.0	pCi/L	TE
0	Cesium-137	< 5.0	pCi/L	TE
0	Cobalt-58	< 6.0	pCi/L	TE
0	Cobalt-58	< 6.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 4.0	pCi/L	TE
0	Manganese-54	< 5.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Plutonium-242	< 0.060	pCi/L	TE
0	Potassium-40	< 90	pCi/L	TE
0	Potassium-40	< 70	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Strontium-89	< 6.0	pCi/L	TE
0	Strontium-89	< 8.0	pCi/L	TE
0	Strontium-90	< 2.0	pCi/L	TE
1	Strontium-90	5.6 ± 1.9	pCi/L	TE
0	Thorium-228	< 9.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Uranium-234	< 0.060	pCi/L	TE
0	Uranium-234	< 0.050	pCi/L	TE
0	Uranium-235	< 0.060	pCi/L	TE
0	Uranium-235	< 0.070	pCi/L	TE
0	Uranium-238	< 0.060	pCi/L	TE
0	Uranium-238	< 0.060	pCi/L	TE
0	Zinc-65	< 9.0	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE

WELL NBG 2 collected on 06/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zirconium-95	< 7.0	pCi/L	TE
0	Zirconium-95	< 7.0	pCi/L	TE

WELL NBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 16:45
Depth to water: 97.36 ft (29.68 m) below TOC pH: 6.2
Water elevation: 215.04 ft (65.54 m) msl Alkalinity: 44 meq/L
Sp. conductance: 128 µS/cm Water temperature: 22.6°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 90	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 50	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 9.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.10	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Potassium-40	< 200	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 50	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
1	Uranium-234	0.10 ± 0.080	pCi/L	TE
0	Uranium-235	< 0.020	pCi/L	TE
1	Uranium-238	0.090 ± 0.067	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL NBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 16:25
Depth to water: 91.97 ft (28.03 m) below TOC pH: 6.2
Water elevation: 214.53 ft (65.39 m) msl Alkalinity: 3 meq/L
Sp. conductance: 36 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	< 80	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-137	< 5.0	pCi/L	TE
0	Cobalt-58	< 7.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 5.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.30	pCi/L	TE
0	Plutonium-239/240	< 0.20	pCi/L	TE
0	Plutonium-242	< 0.20	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 90	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Strontium-89	< 6.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 9.0	pCi/L	TE
1	Uranium-234	6.0 ± 2.4	pCi/L	TE
0	Uranium-235	< 0.50	pCi/L	TE
1	Uranium-238	60 ± 8.0	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE

SECOND QUARTER RESULTS

WELL NBG 4 collected on 06/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zirconium-95	<7.0	pCi/L	TE

WELL NBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 16:05
Depth to water: 88.56 ft (26.99 m) below TOC pH: 5.3
Water elevation: 214.74 ft (65.51 m) msl Alkalinity: 6 meq/L
Sp. conductance: 41 µS/cm Water temperature: 23.3°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<70	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<30	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cobalt-58	<6.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<8.0	pCi/L	TE
0	Plutonium-238	<0.080	pCi/L	TE
0	Plutonium-239/240	<0.040	pCi/L	TE
0	Plutonium-242	<0.040	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
1	Uranium-234	1.6 ± 1.2	pCi/L	TE
0	Uranium-235	<0.40	pCi/L	TE
1	Uranium-238	4.1 ± 1.7	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 15:15
Depth to water: 38.56 ft (11.75 m) below TOC pH: 5.3
Water elevation: 115.94 ft (35.34 m) msl Alkalinity: 4 meq/L
Sp. conductance: 42 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 296 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	0.45 ± 0.29	pCi/L	TE
1	Americium-243	0.32 ± 0.21	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cobalt-58	<6.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
1	Curium-242	0.37 ± 0.34	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Iodine-131	<200	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.060	pCi/L	TE
0	Plutonium-242	<0.060	pCi/L	TE
0	Potassium-40	<90	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<0.70	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<8.0	pCi/L	TE

WELL P 26A collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Strontium-90	<2.0	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
1	Thorium-228	0.84 ± 0.64	pCi/L	TE
0	Thorium-230	<0.20	pCi/L	TE
0	Thorium-232	<0.20	pCi/L	TE
1	Uranium-234	0.40 ± 0.20	pCi/L	TE
0	Uranium-235	<0.020	pCi/L	TE
1	Uranium-238	0.16 ± 0.12	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 16:20
Depth to water: 48.14 ft (14.67 m) below TOC pH: 6.4
Water elevation: 106.36 ft (32.42 m) msl Alkalinity: 24 meq/L
Sp. conductance: 86 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 83 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<6.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Iodine-131	<200	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<8.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.080	pCi/L	TE
0	Plutonium-239/240	<0.070	pCi/L	TE
0	Plutonium-242	<0.070	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
1	Radium-228	0.82 ± 0.47	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<8.0	pCi/L	TE
0	Strontium-90	<2.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	0.48 ± 0.46	pCi/L	TE
0	Thorium-230	<0.10	pCi/L	TE
0	Thorium-232	<0.10	pCi/L	TE
0	Uranium-234	<2.0	pCi/L	TE
0	Uranium-235	<0.60	pCi/L	TE
0	Uranium-238	<0.60	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<9.0	pCi/L	TE

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 16:45
Depth to water: 41.30 ft (12.59 m) below TOC pH: 5.9
Water elevation: 113.20 ft (34.50 m) msl Alkalinity: 8 meq/L
Sp. conductance: 41 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.30	pCi/L	TE
0	Americium-243	<0.40	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<6.0	pCi/L	TE

WELL P 26D collected on 06/19/90, labo atory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.070	pCi/L	TE
0	Plutonium-239/240	<0.040	pCi/L	TE
0	Plutonium-242	<0.040	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<90	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<0.70	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<60	pCi/L	TE
0	Strontium-89	<7.0	pCi/L	TE
0	Strontium-90	<2.0	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
1	Thorium-228	0.52 ± 0.46	pCi/L	TE
0	Thorium-230	<0.030	pCi/L	TE
0	Thorium-232	<0.080	pCi/L	TE
1	Uranium-234	0.28 ± 0.19	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 11:25
Depth to water: 52.27 ft (15.93 m) below TOC pH: 5.4
Water elevation: 98.93 ft (30.15 m) msl Alkalinity: 3 meq/L
Sp. conductance: 87 µS/cm Water temperature: 23.8°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<70	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.50	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.090	pCi/L	TE
0	Plutonium-242	<0.090	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	3.1 ± 0.60	pCi/L	TE
0	Radium-228	<3.0	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<60	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
1	Thorium-228	4.1 ± 0.60	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-230	6.1 ± 0.70	pCi/L	TE
1	Thorium-232	0.22 ± 0.13	pCi/L	TE
1	Uranium-234	5.5 ± 0.90	pCi/L	TE
1	Uranium-235	0.52 ± 0.28	pCi/L	TE
1	Uranium-238	0.67 ± 0.32	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 9:35
Depth to water: 48.74 ft (15.16 m) below TOC pH: 4.2
Water elevation: 101.46 ft (30.93 m) msl Alkalinity: 0 meq/L
Sp. conductance: 239 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	0.42 ± 0.22	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<70	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<50	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<6.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
1	Curium-246	0.41 ± 0.26	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
1	Plutonium-238	0.63 ± 0.40	pCi/L	TE
0	Plutonium-239/240	<0.060	pCi/L	TE
0	Plutonium-242	<0.060	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	12 ± 1.0	pCi/L	TE
1	Radium-228	11 ± 3.0	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<7.0	pCi/L	TE
1	Strontium-90	12 ± 2.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<0.060	pCi/L	TE
0	Thorium-230	<0.040	pCi/L	TE
0	Thorium-232	<0.030	pCi/L	TE
1	Uranium-234	0.053 ± 0.016	pCi/L	TE
0	Uranium-235	<0.020	pCi/L	TE
1	Uranium-238	0.40 ± 0.14	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 10:25
Depth to water: 50.56 ft (15.41 m) below TOC pH: 3.8
Water elevation: 100.74 ft (30.71 m) msl Alkalinity: 0 meq/L
Sp. conductance: 453 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	0.43 ± 0.28	pCi/L	TE
1	Americium-243	0.27 ± 0.22	pCi/L	TE
0	Barium-140	<200	pCi/L	TE
0	Beryllium-7	<200	pCi/L	TE
0	Cerium-141	<40	pCi/L	TE
0	Cerium-144	<80	pCi/L	TE
0	Cesium-134	<10	pCi/L	TE
0	Cesium-137	<10	pCi/L	TE
0	Cobalt-58	<20	pCi/L	TE
0	Cobalt-60	<10	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Iodine-131	<700	pCi/L	TE
0	Iron-59	<60	pCi/L	TE
0	Manganese-54	<10	pCi/L	TE
0	Neptunium-237	<30	pCi/L	TE
1	Plutonium-238	3.7 ± 0.70	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<400	pCi/L	TE
0	Radium-226	<200	pCi/L	TE
1	Radium-226	26 ± 3.0	pCi/L	TE

WELL TBG 4 collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Radium-228	20 ± 10	pCi/L	TE
0	Ruthenium-103	< 30	pCi/L	TE
0	Ruthenium-106	< 100	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 20	pCi/L	TE
0	Thorium-228	< 0.080	pCi/L	TE
0	Thorium-230	< 0.060	pCi/L	TE
0	Thorium-232	< 0.020	pCi/L	TE
1	Uranium-234	0.93 ± 0.34	pCi/L	TE
0	Uranium-235	< 0.020	pCi/L	TE
1	Uranium-238	0.45 ± 0.24	pCi/L	TE
0	Zinc-65	< 30	pCi/L	TE
0	Zirconium-95	< 20	pCi/L	TE

WELL TBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 9:10
Depth to water: 48.86 ft (14.89 m) below TOC pH: 6.0
Water elevation: 100.54 ft (30.64 m) msl Alkalinity: 0 meq/L
Sp. conductance: 112 µS/cm Water temperature: 22.3°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.30	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 40	pCi/L	TE
0	Beryllium-7	< 60	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-144	< 20	pCi/L	TE
0	Cesium-134	< 3.0	pCi/L	TE
0	Cesium-137	< 4.0	pCi/L	TE
0	Cobalt-58	< 5.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.30	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 200	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Neptunium-237	< 7.0	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.10	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Potassium-40	< 60	pCi/L	TE
0	Radium-226	< 70	pCi/L	TE
1	Radium-226	1.1 ± 0.60	pCi/L	TE
0	Radium-228	< 2.0	pCi/L	TE
0	Ruthenium-103	< 7.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Strontium-89	< 3.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE
1	Thorium-228	1.5 ± 0.40	pCi/L	TE
1	Thorium-230	3.9 ± 0.60	pCi/L	TE
1	Thorium-232	0.28 ± 0.16	pCi/L	TE
0	Uranium-234	< 0.060	pCi/L	TE
0	Uranium-235	< 0.020	pCi/L	TE
0	Uranium-238	< 0.030	pCi/L	TE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE

WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 12:40
Depth to water: 48.57 ft (14.80 m) below TOC pH: 6.0
Water elevation: 100.83 ft (30.73 m) msl Alkalinity: 0 meq/L
Sp. conductance: 43 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 179 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.30	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 60	pCi/L	TE
0	Beryllium-7	< 70	pCi/L	TE

WELL TBG 5A collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-137	< 4.0	pCi/L	TE
0	Cobalt-58	< 6.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
1	Curium-242	0.13 ± 0.080	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 300	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 4.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.080	pCi/L	TE
0	Plutonium-239/240	< 0.030	pCi/L	TE
0	Plutonium-242	< 0.050	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 90	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
1	Strontium-89	13 ± 3.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE
1	Thorium-228	4.6 ± 0.60	pCi/L	TE
1	Thorium-230	11 ± 1.0	pCi/L	TE
1	Thorium-232	0.16 ± 0.15	pCi/L	TE
1	Uranium-234	10 ± 2.0	pCi/L	TE
1	Uranium-235	1.3 ± 0.50	pCi/L	TE
1	Uranium-238	2.0 ± 0.70	pCi/L	TE
0	Zinc-65	< 9.0	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL TBG 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 13:15
Depth to water: 37.47 ft (11.42 m) below TOC pH: 6.9
Water elevation: 112.53 ft (34.30 m) msl Alkalinity: 10 meq/L
Sp. conductance: 46 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 111 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.20	pCi/L	TE
0	Americium-243	< 0.10	pCi/L	TE
0	Barium-140	< 60	pCi/L	TE
0	Beryllium-7	< 60	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-137	< 4.0	pCi/L	TE
0	Cobalt-58	< 6.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.50	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 200	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 4.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.40	pCi/L	TE
0	Plutonium-239/240	< 0.20	pCi/L	TE
0	Plutonium-242	< 0.20	pCi/L	TE
0	Potassium-40	< 90	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Ruthenium-103	< 9.0	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE
1	Thorium-228	1.5 ± 0.40	pCi/L	TE
1	Thorium-230	3.9 ± 0.60	pCi/L	TE
1	Thorium-232	0.28 ± 0.16	pCi/L	TE
1	Uranium-234	7.9 ± 1.3	pCi/L	TE
1	Uranium-235	1.6 ± 0.60	pCi/L	TE
1	Uranium-238	1.5 ± 0.60	pCi/L	TE
0	Zinc-65	< 9.0	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL TBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:00
Depth to water: 46.52 ft (14.18 m) below TOC pH: 4.7
Water elevation: 101.58 ft (30.96 m) msl Alkalinity: 0 meq/L
Sp. conductance: 214 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	1.9 ± 0.50	pCi/L	TE
1	Americium-243	0.33 ± 0.23	pCi/L	TE
0	Barium-140	< 40	pCi/L	TE
0	Beryllium-7	< 60	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 30	pCi/L	TE
0	Cesium-134	< 4.0	pCi/L	TE
0	Cesium-137	< 4.0	pCi/L	TE
0	Cobalt-58	< 5.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
0	Curium-242	< 0.10	pCi/L	TE
0	Curium-243/244	< 0.30	pCi/L	TE
1	Curium-246	0.38 ± 0.25	pCi/L	TE
0	Iodine-131	< 200	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Neptunium-237	< 8.0	pCi/L	TE
0	Plutonium-238	< 0.080	pCi/L	TE
0	Plutonium-239/240	< 0.040	pCi/L	TE
0	Plutonium-242	< 0.040	pCi/L	TE
0	Potassium-40	< 60	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
1	Radium-228	6.1 ± 0.70	pCi/L	TE
0	Radium-228	< 5.0	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
0	Thorium-228	< 0.30	pCi/L	TE
0	Thorium-230	< 0.030	pCi/L	TE
0	Thorium-232	< 0.070	pCi/L	TE
0	Uranium-234	< 0.050	pCi/L	TE
0	Uranium-235	< 0.030	pCi/L	TE
1	Uranium-238	0.11 ± 0.080	pCi/L	TE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 9:40
Depth to water: 43.77 ft (13.34 m) below TOC pH: 5.9
Water elevation: 103.03 ft (31.40 m) msl Alkalinity: 11 meq/L
Sp. conductance: 58 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 69 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.20	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 80	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 7.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.40	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.90	pCi/L	TE
0	Plutonium-239/240	< 0.050	pCi/L	TE
0	Plutonium-242	< 0.050	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE

WELL TBG 7 collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Radium-228	< 2.0	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 50	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-90	< 2.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Thorium-228	< 0.20	pCi/L	TE
0	Thorium-230	< 0.080	pCi/L	TE
1	Thorium-232	0.20 ± 0.16	pCi/L	TE
1	Uranium-234	5.8 ± 1.1	pCi/L	TE
1	Uranium-235	0.82 ± 0.43	pCi/L	TE
1	Uranium-238	1.3 ± 0.60	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL TNX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 12:00
Depth to water: 58.54 ft (17.84 m) below TOC pH: 8.3
Water elevation: 97.86 ft (29.86 m) msl Alkalinity: 31 meq/L
Sp. conductance: 81 µS/cm Water temperature: 22.6°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.20	pCi/L	TE
0	Americium-241	< 0.20	pCi/L	TE
0	Americium-243	< 0.10	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 70	pCi/L	TE
0	Barium-140	< 80	pCi/L	TE
0	Beryllium-7	< 70	pCi/L	TE
0	Beryllium-7	< 90	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-134	< 8.0	pCi/L	TE
0	Cesium-137	< 4.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Cobalt-60	< 8.0	pCi/L	TE
1	Curium-242	0.40 ± 0.19	pCi/L	TE
1	Curium-242	0.56 ± 0.18	pCi/L	TE
0	Curium-243/244	< 0.60	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 300	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 4.0	pCi/L	TE
0	Manganese-54	< 8.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
0	Plutonium-239/240	< 0.080	pCi/L	TE
0	Plutonium-242	< 0.070	pCi/L	TE
0	Plutonium-242	< 0.080	pCi/L	TE
0	Potassium-40	< 90	pCi/L	TE
0	Potassium-40	< 200	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
1	Radium-228	0.88 ± 0.49	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Ruthenium-106	< 50	pCi/L	TE
0	Strontium-89	< 6.0	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-90	< 2.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 9.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE

WELL TNX 1D collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Thorium-228	<0.10	pCi/L	TE
1	Thorium-228	0.24 ± 0.20	pCi/L	TE
1	Thorium-230	0.68 ± 0.27	pCi/L	TE
1	Thorium-230	0.86 ± 0.38	pCi/L	TE
1	Thorium-232	0.16 ± 0.13	pCi/L	TE
0	Thorium-232	<0.060	pCi/L	TE
0	Uranium-234	<0.30	pCi/L	TE
0	Uranium-234	<0.20	pCi/L	TE
0	Uranium-236	<0.10	pCi/L	TE
0	Uranium-236	<0.10	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE
0	Zirconium-95	<9.0	pCi/L	TE

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 10:30
Depth to water: 57.31 ft (17.47 m) below TOC pH: 6.9
Water elevation: 97.79 ft (29.81 m) msl Alkalinity: 20 meq/L
Sp. conductance: 77 µS/cm Water temperature: 23.4°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.10	pCi/L	TE
0	Americium-243	<0.10	pCi/L	TE
0	Barium-140	<.70	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
0	Curium-246	<0.10	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.90	pCi/L	TE
0	Plutonium-239/240	<0.060	pCi/L	TE
0	Plutonium-242	<0.070	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<90	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
1	Thorium-228	0.69 ± 0.44	pCi/L	TE
0	Thorium-228	<9.0	pCi/L	TE
1	Thorium-230	1.1 ± 0.40	pCi/L	TE
0	Thorium-232	<0.20	pCi/L	TE
1	Uranium-234	0.37 ± 0.23	pCi/L	TE
0	Uranium-235	<0.060	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL TNX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 15:45
Depth to water: 56.00 ft (17.07 m) below TOC pH: 6.3
Water elevation: 98.30 ft (29.96 m) msl Alkalinity: 6 meq/L
Sp. conductance: 155 µS/cm Water temperature: 31.5°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<90	pCi/L	TE
0	Cerium-141	<30	pCi/L	TE
0	Cerium-144	<60	pCi/L	TE
0	Cesium-134	<8.0	pCi/L	TE
0	Cesium-137	<8.0	pCi/L	TE
0	Cobalt-58	<9.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
1	Curium-242	0.21 ± 0.15	pCi/L	TE
0	Curium-243/244	<0.50	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<8.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.60	pCi/L	TE
0	Plutonium-242	<0.70	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
1	Radium-228	1.6 ± 0.90	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<60	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
1	Strontium-90	5.3 ± 1.4	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	0.99 ± 0.26	pCi/L	TE
1	Thorium-230	0.20 ± 0.12	pCi/L	TE
1	Thorium-232	0.20 ± 0.12	pCi/L	TE
1	Uranium-234	0.67 ± 0.62	pCi/L	TE
0	Uranium-235	<0.20	pCi/L	TE
1	Uranium-238	0.60 ± 0.54	pCi/L	TE
0	Zinc-65	<20	pCi/L	TE
0	Zirconium-95	<9.0	pCi/L	TE

WELL TNX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 16:10
Depth to water: 49.37 ft (15.05 m) below TOC pH: 6.5
Water elevation: 100.43 ft (30.61 m) msl Alkalinity: 4 meq/L
Sp. conductance: 101 µS/cm Water temperature: 31.6°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.20	pCi/L	TE
1	Americium-243	0.18 ± 0.15	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<100	pCi/L	TE
0	Cerium-141	<30	pCi/L	TE
0	Cerium-144	<60	pCi/L	TE
0	Cesium-134	<8.0	pCi/L	TE
0	Cesium-137	<8.0	pCi/L	TE
0	Cobalt-58	<10	pCi/L	TE
0	Cobalt-60	<8.0	pCi/L	TE
1	Curium-242	0.11 ± 0.080	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
0	Curium-246	<0.10	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-59	<30	pCi/L	TE
0	Manganese-54	<8.0	pCi/L	TE
0	Neptunium-237	<20	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.080	pCi/L	TE
0	Plutonium-242	<0.080	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<200	pCi/L	TE
1	Radium-226	2.6 ± 0.50	pCi/L	TE

WELL TNX 4D collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Radium-228	< 3.0	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 70	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
1	Thorium-228	0.46 ± 0.32	pCi/L	TE
1	Thorium-230	0.37 ± 0.28	pCi/L	TE
0	Thorium-232	< 0.080	pCi/L	TE
1	Uranium-234	0.25 ± 0.16	pCi/L	TE
0	Uranium-235	< 0.030	pCi/L	TE
1	Uranium-238	0.42 ± 0.22	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL TNX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 14:20
Depth to water: 47.24 ft (14.40 m) below TOC pH: 6.0
Water elevation: 102.06 ft (31.11 m) msl Alkalinity: 38 meq/L
Sp. conductance: 165 µS/cm Water temperature: 31.1°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.20	pCi/L	TE
0	Americium-243	< 0.10	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 100	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 60	pCi/L	TE
0	Cesium-134	< 7.0	pCi/L	TE
0	Cesium-137	< 8.0	pCi/L	TE
0	Cobalt-58	< 9.0	pCi/L	TE
0	Cobalt-60	< 7.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.30	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-59	< 30	pCi/L	TE
0	Manganese-54	< 7.0	pCi/L	TE
0	Neptunium-237	< 20	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.20	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 200	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Radium-228	< 2.0	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 20	pCi/L	TE
0	Thorium-228	< 0.30	pCi/L	TE
0	Thorium-230	< 0.10	pCi/L	TE
0	Thorium-232	< 0.080	pCi/L	TE
0	Uranium-234	< 0.060	pCi/L	TE
0	Uranium-235	< 0.020	pCi/L	TE
1	Uranium-238	0.070 ± 0.067	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL TNX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 13:40
Depth to water: 48.17 ft (14.68 m) below TOC pH: 5.6
Water elevation: 102.33 ft (31.19 m) msl Alkalinity: 13 meq/L
Sp. conductance: 177 µS/cm Water temperature: 31.1°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.20	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 100	pCi/L	TE

WELL TNX 6D collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 60	pCi/L	TE
0	Cesium-134	< 8.0	pCi/L	TE
0	Cesium-137	< 7.0	pCi/L	TE
0	Cobalt-58	< 10	pCi/L	TE
0	Cobalt-60	< 7.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.30	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 7.0	pCi/L	TE
0	Neptunium-237	< 20	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.050	pCi/L	TE
1	Plutonium-242	0.25 ± 0.19	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 200	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 70	pCi/L	TE
0	Strontium-89	< 8.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 20	pCi/L	TE
0	Thorium-228	< 0.30	pCi/L	TE
0	Thorium-230	< 0.030	pCi/L	TE
0	Thorium-232	< 0.080	pCi/L	TE
1	Uranium-234	0.24 ± 0.15	pCi/L	TE
0	Uranium-236	< 0.040	pCi/L	TE
1	Uranium-238	0.13 ± 0.12	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL TNX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 12:55
Depth to water: 51.55 ft (15.71 m) below TOC pH: 5.8
Water elevation: 99.35 ft (30.28 m) msl Alkalinity: 16 meq/L
Sp. conductance: 74 µS/cm Water temperature: 23.0°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.40	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 80	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
0	Cobalt-60	< 7.0	pCi/L	TE
0	Curium-242	< 0.10	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 300	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
0	Plutonium-242	< 0.60	pCi/L	TE
0	Potassium-40	< 90	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 50	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-90	< 2.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Thorium-228	< 0.10	pCi/L	TE
0	Thorium-230	< 0.040	pCi/L	TE
0	Thorium-232	< 0.040	pCi/L	TE
1	Uranium-234	0.16 ± 0.10	pCi/L	TE
0	Uranium-236	< 0.020	pCi/L	TE
0	Uranium-238	< 0.050	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 9.0	pCi/L	TE

SECOND QUARTER RESULTS

WELL TNX 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90 Time: 8:55
Depth to water: 7.76 ft (2.37 m) below TOC pH: 5.2
Water elevation: 92.64 ft (28.21 m) msl Alkalinity: 1 meq/L
Sp. conductance: 198 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.20	pCi/L	TE
1	Americium-243	0.48 ± 0.21	pCi/L	TE
0	Barium-140	<70	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<8.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Curium-242	<0.10	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
1	Curium-246	0.79 ± 0.25	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.090	pCi/L	TE
0	Plutonium-239/240	<0.30	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<60	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-230	1.5 ± 1.1	pCi/L	TE
0	Thorium-232	<0.60	pCi/L	TE
0	Uranium-234	<0.030	pCi/L	TE
0	Uranium-235	<0.020	pCi/L	TE
0	Uranium-238	<0.040	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90 Time: 9:40
Depth to water: 9.11 ft (2.78 m) below TOC pH: 4.8
Water elevation: 92.59 ft (28.22 m) msl Alkalinity: 0 meq/L
Sp. conductance: 303 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.20	pCi/L	TE
1	Americium-243	0.24 ± 0.16	pCi/L	TE
0	Barium-140	<90	pCi/L	TE
0	Beryllium-7	<100	pCi/L	TE
0	Cerium-141	<30	pCi/L	TE
0	Cerium-144	<70	pCi/L	TE
0	Cesium-134	<7.0	pCi/L	TE
0	Cesium-137	<7.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
1	Curium-242	0.14 ± 0.10	pCi/L	TE
1	Curium-243/244	0.32 ± 0.14	pCi/L	TE
1	Curium-246	0.46 ± 0.21	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<7.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE

WELL TNX 9D collected on 06/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Radium-228	1.8 ± 1.2	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<60	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-90	<2.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<0.30	pCi/L	TE
0	Thorium-230	<0.090	pCi/L	TE
0	Thorium-232	<0.10	pCi/L	TE
0	Uranium-234	<0.10	pCi/L	TE
0	Uranium-235	<0.050	pCi/L	TE
0	Uranium-238	<0.080	pCi/L	TE
0	Zinc-65	<20	pCi/L	TE
0	Zirconium-95	<10	pCi/L	TE

WELL TNX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90 Time: 8:20
Depth to water: 9.67 ft (2.95 m) below TOC pH: 4.2
Water elevation: 92.63 ft (28.23 m) msl Alkalinity: 0 meq/L
Sp. conductance: 151 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<70	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
1	Curium-242	0.28 ± 0.14	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<8.0	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<90	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<0.080	pCi/L	TE
0	Thorium-230	<0.030	pCi/L	TE
0	Thorium-232	<0.030	pCi/L	TE
1	Uranium-234	4.7 ± 0.80	pCi/L	TE
1	Uranium-235	0.18 ± 0.17	pCi/L	TE
1	Uranium-238	4.1 ± 0.70	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

WELL TNX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90 Time: 7:45
Depth to water: 7.19 ft (2.19 m) below TOC pH: 4.7
Water elevation: 92.61 ft (28.23 m) msl Alkalinity: 0 meq/L
Sp. conductance: 61 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.30	pCi/L	TE
0	Americium-243	<0.090	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE

WELL TNX 11D collected on 06/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
0	Curium-242	<0.080	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.060	pCi/L	TE
0	Plutonium-239/240	<0.070	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<0.20	pCi/L	TE
0	Thorium-230	<0.080	pCi/L	TE
0	Thorium-232	<0.080	pCi/L	TE
1	Uranium-234	0.65 ± 0.20	pCi/L	TE
0	Uranium-235	<0.040	pCi/L	TE
1	Uranium-238	0.24 ± 0.12	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90 — Time: 10:20
Depth to water: 6.54 ft (1.99 m) below TOC — pH: 6.8
Water elevation: 93.66 ft (28.55 m) msl — Alkalinity: 13 meq/L
Sp. conductance: 70 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.050	pCi/L	TE
1	Americium-243	0.17 ± 0.10	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cobalt-58	<6.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
1	Curium-246	0.24 ± 0.12	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.080	pCi/L	TE
0	Plutonium-239/240	<0.070	pCi/L	TE
1	Plutonium-242	1.7 ± 0.70	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<0.70	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Thorium-228	<0.30	pCi/L	TE
0	Thorium-230	<0.10	pCi/L	TE
0	Thorium-232	<0.10	pCi/L	TE
0	Uranium-234	<0.20	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
1	Uranium-238	0.082 ± 0.087		
pCi/L	TE			
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL XSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 — Time: 14:35
Depth to water: 58.64 ft (17.87 m) below TOC — pH: 6.3
Water elevation: 97.36 ft (29.68 m) msl — Alkalinity: 3 meq/L
Sp. conductance: 100 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.30	pCi/L	TE
0	Americium-241	<0.30	pCi/L	TE
1	Americium-243	0.22 ± 0.17	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<70	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-134	<6.0	pCi/L	TE
0	Cesium-137	<6.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
1	Curium-242	0.29 ± 0.18	pCi/L	TE
1	Curium-242	0.24 ± 0.14	pCi/L	TE
1	Curium-243/244	0.48 ± 0.27	pCi/L	TE
1	Curium-243/244	0.27 ± 0.23	pCi/L	TE
1	Curium-246	0.20 ± 0.18	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Iodine-131	<200	pCi/L	TE
0	Iodine-131	<200	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Neptunium-237	<9.0	pCi/L	TE
0	Plutonium-238	<0.30	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.080	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Plutonium-242	<0.080	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<90	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
1	Radium-228	0.78 ± 0.47	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-89	<6.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Strontium-90	<2.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	0.81 ± 0.46	pCi/L	TE
1	Thorium-228	0.45 ± 0.41	pCi/L	TE
0	Thorium-230	<0.080	pCi/L	TE
0	Thorium-230	<0.10	pCi/L	TE
0	Thorium-232	<0.070	pCi/L	TE
0	Thorium-232	<0.070	pCi/L	TE
0	Uranium-234	<0.30	pCi/L	TE
0	Uranium-234	<0.40	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
0	Uranium-235	<0.20	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

SECOND QUARTER RESULTS

WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 16:20
Depth to water: 56.96 ft (17.06 m) below TOC pH: 8.3
Water elevation: 99.94 ft (30.46 m) msl Alkalinity: 16 meq/L
Sp. conductance: 66 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-137	<6.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.50	pCi/L	TE
0	Curium-246	<0.10	pCi/L	TE
0	Iodine-131	<200	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.090	pCi/L	TE
0	Plutonium-242	<0.090	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<8.0	pCi/L	TE
1	Strontium-90	10 ± 2.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	8.4 ± 1.6	pCi/L	TE
1	Thorium-230	15 ± 2.0	pCi/L	TE
1	Thorium-232	0.66 ± 0.46	pCi/L	TE
0	Uranium-234	<0.30	pCi/L	TE
0	Uranium-235	<0.20	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

WELL XSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 16:50
Depth to water: 58.30 ft (17.77 m) below TOC pH: 6.0
Water elevation: 97.70 ft (29.78 m) msl Alkalinity: 0 meq/L
Sp. conductance: 83 µS/cm Water temperature: 22.6°C
Water evacuated before sampling: 264 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	0.26 ± 0.22	pCi/L	TE
0	Americium-243	<0.10	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<100	pCi/L	TE
0	Cerium-141	<30	pCi/L	TE
0	Cerium-144	<70	pCi/L	TE
0	Cesium-134	<8.0	pCi/L	TE
0	Cesium-137	<7.0	pCi/L	TE
0	Cobalt-58	<9.0	pCi/L	TE
0	Cobalt-60	<7.0	pCi/L	TE
0	Curium-242	<0.10	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<7.0	pCi/L	TE
0	Neptunium-237	<20	pCi/L	TE
1	Plutonium-238	1.6 ± 1.2	pCi/L	TE
0	Plutonium-239/240	<0.040	pCi/L	TE
0	Plutonium-242	<0.040	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<200	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE

WELL XSB 1D collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Radium-228	2.8 ± 1.8	pCi/L	TE
0	Ruthenium-103	<20	pCi/L	TE
0	Ruthenium-106	<60	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	0.43 ± 0.31	pCi/L	TE
1	Thorium-230	1.7 ± 0.40	pCi/L	TE
0	Thorium-232	<0.20	pCi/L	TE
0	Uranium-234	<0.30	pCi/L	TE
0	Uranium-235	<0.20	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE
0	Zinc-65	<20	pCi/L	TE
0	Zirconium-95	<10	pCi/L	TE

WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 13:15
Depth to water: 57.48 ft (17.52 m) below TOC pH: 9.0
Water elevation: 97.32 ft (29.66 m) msl Alkalinity: 32 meq/L
Sp. conductance: 159 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.30	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<60	pCi/L	TE
0	Cesium-134	<7.0	pCi/L	TE
0	Cesium-137	<6.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
0	Curium-242	<0.10	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Iodine-131	<200	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<6.0	pCi/L	TE
0	Neptunium-237	<10	pCi/L	TE
0	Plutonium-238	<0.030	pCi/L	TE
0	Plutonium-239/240	<0.060	pCi/L	TE
0	Plutonium-242	<0.070	pCi/L	TE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
1	Radium-228	1.3 ± 0.60	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<60	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	0.36 ± 0.070	pCi/L	TE
1	Thorium-230	0.21 ± 0.060	pCi/L	TE
1	Thorium-232	12 ± 4.0	pCi/L	TE
0	Uranium-234	<0.30	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<9.0	pCi/L	TE

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 10:45
Depth to water: 58.64 ft (17.87 m) below TOC pH: 6.3
Water elevation: 98.36 ft (29.98 m) msl Alkalinity: 3 meq/L
Sp. conductance: 130 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<70	pCi/L	TE

WELL XSB 3A collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 6.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Curium-242	< 0.50	pCi/L	TE
0	Curium-243/244	< 0.50	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 200	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 5.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.080	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
0	Plutonium-242	< 0.070	pCi/L	TE
0	Potassium-40	< 70	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
1	Radium-228	1.3 ± 0.40	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
1	Thorium-228	0.37 ± 0.27	pCi/L	TE
1	Thorium-230	1.4 ± 0.40	pCi/L	TE
0	Thorium-232	< 0.10	pCi/L	TE
1	Uranium-234	7.3 ± 1.0	pCi/L	TE
1	Uranium-235	0.70 ± 0.30	pCi/L	TE
1	Uranium-238	1.9 ± 0.50	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 7.0	pCi/L	TE

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 11:50
Depth to water: 57.81 ft (17.56 m) below TOC pH: 5.0
Water elevation: 97.29 ft (29.65 m) msl Alkalinity: 2 meq/L
Sp. conductance: 146 µS/cm Water temperature: 23.1°C
Water evacuated before sampling: 253 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.10	pCi/L	TE
0	Americium-243	< 0.10	pCi/L	TE
0	Barium-140	< 60	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 7.0	pCi/L	TE
0	Cobalt-60	< 6.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.30	pCi/L	TE
0	Curium-246	< 0.10	pCi/L	TE
0	Iodine-131	< 200	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.10	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Potassium-40	< 200	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
1	Radium-228	1.1 ± 0.50	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 2.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
1	Thorium-228	0.65 ± 0.43	pCi/L	TE
1	Thorium-230	0.42 ± 0.32	pCi/L	TE
0	Thorium-232	< 0.20	pCi/L	TE
1	Uranium-234	8.8 ± 1.3	pCi/L	TE
1	Uranium-235	1.5 ± 0.60	pCi/L	TE
1	Uranium-238	2.0 ± 0.60	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 11:50
Depth to water: 57.81 ft (17.56 m) below TOC pH: 5.0
Water elevation: 97.29 ft (29.65 m) msl Alkalinity: 2 meq/L
Sp. conductance: 146 µS/cm Water temperature: 23.1°C
Water evacuated before sampling: 253 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.20	pCi/L	TE
0	Americium-243	< 0.10	pCi/L	TE
0	Barium-140	< 70	pCi/L	TE
0	Beryllium-7	< 90	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 60	pCi/L	TE
0	Cesium-134	< 7.0	pCi/L	TE
0	Cesium-137	< 7.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
0	Cobalt-60	< 8.0	pCi/L	TE
0	Curium-242	< 0.10	pCi/L	TE
0	Curium-243/244	< 0.30	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 300	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 8.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
1	Plutonium-238	1.7 ± 1.2	pCi/L	TE
0	Plutonium-239/240	< 0.060	pCi/L	TE
0	Plutonium-242	< 0.070	pCi/L	TE
0	Potassium-40	< 200	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
1	Radium-228	1.8 ± 0.50	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Thorium-228	< 0.40	pCi/L	TE
0	Thorium-230	< 0.040	pCi/L	TE
0	Thorium-232	< 0.10	pCi/L	TE
0	Uranium-234	< 0.070	pCi/L	TE
0	Uranium-235	< 0.030	pCi/L	TE
0	Uranium-238	< 0.30	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 9.0	pCi/L	TE

WELL XSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 12:20
Depth to water: 15.36 ft (4.68 m) below TOC pH: 4.6
Water elevation: 98.64 ft (29.46 m) msl Alkalinity: 0 meq/L
Sp. conductance: 118 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	0.38 ± 0.19	pCi/L	TE
0	Americium-243	< 0.10	pCi/L	TE
0	Barium-140	< 60	pCi/L	TE
0	Beryllium-7	< 70	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cobalt-58	< 7.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.40	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Iodine-131	< 200	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 5.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.040	pCi/L	TE
0	Plutonium-242	< 0.060	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE

SECOND QUARTER RESULTS

WELL XSB 6A collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Radium-228	1.3 ± 0.50	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 60	pCi/L	TE
0	Strontium-89	< 7.0	pCi/L	TE
0	Strontium-90	< 3.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
1	Thorium-228	0.44 ± 0.39	pCi/L	TE
0	Thorium-230	< 0.10	pCi/L	TE
0	Thorium-232	< 0.090	pCi/L	TE
1	Uranium-234	3.8 ± 1.0	pCi/L	TE
0	Uranium-235	< 0.20	pCi/L	TE
1	Uranium-238	2.5 ± 0.80	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 7.0	pCi/L	TE

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MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90 Time: 10:05
Depth to water: Not available pH: 6.7
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 28.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.50	pCi/L	TE
0	Americium-241	< 0.40	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 70	pCi/L	TE
0	Barium-140	< 70	pCi/L	TE
0	Beryllium-7	< 50	pCi/L	TE
0	Beryllium-7	< 60	pCi/L	TE
0	Carbon-14	< 10	pCi/L	TE
0	Carbon-14	< 10	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 20	pCi/L	TE
0	Cerium-144	< 30	pCi/L	TE
0	Cesium-134	< 4.0	pCi/L	TE
0	Cesium-134	< 4.0	pCi/L	TE
0	Cesium-137	< 3.0	pCi/L	TE
0	Cesium-137	< 4.0	pCi/L	TE
0	Cobalt-58	< 5.0	pCi/L	TE
0	Cobalt-58	< 6.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Curium-242	< 0.30	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
1	Curium-243/244	0.36 ± 0.24	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Curium-246	< 0.30	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	TE
0	Iodine-129	< 3.0	pCi/L	TE
0	Iodine-129	< 3.0	pCi/L	TE
0	Iodine-131	< 300	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-55	< 50	pCi/L	TE
0	Iron-55	< 30	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 4.0	pCi/L	TE
0	Manganese-54	< 4.0	pCi/L	TE
0	Neptunium-237	< 6.0	pCi/L	TE
0	Neptunium-237	< 8.0	pCi/L	TE
0	Nickel-59	< 90	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
1	Nickel-63	12 ± 6.0	pCi/L	TE
0	Nickel-63	< 9.0	pCi/L	TE
0	Nonvolatile beta	< 4.0	pCi/L	TE
0	Nonvolatile beta	< 4.0	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
1	Plutonium-238	0.41 ± 0.21	pCi/L	TE
1	Plutonium-239/240	1.2 ± 1.0	pCi/L	TE
1	Plutonium-239/240	1.0 ± 0.80	pCi/L	TE
0	Plutonium-242	< 0.080	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-226	< 50	pCi/L	TE
0	Radium-226	< 70	pCi/L	TE
0	Radium-228	< 2.0	pCi/L	TE

WELL BLANK collected on 05/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Radium-228	< 2.0	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-103	< 9.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-89	< 6.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Strontium-90	< 4.0	pCi/L	TE
1	Technetium-99	11 ± 4.0	pCi/L	TE
0	Technetium-99	< 5.0	pCi/L	TE
0	Thorium-228	< 5.0	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
0	Thorium-228	< 0.50	pCi/L	TE
0	Thorium-228	< 0.10	pCi/L	TE
1	Thorium-230	0.43 ± 0.31	pCi/L	TE
1	Thorium-230	0.48 ± 0.15	pCi/L	TE
0	Thorium-232	< 0.10	pCi/L	TE
1	Thorium-232	0.10 ± 0.060	pCi/L	TE
0	Tritium	< 2.0	pCi/mL	TE
0	Tritium	< 2.0	pCi/mL	TE
0	Uranium-234	< 0.60	pCi/L	TE
0	Uranium-234	< 0.10	pCi/L	TE
0	Uranium-235	< 0.20	pCi/L	TE
0	Uranium-235	< 0.070	pCi/L	TE
0	Uranium-238	< 0.30	pCi/L	TE
0	Uranium-238	< 0.20	pCi/L	TE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 6.0	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

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MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90 Time: 9:35
Depth to water: Not available pH: 5.6
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 24.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	< 0.30	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 30	pCi/L	TE
0	Carbon-14	< 20	pCi/L	TE
0	Cerium-141	< 7.0	pCi/L	TE
0	Cerium-144	< 20	pCi/L	TE
0	Cesium-134	< 3.0	pCi/L	TE
0	Cesium-137	< 3.0	pCi/L	TE
0	Cobalt-58	< 3.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Curium-242	< 0.18	pCi/L	TE
1	Curium-243/244	0.47 ± 0.38	pCi/L	TE
0	Curium-246	< 0.30	pCi/L	TE
0	Gross alpha	< 0.80	pCi/L	TE
0	Iodine-129	< 3.0	pCi/L	TE
0	Iodine-131	< 70	pCi/L	TE
0	Iron-55	< 50	pCi/L	TE
0	Iron-59	< 8.0	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Neptunium-237	< 5.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 8.0	pCi/L	TE
0	Nonvolatile beta	< 1.0	pCi/L	TE
0	Plutonium-238	< 0.090	pCi/L	TE
0	Plutonium-239/240	< 0.10	pCi/L	TE
0	Plutonium-242	< 0.30	pCi/L	TE
0	Potassium-40	< 70	pCi/L	TE
0	Radium-226	< 40	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-228	< 0.80	pCi/L	TE
0	Ruthenium-103	< 4.0	pCi/L	TE
0	Ruthenium-106	< 20	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-90	< 2.0	pCi/L	TE
0	Technetium-99	< 5.0	pCi/L	TE
0	Thorium-228	< 4.0	pCi/L	TE
1	Thorium-228	2.4 ± 0.60	pCi/L	TE
1	Thorium-230	0.62 ± 0.32	pCi/L	TE
1	Thorium-232	0.56 ± 0.26	pCi/L	TE
0	Tritium	< 1.0	pCi/mL	TE
0	Uranium-234	< 0.50	pCi/L	TE
0	Uranium-235	< 0.20	pCi/L	TE

WELL BLANK collected on 05/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium-238	<0.30	pCi/L	TE
0	Zinc-65	<6.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

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MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 15:10
Depth to water: Not available pH: 6.2
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 35.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.50	pCi/L	TE
0	Americium-241	<0.50	pCi/L	TE
0	Americium-243	<0.40	pCi/L	TE
0	Americium-243	<0.50	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
0	Carbon-14	<20	pCi/L	TE
0	Carbon-14	<20	pCi/L	TE
0	Cerium-141	<7.0	pCi/L	TE
0	Cerium-141	<6.0	pCi/L	TE
0	Cerium-144	<20	pCi/L	TE
0	Cerium-144	<20	pCi/L	TE
0	Cesium-134	<3.0	pCi/L	TE
0	Cesium-134	<3.0	pCi/L	TE
0	Cesium-137	<3.0	pCi/L	TE
0	Cesium-137	<3.0	pCi/L	TE
0	Cobalt-58	<3.0	pCi/L	TE
0	Cobalt-58	<3.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
1	Curium-242	0.21 ± 0.15	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
1	Curium-243/244	0.52 ± 0.23	pCi/L	TE
0	Curium-246	<0.40	pCi/L	TE
0	Curium-246	<0.50	pCi/L	TE
0	Gross alpha	<0.90	pCi/L	TE
0	Gross alpha	<0.90	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<20	pCi/L	TE
0	Iodine-131	<20	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<9.0	pCi/L	TE
0	Iron-59	<8.0	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<6.0	pCi/L	TE
0	Neptunium-237	<5.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-59	<200	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nonvolatile beta	<1.0	pCi/L	TE
0	Nonvolatile beta	<1.0	pCi/L	TE
0	Plutonium-238	<0.040	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.060	pCi/L	TE
0	Plutonium-239/240	<0.070	pCi/L	TE
0	Plutonium-242	<0.060	pCi/L	TE
0	Plutonium-242	<0.080	pCi/L	TE
0	Potassium-40	<60	pCi/L	TE
0	Potassium-40	<60	pCi/L	TE
0	Radium-226	<60	pCi/L	TE
0	Radium-226	<50	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<0.70	pCi/L	TE
0	Radium-228	<0.70	pCi/L	TE
0	Ruthenium-103	<4.0	pCi/L	TE
0	Ruthenium-103	<4.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<10	pCi/L	TE
0	Strontium-89	<9.0	pCi/L	TE
0	Strontium-90	<3.0	pCi/L	TE
0	Strontium-90	<4.0	pCi/L	TE
0	Technetium-99	<4.0	pCi/L	TE

WELL BLANK collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Technetium-99	<4.0	pCi/L	TE
0	Thorium-228	<5.0	pCi/L	TE
0	Thorium-228	<5.0	pCi/L	TE
0	Thorium-228	<0.10	pCi/L	TE
1	Thorium-228	0.59 ± 0.32	pCi/L	TE
1	Thorium-230	0.95 ± 0.31	pCi/L	TE
1	Thorium-230	0.56 ± 0.37	pCi/L	TE
0	Thorium-232	<0.060	pCi/L	TE
0	Thorium-232	<0.030	pCi/L	TE
0	Tritium	<2.0	pCi/mL	TE
0	Tritium	<2.0	pCi/mL	TE
0	Uranium-234	<0.70	pCi/L	TE
0	Uranium-234	<0.60	pCi/L	TE
0	Uranium-235	<0.30	pCi/L	TE
0	Uranium-235	<0.20	pCi/L	TE
0	Uranium-238	<0.40	pCi/L	TE
0	Uranium-238	<0.30	pCi/L	TE
0	Zinc-65	<7.0	pCi/L	TE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/90 Time: 8:20
Depth to water: Not available pH: 6.3
Water elevation: Not available Alkalinity: 1 meq/L
Sp. conductance: 1 µS/cm Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.20	pCi/L	TE
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.10	pCi/L	TE
0	Americium-243	<0.10	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Barium-140	<10	pCi/L	TE
0	Beryllium-7	<20	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Carbon-14	<20	pCi/L	TE
1	Carbon-14	21 ± 7.0	pCi/L	TE
0	Cerium-141	<3.0	pCi/L	TE
0	Cerium-141	<6.0	pCi/L	TE
0	Cerium-144	<9.0	pCi/L	TE
0	Cerium-144	<20	pCi/L	TE
0	Cesium-134	<3.0	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cobalt-58	<3.0	pCi/L	TE
0	Cobalt-58	<4.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
1	Curium-242	0.30 ± 0.14	pCi/L	TE
0	Curium-242	<0.10	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<0.90	pCi/L	TE
0	Gross alpha	<0.90	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<10	pCi/L	TE
0	Iodine-131	<20	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-55	<60	pCi/L	TE
0	Iron-59	<8.0	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<4.0	pCi/L	TE
0	Neptunium-237	<7.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nickel-63	<8.0	pCi/L	TE
0	Nonvolatile beta	<1.0	pCi/L	TE
0	Nonvolatile beta	<1.0	pCi/L	TE
0	Plutonium-238	<0.060	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.070	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.080	pCi/L	TE

WELL BLANK collected on 06/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<40	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<40	pCi/L	TE
0	Radium-226	<60	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<3.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<6.0	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Strontium-90	<3.0	pCi/L	TE
0	Technetium-99	<20	pCi/L	TE
0	Technetium-99	<2.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
0	Thorium-228	<6.0	pCi/L	TE
0	Thorium-228	<0.080	pCi/L	TE
0	Thorium-228	<0.080	pCi/L	TE
0	Thorium-230	<0.030	pCi/L	TE
0	Thorium-230	<0.030	pCi/L	TE
0	Thorium-232	<0.030	pCi/L	TE
1	Thorium-232	0.064 ± 0.060	pCi/L	TE
0	Tritium	<2.0	pCi/mL	TE
0	Tritium	<2.0	pCi/mL	TE
0	Uranium-234	<0.080	pCi/L	TE
0	Uranium-234	<0.070	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
0	Uranium-235	<0.020	pCi/L	TE
0	Uranium-238	<0.030	pCi/L	TE
0	Uranium-238	<0.020	pCi/L	TE
0	Zinc-65	<6.0	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<3.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WATER-LEVEL DATA

During third quarter 1990, 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 area. Only water levels were measured for this project; no field tests of water characteristics are done. Ge-Hy Sampling of New Ellenton, SC, collected these data.

WELL ABP 1A

Sample date: 09/06/90 Time: 8:18
Depth to water: 141.67 ft (43.15 m) below TOC
Water elevation: 218.33 ft (66.55 m) msl

WELL ABP 1DD

Sample date: 09/06/90 Time: 8:22
Depth to water: 141.22 ft (43.04 m) below TOC
Water elevation: 218.88 ft (66.72 m) msl

WELL ABP 2A

Sample date: 09/06/90 Time: 9:06
Depth to water: 155.44 ft (47.38 m) below TOC
Water elevation: 216.46 ft (65.98 m) msl

WELL ABP 2DD

Sample date: 09/06/90 Time: 9:01
Depth to water: 154.25 ft (47.02 m) below TOC
Water elevation: 216.36 ft (65.94 m) msl

WELL ABP 3

Sample date: 09/06/90 Time: 8:28
Depth to water: 134.44 ft (40.98 m) below TOC
Water elevation: 219.26 ft (66.83 m) msl

WELL ABP 3C

Sample date: 09/06/90 Time: 8:33
Depth to water: 161.44 ft (49.21 m) below TOC
Water elevation: 193.06 ft (58.85 m) msl

WELL ABP 4

Sample date: 09/06/90 Time: 9:16
Depth to water: 148.25 ft (45.19 m) below TOC
Water elevation: 216.06 ft (65.85 m) msl

WELL ABP 4DD

Sample date: 09/06/90 Time: 9:13
Depth to water: 148.23 ft (45.18 m) below TOC
Water elevation: 216.77 ft (66.07 m) msl

WELL ABP 6D

Sample date: 09/06/90 Time: 8:40
Depth to water: 148.77 ft (45.35 m) below TOC
Water elevation: 216.53 ft (66.00 m) msl

WELL ABP 7D

Sample date: 09/06/90 Time: 9:24
Depth to water: 147.30 ft (44.90 m) below TOC
Water elevation: 216.90 ft (66.11 m) msl

WELL ABP 8C

Sample date: 09/06/90 Time: 8:47
Depth to water: 176.98 ft (53.95 m) below TOC
Water elevation: 195.11 ft (59.47 m) msl

WELL ABP 8D

Sample date: 09/06/90 Time: 8:53
Depth to water: 154.81 ft (47.19 m) below TOC
Water elevation: 216.09 ft (65.87 m) msl

WELL ABW 1

Sample date: 09/03/90 Time: 14:19
Depth to water: 102.43 ft (31.22 m) below TOC
Water elevation: 222.37 ft (67.78 m) msl

WELL AC 1A

Sample date: 09/06/90 Time: 13:38
Depth to water: 50.90 ft (15.51 m) below TOC
Water elevation: 211.20 ft (64.37 m) msl

WELL AC 1B

Sample date: 09/06/90 Time: 13:37
There was no water in the standpipe.

WELL AC 2A

Sample date: 09/06/90 Time: 12:24
Depth to water: 126.06 ft (38.42 m) below TOC
Water elevation: 218.64 ft (66.64 m) msl

WATER-LEVEL DATA

WELL AC 2B

Sample date: 09/05/90 Time: 12:28
There was no water in the standpipe.

WELL AC 3A

Sample date: 09/05/90 Time: 15:34
Depth to water: 95.75 ft (29.18 m) below TOC
Water elevation: 206.55 ft (62.96 m) msl

WELL AC 3B

Sample date: 09/05/90 Time: 15:38
Depth to water: 93.84 ft (28.60 m) below TOC
Water elevation: 208.66 ft (63.60 m) msl

WELL ACB 1A

Sample date: 09/04/90 Time: 12:02
Depth to water: 125.84 ft (38.36 m) below TOC
Water elevation: 233.76 ft (71.25 m) msl

WELL ACB 2A

Sample date: 09/04/90 Time: 11:41
Depth to water: 115.20 ft (35.11 m) below TOC
Water elevation: 234.60 ft (71.51 m) msl

WELL ACB 3A

Sample date: 09/04/90 Time: 11:36
Depth to water: 113.40 ft (34.56 m) below TOC
Water elevation: 234.80 ft (71.60 m) msl

WELL ACB 4A

Sample date: 09/04/90 Time: 11:32
Depth to water: 123.66 ft (37.69 m) below TOC
Water elevation: 235.45 ft (71.77 m) msl

WELL AMB 4

Sample date: 09/03/90 Time: 15:34
There was no water in the standpipe.

WELL AMB 5

Sample date: 09/03/90 Time: 15:36
Depth to water: 148.51 ft (45.27 m) below TOC
Water elevation: 231.09 ft (70.44 m) msl

WELL AMB 6

Sample date: 09/03/90 Time: 15:38
Depth to water: 146.07 ft (44.52 m) below TOC
Water elevation: 231.13 ft (70.45 m) msl

WELL AMB 7

Sample date: 09/03/90 Time: 15:31
Depth to water: 138.44 ft (42.20 m) below TOC
Water elevation: 231.46 ft (70.55 m) msl

WELL AMB 8D

Sample date: 09/03/90 Time: 15:43
Depth to water: 138.58 ft (42.24 m) below TOC
Water elevation: 231.02 ft (70.42 m) msl

WELL AMB 9D

Sample date: 09/03/90 Time: 15:47
Depth to water: 136.81 ft (41.64 m) below TOC
Water elevation: 231.29 ft (70.50 m) msl

WELL AMB 10D

Sample date: 09/03/90 Time: 15:53
Depth to water: 133.24 ft (40.61 m) below TOC
Water elevation: 232.26 ft (70.79 m) msl

WELL AMB 10DD

Sample date: 09/03/90 Time: 15:55
Depth to water: 7.71 ft (2.35 m) below TOC
Water elevation: 357.69 ft (109.03 m) msl

WELL AMB 11D

Sample date: 09/03/90 Time: 15:21
Depth to water: 131.24 ft (40.00 m) below TOC
Water elevation: 232.76 ft (70.95 m) msl

WELL AMB 12D

Sample date: 09/03/90 Time: 15:26
Depth to water: 137.89 ft (42.03 m) below TOC
Water elevation: 231.91 ft (70.69 m) msl

WELL AOB 1

Sample date: 09/04/90 Time: 11:13
Depth to water: 107.58 ft (32.79 m) below TOC
Water elevation: 233.62 ft (71.18 m) msl

WELL AOB 2

Sample date: 09/04/90 Time: 11:17
Depth to water: 111.36 ft (33.94 m) below TOC
Water elevation: 234.04 ft (71.34 m) msl

WELL AOB 3

Sample date: 09/04/90 Time: 11:29
Depth to water: 117.66 ft (35.86 m) below TOC
Water elevation: 234.94 ft (71.61 m) msl

WELL ARP 1A

Sample date: 09/06/90 Time: 9:30
There was no water in the standpipe.

WELL ARP 2

Sample date: 09/06/90 Time: 9:33
Depth to water: 123.36 ft (37.60 m) below TOC
Water elevation: 213.94 ft (65.21 m) msl

WELL ARP 3

Sample date: 09/06/90 Time: 9:38
Depth to water: 123.92 ft (37.77 m) below TOC
Water elevation: 215.88 ft (65.80 m) msl

WELL ARP 4

Sample date: 09/06/90 Time: 9:28
There was no water in the standpipe.

WELL ASB 1A

Sample date: 09/04/90 Time: 13:55
There was no water in the standpipe.

WELL ASB 2A

Sample date: 09/04/90 Time: 14:08
Depth to water: 113.77 ft (34.68 m) below TOC
Water elevation: 236.23 ft (71.70 m) msl

WELL ASB 3A

Sample date: 09/04/90 Time: 14:03
Depth to water: 109.18 ft (33.28 m) below TOC
Water elevation: 236.82 ft (71.88 m) msl

WELL ASB 4

Sample date: 09/04/90 Time: 13:37
Depth to water: 110.79 ft (33.77 m) below TOC
Water elevation: 224.81 ft (68.52 m) msl

WELL ASB 5A

Sample date: 09/04/90 Time: 13:54
Depth to water: 110.66 ft (33.73 m) below TOC
Water elevation: 234.34 ft (71.43 m) msl

WELL ASB 6A

Sample date: 09/04/90 Time: 13:46
Depth to water: 116.53 ft (35.52 m) below TOC
Water elevation: 233.87 ft (71.22 m) msl

WELL ASB 6AA

Sample date: 09/04/90 Time: 13:43
Depth to water: 139.41 ft (42.49 m) below TOC
Water elevation: 214.78 ft (65.47 m) msl

WELL ASB 7

Sample date: 09/04/90 Time: 13:50
Depth to water: 121.02 ft (36.89 m) below TOC
Water elevation: 232.38 ft (70.83 m) msl

WELL ASB 8

Sample date: 09/04/90 Time: 15:38
Depth to water: 117.54 ft (35.83 m) below TOC
Water elevation: 231.46 ft (70.55 m) msl

WELL ASB 8A

Sample date: 09/04/90 Time: 15:45
Depth to water: 133.37 ft (40.65 m) below TOC
Water elevation: 215.93 ft (65.82 m) msl

WELL ASB 8B

Sample date: 09/04/90 Time: 15:49
Depth to water: 132.54 ft (40.40 m) below TOC
Water elevation: 217.26 ft (66.22 m) msl

WELL ASB 8C

Sample date: 09/04/90 Time: 15:53
Depth to water: 128.86 ft (39.28 m) below TOC
Water elevation: 220.84 ft (67.31 m) msl

WELL ASB 8TA

Sample date: 09/04/90 Time: 15:41
Depth to water: 137.76 ft (41.99 m) below TOC
Water elevation: 211.84 ft (64.57 m) msl

WELL ASB 9

Sample date: 09/03/90 Time: 14:40
Depth to water: 70.73 ft (21.56 m) below TOC
Water elevation: 238.27 ft (72.63 m) msl

WELL ASB 9B

Sample date: 09/03/90 Time: 14:43
Depth to water: 91.80 ft (27.98 m) below TOC
Water elevation: 217.20 ft (66.20 m) msl

WELL ASB 9C

Sample date: 09/03/90 Time: 14:47
Depth to water: 92.57 ft (28.22 m) below TOC
Water elevation: 217.33 ft (66.24 m) msl

WELL MCB 2

Sample date: 09/04/90 Time: 9:09
Depth to water: 110.36 ft (33.64 m) below TOC
Water elevation: 218.06 ft (66.46 m) msl

WELL MCB 4

Sample date: 09/04/90 Time: 9:02
Depth to water: 131.47 ft (40.07 m) below TOC
Water elevation: 218.93 ft (66.73 m) msl

WELL MCB 5

Sample date: 09/04/90 Time: 8:48
Depth to water: 120.14 ft (36.62 m) below TOC
Water elevation: 219.46 ft (66.89 m) msl

WELL MCB 5C

Sample date: 09/04/90 Time: 8:51
Depth to water: 148.04 ft (45.12 m) below TOC
Water elevation: 191.06 ft (58.24 m) msl

WELL MCB 6

Sample date: 09/04/90 Time: 8:45
Depth to water: 117.53 ft (35.82 m) below TOC
Water elevation: 214.57 ft (65.40 m) msl

WELL MCB 6C

Sample date: 09/04/90 Time: 8:42
Depth to water: 139.31 ft (42.46 m) below TOC
Water elevation: 192.79 ft (58.76 m) msl

WELL MCB 7C

Sample date: 09/04/90 Time: 8:58
Depth to water: 147.85 ft (45.07 m) below TOC
Water elevation: 189.85 ft (57.87 m) msl

WELL MCB 8D

Sample date: 09/04/90 Time: 9:05
Depth to water: 121.19 ft (36.94 m) below TOC
Water elevation: 219.51 ft (66.91 m) msl

WELL MCB 9D

Sample date: 09/04/90 Time: 8:54
Depth to water: 125.37 ft (38.21 m) below TOC
Water elevation: 217.53 ft (66.30 m) msl

WATER-LEVEL DATA

WELL MSB 1A

Sample date: 09/05/90 Time: 10:04
There was no water in the standpipe.

WELL MSB 2A

Sample date: 09/05/90 Time: 10:50
There was no water in the standpipe.

WELL MSB 3A

Sample date: 09/05/90 Time: 10:52
There was no water in the standpipe.

WELL MSB 4A

Sample date: 09/05/90 Time: 10:54
There was no water in the standpipe.

WELL MSB 5A

Sample date: 09/06/90 Time: 10:36
There was no water in the standpipe.

WELL MSB 6A

Sample date: 09/06/90 Time: 10:34
Depth to water: 119.89 ft (36.54 m) below TOC
Water elevation: 224.01 ft (68.28 m) msl

WELL MSB 7A

Sample date: 09/06/90 Time: 10:19
Depth to water: 119.21 ft (36.34 m) below TOC
Water elevation: 225.29 ft (68.67 m) msl

WELL MSB 7B

Sample date: 09/06/90 Time: 10:22
Depth to water: 139.56 ft (42.54 m) below TOC
Water elevation: 204.64 ft (62.38 m) msl

WELL MSB 7C

Sample date: 09/06/90 Time: 10:24
Depth to water: 124.87 ft (38.06 m) below TOC
Water elevation: 219.73 ft (66.97 m) msl

WELL MSB 8A

Sample date: 09/06/90 Time: 10:09
There was no water in the standpipe.

WELL MSB 8B

Sample date: 09/06/90 Time: 10:11
Depth to water: 137.37 ft (41.87 m) below TOC
Water elevation: 206.53 ft (62.95 m) msl

WELL MSB 8C

Sample date: 09/06/90 Time: 10:14
Depth to water: 126.15 ft (38.45 m) below TOC
Water elevation: 217.85 ft (66.40 m) msl

WELL MSB 9A

Sample date: 09/05/90 Time: 11:02
Depth to water: 148.43 ft (45.24 m) below TOC
Water elevation: 210.97 ft (64.30 m) msl

WELL MSB 9B

Sample date: 09/05/90 Time: 11:06
Depth to water: 131.48 ft (40.08 m) below TOC
Water elevation: 228.12 ft (69.53 m) msl

WELL MSB 9C

Sample date: 09/05/90 Time: 10:58
There was no water in the standpipe.

WELL MSB 10A

Sample date: 09/06/90 Time: 11:05
Depth to water: 147.11 ft (44.84 m) below TOC
Water elevation: 207.89 ft (63.37 m) msl

WELL MSB 10B

Sample date: 09/06/90 Time: 10:59
Depth to water: 144.86 ft (44.15 m) below TOC
Water elevation: 209.84 ft (63.96 m) msl

WELL MSB 10C

Sample date: 09/06/90 Time: 11:02
Depth to water: 129.83 ft (39.57 m) below TOC
Water elevation: 226.17 ft (68.94 m) msl

WELL MSB 11A

Sample date: 09/05/90 Time: 11:21
Depth to water: 154.36 ft (47.05 m) below TOC
Water elevation: 210.54 ft (64.17 m) msl

WELL MSB 11B

Sample date: 09/05/90 Time: 11:18
Depth to water: 148.92 ft (45.39 m) below TOC
Water elevation: 215.88 ft (65.80 m) msl

WELL MSB 11C

Sample date: 09/05/90 Time: 11:15
Depth to water: 147.36 ft (44.92 m) below TOC
Water elevation: 217.54 ft (66.31 m) msl

WELL MSB 11D

Sample date: 09/05/90 Time: 11:12
Depth to water: 137.57 ft (41.93 m) below TOC
Water elevation: 227.63 ft (69.38 m) msl

WELL MSB 11E

Sample date: 09/05/90 Time: 11:08
The well was dry.

WELL MSB 11F

Sample date: 09/05/90 Time: 11:10
There was no water in the standpipe.

WELL MSB 12A

Sample date: 09/06/90 Time: 11:24
Depth to water: 142.51 ft (43.44 m) below TOC
Water elevation: 206.29 ft (62.87 m) msl

WELL MSB 12B

Sample date: 09/06/90 Time: 11:15
Depth to water: 133.95 ft (40.83 m) below TOC
Water elevation: 214.45 ft (65.37 m) msl

WELL MSB 12C

Sample date: 09/06/90 Time: 11:20
Depth to water: 128.13 ft (39.05 m) below TOC
Water elevation: 219.77 ft (66.99 m) msl

WELL MSB 12D

Sample date: 09/06/90 Time: 11:09
There was no water in the standpipe.

WELL MSB 12TA

Sample date: 09/06/90 Time: 11:17
Depth to water: 160.64 ft (48.96 m) below TOC
Water elevation: 187.86 ft (57.26 m) msl

WELL MSB 12TB

Sample date: 09/06/90 Time: 11:12
Depth to water: 160.88 ft (49.04 m) below TOC
Water elevation: 188.02 ft (57.31 m) msl

WELL MSB 13A

Sample date: 09/03/90 Time: 9:55
Depth to water: 140.06 ft (42.69 m) below TOC
Water elevation: 205.14 ft (62.53 m) msl

WELL MSB 13B

Sample date: 09/03/90 Time: 10:01
Depth to water: 151.15 ft (46.07 m) below TOC
Water elevation: 194.45 ft (59.27 m) msl

WELL MSB 13C

Sample date: 09/03/90 Time: 10:32
The well was dry.

WELL MSB 14A

Sample date: 09/06/90 Time: 9:58
Depth to water: 133.41 ft (40.66 m) below TOC
Water elevation: 214.89 ft (65.50 m) msl

WELL MSB 14B

Sample date: 09/06/90 Time: 10:01
Depth to water: 132.33 ft (40.33 m) below TOC
Water elevation: 216.37 ft (65.95 m) msl

WELL MSB 14C

Sample date: 09/06/90 Time: 10:02
There was no water in the standpipe.

WELL MSB 15A

Sample date: 09/06/90 Time: 11:31
Depth to water: 148.18 ft (45.17 m) below TOC
Water elevation: 219.02 ft (66.76 m) msl

WELL MSB 15AA

Sample date: 09/06/90 Time: 11:25
Depth to water: 157.27 ft (47.94 m) below TOC
Water elevation: 212.23 ft (64.69 m) msl

WELL MSB 15D

Sample date: 09/06/90 Time: 11:28
Depth to water: 138.74 ft (42.29 m) below TOC
Water elevation: 230.06 ft (70.12 m) msl

WELL MSB 16A

Sample date: 09/05/90 Time: 11:35
Depth to water: 149.53 ft (45.58 m) below TOC
Water elevation: 217.17 ft (66.18 m) msl

WELL MSB 16C

Sample date: 09/05/90 Time: 11:33
There was no water in the standpipe.

WELL MSB 17A

Sample date: 09/06/90 Time: 11:44
Depth to water: 145.38 ft (44.32 m) below TOC
Water elevation: 212.61 ft (64.80 m) msl

WELL MSB 17B

Sample date: 09/06/90 Time: 11:34
Depth to water: 136.02 ft (41.46 m) below TOC
Water elevation: 221.88 ft (67.63 m) msl

WELL MSB 17BB

Sample date: 09/06/90 Time: 11:31
Depth to water: 149.33 ft (45.52 m) below TOC
Water elevation: 209.97 ft (64.00 m) msl

WELL MSB 17C

Sample date: 09/06/90 Time: 11:28
The well was dry.

WELL MSB 17D

Sample date: 09/06/90 Time: 11:38
Depth to water: 135.66 ft (41.32 m) below TOC
Water elevation: 224.64 ft (68.47 m) msl

WELL MSB 18A

Sample date: 09/06/90 Time: 11:56
Depth to water: 132.42 ft (40.36 m) below TOC
Water elevation: 207.78 ft (63.33 m) msl

WELL MSB 18B

Sample date: 09/06/90 Time: 11:52
Depth to water: 123.73 ft (37.71 m) below TOC
Water elevation: 216.57 ft (66.01 m) msl

WELL MSB 18C

Sample date: 09/06/90 Time: 11:48
Depth to water: 118.45 ft (36.10 m) below TOC
Water elevation: 222.15 ft (67.71 m) msl

WELL MSB 19A

Sample date: 09/04/90 Time: 11:53
Depth to water: 88.22 ft (26.89 m) below TOC
Water elevation: 211.28 ft (64.40 m) msl

WELL MSB 19B

Sample date: 09/04/90 Time: 11:49
Depth to water: 86.47 ft (26.06 m) below TOC
Water elevation: 214.43 ft (66.36 m) msl

WATER-LEVEL DATA

WELL MSB 19C

Sample date: 09/04/90 Time: 11:48
Depth to water: 65.07 ft (19.83 m) below TOC
Water elevation: 235.13 ft (71.67 m) msl

WELL MSB 20A

Sample date: 09/05/90 Time: 12:56
Depth to water: 139.15 ft (42.41 m) below TOC
Water elevation: 214.85 ft (65.48 m) msl

WELL MSB 20C

Sample date: 09/05/90 Time: 12:58
There was no water in the standpipe.

WELL MSB 21A

Sample date: 09/05/90 Time: 12:44
Depth to water: 136.98 ft (41.46 m) below TOC
Water elevation: 217.42 ft (66.27 m) msl

WELL MSB 21B

Sample date: 09/05/90 Time: 12:50
Depth to water: 136.96 ft (41.75 m) below TOC
Water elevation: 218.34 ft (66.55 m) msl

WELL MSB 21C

Sample date: 09/05/90 Time: 12:47
Depth to water: 127.69 ft (38.92 m) below TOC
Water elevation: 225.71 ft (68.80 m) msl

WELL MSB 21TA

Sample date: 09/05/90 Time: 12:42
Depth to water: 165.11 ft (50.33 m) below TOC
Water elevation: 189.59 ft (57.79 m) msl

WELL MSB 22

Sample date: 09/05/90 Time: 10:56
There was no water in the standpipe.

WELL MSB 23

Sample date: 09/05/90 Time: Not available
There was no water in the standpipe.

WELL MSB 23B

Sample date: 09/05/90 Time: 9:37
Depth to water: 151.38 ft (46.14 m) below TOC
Water elevation: 220.22 ft (67.12 m) msl

WELL MSB 23TA

Sample date: 09/05/90 Time: 9:41
Depth to water: 178.02 ft (54.26 m) below TOC
Water elevation: 194.88 ft (59.40 m) msl

WELL MSB 24

Sample date: 09/05/90 Time: 9:22
Depth to water: 146.12 ft (44.54 m) below TOC
Water elevation: 234.08 ft (71.35 m) msl

WELL MSB 24A

Sample date: 09/05/90 Time: 9:24
Depth to water: 159.37 ft (48.58 m) below TOC
Water elevation: 222.23 ft (67.74 m) msl

WELL MSB 25

Sample date: 09/05/90 Time: Not available
There was no water in the standpipe.

WELL MSB 25A

Sample date: 09/05/90 Time: 9:09
Depth to water: 153.21 ft (46.70 m) below TOC
Water elevation: 213.19 ft (64.98 m) msl

WELL MSB 26

Sample date: 09/05/90 Time: 11:38
There was no water in the standpipe.

WELL MSB 26A

Sample date: 09/05/90 Time: 11:42
Depth to water: 139.71 ft (42.58 m) below TOC
Water elevation: 221.19 ft (67.42 m) msl

WELL MSB 26B

Sample date: 09/05/90 Time: 11:46
Depth to water: 146.93 ft (44.78 m) below TOC
Water elevation: 216.27 ft (65.92 m) msl

WELL MSB 27

Sample date: 09/05/90 Time: 9:51
Depth to water: 139.10 ft (42.40 m) below TOC
Water elevation: 236.40 ft (72.06 m) msl

WELL MSB 27A

Sample date: 09/05/90 Time: Not available
There was no water in the standpipe.

WELL MSB 27B

Sample date: 09/05/90 Time: 9:56
Depth to water: 154.26 ft (47.02 m) below TOC
Water elevation: 222.54 ft (67.83 m) msl

WELL MSB 27TA

Sample date: 09/05/90 Time: 9:53
Depth to water: 182.26 ft (55.55 m) below TOC
Water elevation: 194.36 ft (59.24 m) msl

WELL MSB 28

Sample date: 09/05/90 Time: 11:54
Depth to water: 126.15 ft (38.45 m) below TOC
Water elevation: 228.25 ft (69.57 m) msl

WELL MSB 28A

Sample date: 09/05/90 Time: 11:50
Depth to water: 133.20 ft (40.60 m) below TOC
Water elevation: 221.00 ft (67.36 m) msl

WELL MSB 29A

Sample date: 09/03/90 Time: 9:40
There was no water in the standpipe.

WELL MSB 29B

Sample date: 09/03/90 Time: 9:46
Depth to water: 142.93 ft (43.57 m) below TOC
Water elevation: 222.27 ft (67.75 m) msl

WELL MSB 29C

Sample date: 09/03/90 Time: 11:10
Depth to water: 136.09 ft (41.48 m) below TOC
Water elevation: 229.11 ft (69.83 m) msl

WELL MSB 29D

Sample date: 09/03/90 Time: 11:15
Depth to water: 134.09 ft (40.87 m) below TOC
Water elevation: 231.01 ft (70.41 m) msl

WELL MSB 29DD

Sample date: 09/03/90 Time: 11:20
The well was dry.

WELL MSB 29TA

Sample date: 09/03/90 Time: 11:25
Depth to water: 156.36 ft (47.66 m) below TOC
Water elevation: 208.84 ft (63.66 m) msl

WELL MSB 30A

Sample date: 09/05/90 Time: 12:10
Depth to water: 161.60 ft (49.23 m) below TOC
Water elevation: 183.10 ft (58.86 m) msl

WELL MSB 30AA

Sample date: 09/05/90 Time: 11:58
Depth to water: 130.87 ft (39.89 m) below TOC
Water elevation: 221.73 ft (67.58 m) msl

WELL MSB 30B

Sample date: 09/05/90 Time: 12:01
Depth to water: 130.13 ft (39.66 m) below TOC
Water elevation: 222.97 ft (67.96 m) msl

WELL MSB 30C

Sample date: 09/05/90 Time: 12:07
Depth to water: 126.66 ft (38.30 m) below TOC
Water elevation: 229.24 ft (69.87 m) msl

WELL MSB 30CC

Sample date: 09/05/90 Time: 12:04
Depth to water: 130.79 ft (39.87 m) below TOC
Water elevation: 222.91 ft (67.94 m) msl

WELL MSB 31A

Sample date: 09/04/90 Time: 11:02
Depth to water: 155.49 ft (47.39 m) below TOC
Water elevation: 181.71 ft (58.43 m) msl

WELL MSB 31B

Sample date: 09/04/90 Time: 11:07
Depth to water: 136.60 ft (41.64 m) below TOC
Water elevation: 210.90 ft (64.28 m) msl

WELL MSB 31C

Sample date: 09/04/90 Time: 11:04
Depth to water: 115.93 ft (35.34 m) below TOC
Water elevation: 231.37 ft (70.52 m) msl

WELL MSB 31CC

Sample date: 09/04/90 Time: 11:09
Depth to water: 136.53 ft (41.61 m) below TOC
Water elevation: 212.27 ft (64.70 m) msl

WELL MSB 32

Sample date: 09/04/90 Time: 11:58
Depth to water: 31.46 ft (9.59 m) below TOC
Water elevation: 223.84 ft (68.23 m) msl

WELL MSB 33

Sample date: 09/04/90 Time: 10:38
There was no water in the standpipe.

WELL MSB 33A

Sample date: 09/04/90 Time: 10:35
Depth to water: 52.56 ft (16.02 m) below TOC
Water elevation: 202.84 ft (61.83 m) msl

WELL MSB 33B

Sample date: 09/04/90 Time: 10:31
Depth to water: 48.24 ft (14.70 m) below TOC
Water elevation: 206.96 ft (63.08 m) msl

WELL MSB 33C

Sample date: 09/04/90 Time: 10:30
Depth to water: 45.64 ft (13.91 m) below TOC
Water elevation: 209.66 ft (63.91 m) msl

WELL MSB 33TA

Sample date: 09/04/90 Time: 10:36
Depth to water: 63.77 ft (19.44 m) below TOC
Water elevation: 191.73 ft (58.44 m) msl

WELL MSB 34A

Sample date: 09/04/90 Time: 13:14
Depth to water: 168.45 ft (51.34 m) below TOC
Water elevation: 214.75 ft (65.46 m) msl

WELL MSB 34B

Sample date: 09/04/90 Time: 13:16
Depth to water: 159.15 ft (48.51 m) below TOC
Water elevation: 223.95 ft (68.26 m) msl

WELL MSB 34C

Sample date: 09/04/90 Time: 13:17
There was no water in the standpipe.

WELL MSB 34TA

Sample date: 09/04/90 Time: 13:19
Depth to water: 188.07 ft (57.32 m) below TOC
Water elevation: 194.43 ft (59.26 m) msl

WELL MSB 34TB

Sample date: 09/04/90 Time: 13:23
Depth to water: 187.16 ft (57.05 m) below TOC
Water elevation: 195.84 ft (59.63 m) msl

WATER-LEVEL DATA

WELL MSB 35A

Sample date: 09/04/90 Time: 11:24
Depth to water: 136.06 ft (41.72 m) below TOC
Water elevation: 214.24 ft (65.30 m) msl

WELL MSB 35B

Sample date: 09/04/90 Time: 11:26
Depth to water: 133.98 ft (40.84 m) below TOC
Water elevation: 217.82 ft (66.39 m) msl

WELL MSB 35D

Sample date: 09/04/90 Time: 11:27
There was no water in the standpipe.

WELL MSB 35TA

Sample date: 09/04/90 Time: 11:22
Depth to water: 156.06 ft (47.57 m) below TOC
Water elevation: 194.34 ft (59.24 m) msl

WELL MSB 36A

Sample date: 09/04/90 Time: 10:50
Depth to water: 132.22 ft (40.30 m) below TOC
Water elevation: 208.38 ft (63.51 m) msl

WELL MSB 36B

Sample date: 09/04/90 Time: 10:52
Depth to water: 127.98 ft (39.01 m) below TOC
Water elevation: 212.72 ft (64.84 m) msl

WELL MSB 36C

Sample date: 09/04/90 Time: 10:54
Depth to water: 128.07 ft (39.04 m) below TOC
Water elevation: 212.73 ft (64.84 m) msl

WELL MSB 36D

Sample date: 09/04/90 Time: 10:55
There was no water in the standpipe.

WELL MSB 36TA

Sample date: 09/04/90 Time: 10:47
Depth to water: 150.43 ft (45.85 m) below TOC
Water elevation: 190.17 ft (57.96 m) msl

WELL MSB 37A

Sample date: 09/04/90 Time: 12:55
Depth to water: 181.11 ft (55.20 m) below TOC
Water elevation: 201.89 ft (61.57 m) msl

WELL MSB 37B

Sample date: 09/04/90 Time: 12:52
Depth to water: 166.48 ft (50.74 m) below TOC
Water elevation: 216.32 ft (65.94 m) msl

WELL MSB 37C

Sample date: 09/04/90 Time: 12:58
Depth to water: 156.96 ft (47.84 m) below TOC
Water elevation: 226.14 ft (68.93 m) msl

WELL MSB 37D

Sample date: 09/04/90 Time: 13:00
There was no water in the standpipe.

WELL MSB 37TA

Sample date: 09/04/90 Time: 12:49
Depth to water: 180.65 ft (55.06 m) below TOC
Water elevation: 201.75 ft (61.49 m) msl

WELL MSB 38B

Sample date: 09/05/90 Time: 9:37
Depth to water: 145.68 ft (44.40 m) below TOC
Water elevation: 210.92 ft (64.29 m) msl

WELL MSB 38C

Sample date: 09/05/90 Time: 9:34
Depth to water: 142.12 ft (43.32 m) below TOC
Water elevation: 214.18 ft (65.28 m) msl

WELL MSB 38D

Sample date: 09/05/90 Time: 9:33
There was no water in the standpipe.

WELL MSB 38TA

Sample date: 09/05/90 Time: 9:32
Depth to water: 166.30 ft (50.38 m) below TOC
Water elevation: 191.40 ft (58.34 m) msl

WELL MSB 39A

Sample date: 09/04/90 Time: 9:29
Depth to water: 134.17 ft (40.90 m) below TOC
Water elevation: 207.43 ft (63.23 m) msl

WELL MSB 39B

Sample date: 09/04/90 Time: 9:32
Depth to water: 131.18 ft (39.98 m) below TOC
Water elevation: 210.62 ft (64.20 m) msl

WELL MSB 39C

Sample date: 09/04/90 Time: 9:35
Depth to water: 127.55 ft (38.88 m) below TOC
Water elevation: 213.95 ft (65.21 m) msl

WELL MSB 39D

Sample date: 09/04/90 Time: 9:38
Depth to water: 112.21 ft (34.20 m) below TOC
Water elevation: 229.49 ft (69.95 m) msl

WELL MSB 39TA

Sample date: 09/04/90 Time: 9:26
Depth to water: 153.66 ft (46.81 m) below TOC
Water elevation: 188.24 ft (57.38 m) msl

WELL MSB 40A

Sample date: 09/04/90 Time: 9:46
Depth to water: 120.64 ft (36.77 m) below TOC
Water elevation: 200.66 ft (61.13 m) msl

WELL MSB 40B

Sample date: 09/04/90 Time: 9:48
Depth to water: 119.70 ft (36.48 m) below TOC
Water elevation: 202.00 ft (61.57 m) msl

WELL MSB 40C

Sample date: 09/04/90 Time: 9:51
There was no water in the standpipe.

WELL MSB 40D

Sample date: 09/04/90 Time: 9:53
There was no water in the standpipe.

WELL MSB 40TA

Sample date: 09/04/90 Time: 9:42
Depth to water: 134.83 ft (41.10 m) below TOC
Water elevation: 186.97 ft (56.98 m) msl

WELL MSB 41A

Sample date: 09/03/90 Time: 15:02
Depth to water: 109.48 ft (33.37 m) below TOC
Water elevation: 214.32 ft (65.33 m) msl

WELL MSB 41B

Sample date: 09/03/90 Time: 15:05
Depth to water: 109.48 ft (33.36 m) below TOC
Water elevation: 214.54 ft (65.39 m) msl

WELL MSB 41C

Sample date: 09/03/90 Time: 15:07
Depth to water: 109.82 ft (33.41 m) below TOC
Water elevation: 214.98 ft (65.53 m) msl

WELL MSB 41D

Sample date: 09/03/90 Time: 15:08
There was no water in the standpipe.

WELL MSB 41TA

Sample date: 09/03/90 Time: 14:57
Depth to water: 121.42 ft (37.01 m) below TOC
Water elevation: 202.28 ft (61.66 m) msl

WELL MSB 42A

Sample date: 09/04/90 Time: 12:38
Depth to water: 160.47 ft (48.91 m) below TOC
Water elevation: 216.13 ft (65.88 m) msl

WELL MSB 42B

Sample date: 09/04/90 Time: 12:41
Depth to water: 153.04 ft (46.65 m) below TOC
Water elevation: 223.46 ft (68.11 m) msl

WELL MSB 42C

Sample date: 09/04/90 Time: 12:42
There was no water in the standpipe.

WELL MSB 42D

Sample date: 09/04/90 Time: 12:44
There was no water in the standpipe.

WELL MSB 42TA

Sample date: 09/04/90 Time: 12:34
Depth to water: 176.92 ft (53.93 m) below TOC
Water elevation: 199.78 ft (60.89 m) msl

WELL MSB 43A

Sample date: 09/03/90 Time: 11:13
Depth to water: 130.20 ft (39.69 m) below TOC
Water elevation: 227.70 ft (69.40 m) msl

WELL MSB 43B

Sample date: 09/03/90 Time: 11:20
Depth to water: 130.12 ft (39.66 m) below TOC
Water elevation: 227.88 ft (69.46 m) msl

WELL MSB 43D

Sample date: 09/03/90 Time: 11:24
Depth to water: 128.04 ft (39.03 m) below TOC
Water elevation: 229.46 ft (69.94 m) msl

WELL MSB 43DD

Sample date: 09/03/90 Time: 11:33
Depth to water: 127.76 ft (38.94 m) below TOC
Water elevation: 230.34 ft (70.21 m) msl

WELL MSB 43TA

Sample date: 09/03/90 Time: 11:10
Depth to water: 158.70 ft (48.37 m) below TOC
Water elevation: 198.90 ft (60.63 m) msl

WELL MSB 44A

Sample date: 09/04/90 Time: 12:20
Depth to water: 162.02 ft (49.38 m) below TOC
Water elevation: 214.88 ft (65.50 m) msl

WELL MSB 44B

Sample date: 09/04/90 Time: 12:28
Depth to water: 154.64 ft (47.13 m) below TOC
Water elevation: 222.46 ft (67.81 m) msl

WELL MSB 44C

Sample date: 09/04/90 Time: 12:24
Depth to water: 144.83 ft (44.14 m) below TOC
Water elevation: 233.07 ft (71.04 m) msl

WELL MSB 45A

Sample date: 09/04/90 Time: 13:08
Depth to water: 167.90 ft (51.16 m) below TOC
Water elevation: 210.30 ft (65.01 m) msl

WELL MSB 45B

Sample date: 09/04/90 Time: 13:08
Depth to water: 157.66 ft (48.02 m) below TOC
Water elevation: 223.55 ft (68.14 m) msl

WELL MSB 45C

Sample date: 09/04/90 Time: 13:09
The well was dry.

WELL MSB 46A

Sample date: 09/04/90 Time: 12:08
Depth to water: 159.20 ft (48.52 m) below TOC
Water elevation: 213.50 ft (65.08 m) msl

WATER-LEVEL DATA

WELL MSB 46B

Sample date: 09/04/90 Time: 12:10
There was no water in the standpipe.

WELL MSB 46C

Sample date: 09/04/90 Time: 12:12
The well was dry.

WELL MSB 47B

Sample date: 09/05/90 Time: 9:02
Depth to water: 143.76 ft (43.82 m) below TOC
Water elevation: 226.24 ft (68.86 m) msl

WELL MSB 47BB

Sample date: 09/05/90 Time: 9:07
Depth to water: 152.48 ft (46.48 m) below TOC
Water elevation: 218.82 ft (66.03 m) msl

WELL MSB 47C

Sample date: 09/05/90 Time: 9:00
Depth to water: 138.47 ft (42.21 m) below TOC
Water elevation: 230.83 ft (70.36 m) msl

WELL MSB 47D

Sample date: 09/05/90 Time: 9:57
Depth to water: 137.33 ft (41.86 m) below TOC
Water elevation: 231.87 ft (70.67 m) msl

WELL MSB 47TA

Sample date: 09/05/90 Time: 9:04
Depth to water: 155.90 ft (47.52 m) below TOC
Water elevation: 213.10 ft (64.95 m) msl

WELL MSB 48A

Sample date: 09/04/90 Time: 14:19
Depth to water: 142.26 ft (43.36 m) below TOC
Water elevation: 219.94 ft (67.04 m) msl

WELL MSB 48B

Sample date: 09/04/90 Time: 14:21
Depth to water: 140.52 ft (42.83 m) below TOC
Water elevation: 221.38 ft (67.48 m) msl

WELL MSB 48C

Sample date: 09/04/90 Time: 14:14
Depth to water: 140.96 ft (42.96 m) below TOC
Water elevation: 221.96 ft (67.66 m) msl

WELL MSB 48D

Sample date: 09/04/90 Time: 14:22
There was no water in the standpipe.

WELL MSB 48TA

Sample date: 09/04/90 Time: 14:16
Depth to water: 142.79 ft (43.52 m) below TOC
Water elevation: 219.81 ft (66.94 m) msl

WELL MSB 49A

Sample date: 09/06/90 Time: 9:50
Depth to water: 140.84 ft (42.93 m) below TOC
Water elevation: 194.56 ft (59.30 m) msl

WELL MSB 49B

Sample date: 09/06/90 Time: 9:53
Depth to water: 134.49 ft (40.99 m) below TOC
Water elevation: 200.31 ft (61.06 m) msl

WELL MSB 49D

Sample date: 09/06/90 Time: 9:56
Depth to water: 110.55 ft (33.70 m) below TOC
Water elevation: 223.88 ft (68.17 m) msl

WELL MSB 50B

Sample date: 09/03/90 Time: 13:34
Depth to water: 22.26 ft (6.78 m) below TOC
Water elevation: 201.74 ft (61.49 m) msl

WELL MSB 50D

Sample date: 09/03/90 Time: 13:36
Depth to water: 21.62 ft (6.59 m) below TOC
Water elevation: 201.98 ft (61.56 m) msl

WELL MSB 51B

Sample date: 09/03/90 Time: 13:48
Depth to water: 60.00 ft (18.29 m) below TOC
Water elevation: 203.50 ft (62.03 m) msl

WELL MSB 51D

Sample date: 09/03/90 Time: 13:51
Depth to water: 53.83 ft (16.41 m) below TOC
Water elevation: 208.67 ft (63.60 m) msl

WELL MSB 52B

Sample date: 09/03/90 Time: 15:15
Depth to water: 105.41 ft (32.13 m) below TOC
Water elevation: 216.49 ft (65.99 m) msl

WELL MSB 52D

Sample date: 09/03/90 Time: 15:13
Depth to water: 86.27 ft (26.30 m) below TOC
Water elevation: 235.63 ft (71.79 m) msl

WELL MSB 53B

Sample date: 09/03/90 Time: 14:14
Depth to water: 125.36 ft (38.21 m) below TOC
Water elevation: 219.24 ft (66.83 m) msl

WELL MSB 53C

Sample date: 09/03/90 Time: 14:08
Depth to water: 126.31 ft (38.19 m) below TOC
Water elevation: 220.19 ft (67.11 m) msl

WELL MSB 53D

Sample date: 09/03/90 Time: 14:12
Depth to water: 114.20 ft (34.81 m) below TOC
Water elevation: 230.90 ft (70.38 m) msl

WELL MSB 54B

Sample date: 09/04/90 Time: 14:48
Depth to water: 154.31 ft (47.03 m) below TOC
Water elevation: 219.39 ft (66.87 m) msl

WELL MSB 54C

Sample date: 09/04/90 Time: 14:43
Depth to water: 149.31 ft (45.51 m) below TOC
Water elevation: 224.39 ft (68.39 m) msl

WELL MSB 54D

Sample date: 09/04/90 Time: 14:54
There was no water in the standpipe.

WELL MSB 54TA

Sample date: 09/04/90 Time: 14:52
Depth to water: 157.21 ft (47.92 m) below TOC
Water elevation: 216.69 ft (66.02 m) msl

WELL MSB 55B

Sample date: 09/04/90 Time: 15:09
Depth to water: 149.86 ft (45.68 m) below TOC
Water elevation: 219.04 ft (66.76 m) msl

WELL MSB 55C

Sample date: 09/04/90 Time: 15:15
Depth to water: 142.13 ft (43.32 m) below TOC
Water elevation: 227.37 ft (69.30 m) msl

WELL MSB 55D

Sample date: 09/04/90 Time: 15:06
There was no water in the standpipe.

WELL MSB 55HC

Sample date: 09/04/90 Time: 15:07
Depth to water: 137.94 ft (42.04 m) below TOC
Water elevation: 230.86 ft (70.37 m) msl

WELL MSB 55TA

Sample date: 09/04/90 Time: 15:12
Depth to water: 158.14 ft (48.20 m) below TOC
Water elevation: 210.66 ft (64.21 m) msl

WELL MSB 56D

Sample date: 09/04/90 Time: 15:28
Depth to water: 60.24 ft (18.36 m) below TOC
Water elevation: 219.66 ft (66.92 m) msl

WELL MSB 61C

Sample date: 09/03/90 Time: 14:28
Depth to water: 97.04 ft (29.58 m) below TOC
Water elevation: 220.66 ft (67.23 m) msl

WELL MSB 61D

Sample date: 09/03/90 Time: 14:23
Depth to water: 95.78 ft (29.19 m) below TOC
Water elevation: 222.32 ft (67.76 m) msl

WELL MSB 63B

Sample date: 09/05/90 Time: 8:48
Depth to water: 139.62 ft (42.56 m) below TOC
Water elevation: 207.33 ft (63.19 m) msl

WELL MSB 63C

Sample date: 09/05/90 Time: 8:52
Depth to water: 128.80 ft (39.26 m) below TOC
Water elevation: 218.30 ft (66.54 m) msl

WELL MSB 64B

Sample date: 09/06/90 Time: 10:40
Depth to water: 143.13 ft (43.63 m) below TOC
Water elevation: 206.57 ft (62.66 m) msl

WELL MSB 64C

Sample date: 09/06/90 Time: 10:43
Depth to water: 128.38 ft (39.13 m) below TOC
Water elevation: 220.32 ft (67.16 m) msl

WELL MSB 65D

Sample date: 09/05/90 Time: 9:42
Depth to water: 117.95 ft (35.95 m) below TOC
Water elevation: 231.58 ft (70.58 m) msl

WELL MSB 66B

Sample date: 09/05/90 Time: 9:19
Depth to water: 167.48 ft (51.05 m) below TOC
Water elevation: 216.02 ft (65.84 m) msl

WELL MSB 66C

Sample date: 09/05/90 Time: 9:14
Depth to water: 156.78 ft (47.79 m) below TOC
Water elevation: 226.72 ft (69.11 m) msl

WELL MSB 66D

Sample date: 09/05/90 Time: 9:16
Depth to water: 153.93 ft (46.92 m) below TOC
Water elevation: 229.37 ft (69.91 m) msl

WELL MSB 66TA

Sample date: 09/05/90 Time: 9:22
Depth to water: 182.55 ft (55.64 m) below TOC
Water elevation: 200.25 ft (61.04 m) msl

WELL MSB 67B

Sample date: 09/05/90 Time: 8:24
Depth to water: 149.80 ft (45.66 m) below TOC
Water elevation: 215.30 ft (65.62 m) msl

WELL MSB 67C

Sample date: 09/05/90 Time: 8:20
Depth to water: 139.24 ft (42.44 m) below TOC
Water elevation: 225.66 ft (68.75 m) msl

WELL MSB 67D

Sample date: 09/05/90 Time: 8:17
Depth to water: 134.08 ft (40.86 m) below TOC
Water elevation: 230.84 ft (70.39 m) msl

WELL MSB 68B

Sample date: 09/05/90 Time: 8:06
Depth to water: 140.97 ft (42.94 m) below TOC
Water elevation: 216.03 ft (65.85 m) msl

WATER-LEVEL DATA

WELL MSB 68C

Sample date: 09/05/90 Time: 8:02
Depth to water: 132.23 ft (40.30 m) below TOC
Water elevation: 224.47 ft (68.42 m) msl

WELL MSB 68D

Sample date: 09/05/90 Time: 8:09
Depth to water: 125.58 ft (38.28 m) below TOC
Water elevation: 231.42 ft (70.54 m) msl

WELL MSB 69B

Sample date: 09/05/90 Time: 8:43
Depth to water: 163.81 ft (49.93 m) below TOC
Water elevation: 217.88 ft (66.41 m) msl

WELL MSB 69C

Sample date: 09/05/90 Time: 8:46
Depth to water: 156.07 ft (47.57 m) below TOC
Water elevation: 225.73 ft (68.80 m) msl

WELL MSB 69D

Sample date: 09/05/90 Time: 8:49
Depth to water: 150.77 ft (45.96 m) below TOC
Water elevation: 231.43 ft (70.54 m) msl

WELL MSB 69TA

Sample date: 09/05/90 Time: 8:41
Depth to water: 168.88 ft (51.78 m) below TOC
Water elevation: 211.62 ft (64.50 m) msl

WELL MSB 70C

Sample date: 09/05/90 Time: 15:44
Depth to water: 147.36 ft (44.92 m) below TOC
Water elevation: 214.84 ft (65.48 m) msl

WELL MSB 71B

Sample date: 09/05/90 Time: 13:10
Depth to water: 130.44 ft (39.76 m) below TOC
Water elevation: 214.66 ft (65.43 m) msl

WELL MSB 72B

Sample date: 09/04/90 Time: 9:58
Depth to water: 130.82 ft (39.90 m) below TOC
Water elevation: 197.31 ft (60.14 m) msl

WELL MSB 73B

Sample date: 09/06/90 Time: 9:45
Depth to water: 141.58 ft (43.15 m) below TOC
Water elevation: 198.82 ft (60.60 m) msl

WELL MSB 74B

Sample date: 09/04/90 Time: 10:19
Depth to water: 106.32 ft (32.10 m) below TOC
Water elevation: 209.18 ft (63.76 m) msl

WELL MSB 74C

Sample date: 09/04/90 Time: 10:21
Depth to water: 105.81 ft (32.25 m) below TOC
Water elevation: 209.19 ft (63.76 m) msl

WELL MSB 74D

Sample date: 09/04/90 Time: 10:23
Depth to water: 84.36 ft (25.71 m) below TOC
Water elevation: 230.74 ft (70.33 m) msl

WELL MSB 75B

Sample date: 09/04/90 Time: 10:06
Depth to water: 118.64 ft (36.16 m) below TOC
Water elevation: 208.06 ft (63.42 m) msl

WELL MSB 75C

Sample date: 09/04/90 Time: 10:02
Depth to water: 119.66 ft (36.53 m) below TOC
Water elevation: 207.64 ft (63.29 m) msl

WELL MSB 76C

Sample date: 09/05/90 Time: 13:03
Depth to water: 134.40 ft (40.97 m) below TOC
Water elevation: 218.40 ft (66.57 m) msl

WELL MSB 79B

Sample date: 09/04/90 Time: 9:15
Depth to water: 143.04 ft (43.60 m) below TOC
Water elevation: 204.96 ft (62.47 m) msl

WELL MSB 79C

Sample date: 09/04/90 Time: 9:19
Depth to water: 140.35 ft (42.78 m) below TOC
Water elevation: 207.45 ft (63.23 m) msl

WELL MSB 82C

Sample date: 09/04/90 Time: 15:20
Depth to water: 147.27 ft (44.89 m) below TOC
Water elevation: 226.73 ft (69.11 m) msl

WELL MSB 83C

Sample date: 09/04/90 Time: 14:57
Depth to water: 145.89 ft (44.47 m) below TOC
Water elevation: 226.21 ft (68.95 m) msl

WELL MSB 84C

Sample date: 09/04/90 Time: 15:01
Depth to water: 134.31 ft (40.94 m) below TOC
Water elevation: 227.69 ft (69.40 m) msl

WELL MSB 85B

Sample date: 09/04/90 Time: 14:34
Depth to water: 161.90 ft (49.35 m) below TOC
Water elevation: 218.90 ft (66.72 m) msl

WELL MSB 85C

Sample date: 09/04/90 Time: 14:40
Depth to water: 158.93 ft (48.44 m) below TOC
Water elevation: 222.47 ft (67.81 m) msl

WELL MSB 85TA

Sample date: 09/04/90 Time: 14:37
Depth to water: 162.53 ft (49.54 m) below TOC
Water elevation: 218.47 ft (66.59 m) msl

WELL MSB 86C

Sample date: 09/04/90 Time: 14:27
Depth to water: 135.42 ft (41.28 m) below TOC
Water elevation: 221.98 ft (67.67 m) msl

WELL RWM 7

Sample date: 07/02/90 Time: 10:58
Depth to water: 128.39 ft (39.13 m) below TOC
Water elevation: 220.61 ft (67.24 m) msl

WELL SLW 1

Sample date: 09/26/90 Time: 15:30
Depth to water: 136.57 ft (41.63 m) below TOC
Water elevation: 167.53 ft (51.06 m) msl

WELL SLW 2

Sample date: 09/26/90 Time: 16:16
Depth to water: 125.28 ft (38.19 m) below TOC
Water elevation: 178.32 ft (54.66 m) msl

WELL SLW 3

Sample date: 09/26/90 Time: 16:09
Depth to water: 93.77 ft (28.58 m) below TOC
Water elevation: 184.93 ft (56.37 m) msl

WELL SLW 4

Sample date: 09/26/90 Time: 15:36
Depth to water: 107.59 ft (32.79 m) below TOC
Water elevation: 193.11 ft (58.86 m) msl

WELL SLW 5

Sample date: 09/26/90 Time: 15:48
Depth to water: 49.87 ft (15.20 m) below TOC
Water elevation: 192.13 ft (58.56 m) msl

WELL SLW 6

Sample date: 09/26/90 Time: 15:42
Depth to water: 54.75 ft (16.69 m) below TOC
Water elevation: 196.75 ft (59.97 m) msl

WELL SLW 7

Sample date: 09/26/90 Time: 15:56
Depth to water: 62.78 ft (19.14 m) below TOC
Water elevation: 168.32 ft (51.30 m) msl

WELL SLW 8

Sample date: 09/26/90 Time: 16:03
Depth to water: 64.24 ft (19.58 m) below TOC
Water elevation: 193.26 ft (58.91 m) msl

WELL SRW 1

Sample date: 09/05/90 Time: 14:15
There was no water in the standpipe.

WELL SRW 2

Sample date: 09/05/90 Time: 14:07
Depth to water: 109.01 ft (33.23 m) below TOC
Water elevation: 211.59 ft (64.49 m) msl

WELL SRW 2A

Sample date: 09/05/90 Time: 14:10
Depth to water: 117.18 ft (35.72 m) below TOC
Water elevation: 203.42 ft (62.00 m) msl

WELL SRW 2B

Sample date: 09/05/90 Time: 14:13
Depth to water: 116.00 ft (35.36 m) below TOC
Water elevation: 204.60 ft (62.36 m) msl

WELL SRW 3A

Sample date: 09/05/90 Time: 14:02
Depth to water: 121.61 ft (37.07 m) below TOC
Water elevation: 210.49 ft (64.16 m) msl

WELL SRW 4

Sample date: 09/05/90 Time: 14:44
There was no water in the standpipe.

WELL SRW 5

Sample date: 09/05/90 Time: 14:41
Depth to water: 101.03 ft (30.79 m) below TOC
Water elevation: 208.37 ft (63.51 m) msl

WELL SRW 6

Sample date: 09/05/90 Time: 14:19
Depth to water: 98.69 ft (30.08 m) below TOC
Water elevation: 209.01 ft (63.71 m) msl

WELL SRW 7

Sample date: 09/05/90 Time: 14:35
Depth to water: 90.38 ft (27.55 m) below TOC
Water elevation: 208.72 ft (63.62 m) msl

WELL SRW 8

Sample date: 09/05/90 Time: 15:12
Depth to water: 82.29 ft (25.08 m) below TOC
Water elevation: 206.81 ft (62.73 m) msl

WELL SRW 9

Sample date: 09/05/90 Time: 15:28
Depth to water: 57.76 ft (17.61 m) below TOC
Water elevation: 196.64 ft (59.63 m) msl

WELL SRW 9A

Sample date: 09/05/90 Time: 15:26
Depth to water: 58.03 ft (17.69 m) below TOC
Water elevation: 196.27 ft (59.52 m) msl

WELL SRW 9B

Sample date: 09/05/90 Time: 15:24
Depth to water: 56.92 ft (17.35 m) below TOC
Water elevation: 196.48 ft (59.89 m) msl

WELL SRW 10

Sample date: 09/05/90 Time: 14:38
There was no water in the standpipe.

WATER-LEVEL DATA

WELL SRW 11

Sample date: 09/05/90 Time: 14:25
Depth to water: 87.44 ft (26.65 m) below TOC
Water elevation: 208.36 ft (63.51 m) msl

WELL SRW 12A

Sample date: 09/05/90 Time: 15:21
Depth to water: 45.76 ft (13.95 m) below TOC
Water elevation: 190.54 ft (58.08 m) msl

WELL SRW 12B

Sample date: 09/05/90 Time: 15:16
Depth to water: 51.25 ft (15.62 m) below TOC
Water elevation: 185.05 ft (56.40 m) msl

WELL SRW 12C

Sample date: 09/05/90 Time: 15:19
Depth to water: 44.37 ft (13.52 m) below TOC
Water elevation: 191.93 ft (58.50 m) msl

WELL SRW 13A

Sample date: 09/05/90 Time: 15:00
Depth to water: 99.62 ft (30.36 m) below TOC
Water elevation: 198.08 ft (60.38 m) msl

WELL SRW 13B

Sample date: 09/05/90 Time: 15:04
Depth to water: 97.67 ft (29.77 m) below TOC
Water elevation: 200.03 ft (60.97 m) msl

WELL SRW 13C

Sample date: 09/05/90 Time: 15:07
Depth to water: 91.25 ft (27.81 m) below TOC
Water elevation: 206.45 ft (62.93 m) msl

WELL SRW 14A

Sample date: 09/05/90 Time: 14:50
Depth to water: 126.80 ft (38.65 m) below TOC
Water elevation: 200.20 ft (61.02 m) msl

WELL SRW 14B

Sample date: 09/05/90 Time: 14:54
Depth to water: 124.86 ft (38.06 m) below TOC
Water elevation: 202.04 ft (61.58 m) msl

WELL SRW 14C

Sample date: 09/05/90 Time: 14:46
There was no water in the standpipe.

WELL SRW 15A

Sample date: 09/05/90 Time: 13:50
Depth to water: 112.98 ft (34.44 m) below TOC
Water elevation: 206.12 ft (62.83 m) msl

WELL SRW 15B

Sample date: 09/05/90 Time: 13:56
Depth to water: 112.59 ft (34.32 m) below TOC
Water elevation: 206.51 ft (62.95 m) msl

WELL SRW 15C

Sample date: 09/05/90 Time: 13:54
Depth to water: 109.33 ft (33.32 m) below TOC
Water elevation: 209.77 ft (63.94 m) msl

WELL SRW 16A

Sample date: 090/05/90 Time: 13:19
Depth to water: 135.89 ft (41.42 m) below TOC
Water elevation: 210.91 ft (64.29 m) msl

WELL SRW 16B

Sample date: 09/05/90 Time: 13:26
Depth to water: 135.17 ft (41.20 m) below TOC
Water elevation: 211.63 ft (64.51 m) msl

WELL SRW 16C

Sample date: 09/05/90 Time: 13:22
Depth to water: 134.27 ft (40.93 m) below TOC
Water elevation: 212.33 ft (64.72 m) msl

WELL YSC 1D

Sample date: 09/21/90 Time: 16:41
The well was dry.

WELL YSC 4A

Sample date: 09/21/90 Time: 16:24
Depth to water: 116.19 ft (35.42 m) below TOC
Water elevation: 174.01 ft (53.04 m) msl

SITE INDEX BY WELL SERIES

Well Series	Site
A	Swamp Area Southeast of H-Area Seepage Basins
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
ASP	Z Area
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
BH	S-Area Defense Waste Processing Facility (DWPF) Boreholes and Piezometers
BRD	Road A Chemical Basin (Baxley Road)
BRR	Burma Road Rubble Pit
BTP	Bentonite Test Pit Wells, Across From the Entrance to the Burial Grounds on Road E
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
DRB	Deep Rock Borings
F	F-Area Seepage Basins
FAC	F-Area Acid/Caustic Basin

SITE INDEX BY WELL SERIES

Well Series	Site
FAL	F-Area A Line
FBP	F-Area Burning/Rubble Pits
FC	F-Area Hydrology Cluster
FCA	F-Area Canyon Building
FCB	F-Area Coal Pile Runoff Containment Basin
FET	F-Area Effluent Treatment Cooling Water Basin
FMC	F-Area Seepage Basins Vertical Radionuclide Distribution Wells
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
GCD	Burial Grounds
H-Area Well	H Area
H	H-Area Seepage Basins
HAC	H-Area Acid/Caustic Basin
HAP	H-Area Auxiliary Pump Pit
HC	H-Area Hydrology Cluster
HCA	H-Area Canyon Building
HCB	H-Area Coal Pile Runoff Containment Basin
HCC	H-Area Canyon Building
HET	H-Area Effluent Treatment Cooling Water Basin
HP	Upper Tank Farm
HPM	Upper and Lower Tank Farm
HPT	Aquifer Characterization Test Wells in H Area Between the Burial Grounds and Road 4
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 Well	Mixed Waste Mangement Facility (MWMF) Borrow Pit
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
KRB	K-Area Retention Basin
KRP	K-Area Burning/Rubble Pit

SITE INDEX BY WELL SERIES

Well Series	Site
KSB	K-Area Reactor Seepage Basin
KSS	K-Area Sludge Land Application Site
LAC	L-Area Acid/Caustic Basin
LAW	L-Area Research Wells
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
MGI	Series I, Monitoring Grid Wells for Burial Grounds
MHT	Savannah River Laboratory (SRL) Monitoring Wells for the Horizontal Well Characterization Study in M Area
MHV	Vapor Probe Wells for the Horizontal Well Characterization Study for M Area
MSB	M-Area Hazardous Waste Management Facility (HWMF) M-Area Plume Definition Wells
MVC	M-Area Vadose Zone Vapor Probes
MVE	M-Area Vadose Zone Vapor Extraction Wells
MWD	Hazardous Waste/Mixed Waste Disposal Facility
NBG	Wells Between the F-Area Canyon Building and the Naval Fuel Material Facility
NPM	Preliminary Hydrogeologic Evaluation of Potential New Production Reactor Site Characterization Wells
NPN	Preliminary Hydrogeologic Evaluation of Potential New Production Reactor Site Characterization Wells
NTN	Preliminary Hydrogeologic Evaluation of Potential New Production Reactor Site Characterization Wells
NTS	Preliminary Hydrogeologic Evaluation of Potential New Production Reactor Site Characterization Wells
NTW	Preliminary Hydrogeologic Evaluation of Potential New Production Reactor Site Characterization Wells
OBS	Z Area
P	TNX-Area Background Wells TNX-Area Pump Test Wells for the Congaree Formation (P 26AP) and for the Water Table (P 26DP)
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

SITE INDEX BY WELL SERIES

Well Series	Site
PW	Z Area
PZ	Z-Area Piezometer Wells
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
RSS	S-Area Defense Waste Processing Facility (DWPF)
RSW	Series DW, R-Area Reactor Seepage Basins Dry Monitoring Wells
RWM	M-Area Recovery Wells (also used for plume definition)
S Well	S Area
SB	Special Burial Wells in the Burial Grounds
SBG	S-Area Background Wells
SCA	S-Area Vitrification Building
SDS	Z-Area Saltstone Disposal Site Facility
SLP	S-Area Low Point Pump Pit
SLW	New Sanitary Landfill Piezometer Wells
SRW	Silverton Road Waste Site
SSS	Sewage Sludge Application Sites
TBG	TNX Burying Ground
TNX	TNX-Area Assessment Wells
TW	Upper Tank Farm
WW	Burial Grounds Expansion Wells
XSB	Old TNX Seepage Basin
YSB	New TNX Seepage Basin
YSC	Y-Area Waste Solidification and Disposal Facility
Z Well	Z Area
Z	F Area
	H Area
ZBG	Z-Area Background Wells
ZDT	Z-Area Low Point Drain Tank
ZW	F Area
	H Area
241-F	F-Area Tank Farm
241-H	H-Area Tank Farm, Between Tanks 9 and 11

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 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.

auger method. Drilling accomplished by the rotary action of screw-type edges forced into the earth by downward pressure.

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).

GLOSSARY

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.

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

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.

CH_2M Hill. An oversight group from Atlanta, GA.

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 1990 Sampling Schedule*, ESH-EMS-90-0199, for a complete list of constituents.

continuous wireline coring. A soil sampling procedure using the mud rotary method in which a double-tube assembly is used to advance the hole, with the sample-bearing inner tube being periodically withdrawn by wireline (a steel cable and latching mechanism).

CMP. Chemicals, metals, and pesticides.

C.S. Carbon steel; a material used for well casings.

CSWE RFI/RI Program. Central Shops Works Engineering RCRA Facility Investigation/ Remedial Investigation Program.

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.

DOE. United States Department of Energy.

DPSOP. DuPont Standard Operating Procedure; used in numbering documents and forms generated during E. I. DuPont 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., 3.4E3 = 3.4×10^3 = 3400.

EID. Environmental Information Document.

EIS. Environmental Impact Statement.

EM. EPD/EMS Laboratory at SRS.

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

EMTC. Environmental Monitoring and Testing Corporation of New Ellenton, SC.

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. An analysis performed to determine activities of gamma-emitting radionuclides. See "Explanation of Analyses" in *The Savannah River Site's Groundwater Monitoring Program 1990 Sampling Schedule*, ESH-EMS-90-0199, 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 1990 Sampling Schedule*, ESH-EMS-90-0199, 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 1990 Sampling Schedule*, ESH-EMS-90-0199, for the complete list of constituents.

GE. General Engineering Laboratories.

GEGS. Graves Environmental and Geotechnical Services, Inc., of Jackson, SC.

Ge-Hy. Ge-Hy Sampling of New Ellenton, SC.

General Engineering. General Engineering Laboratories of Charleston, SC.

GLOSSARY

geophysical logging. Process of acquiring the geophysical characteristics (naturally occurring gamma radiation emission, electrical resistance, seismic properties, etc.) of lithostratigraphic units within wells for correlation and facies modeling.

gpm. Gallons per minute.

grab sample. A sample collected by lowering a glass or plastic bottle below the water surface to collect surface water samples. Grab samples are also called dip samples.

grout. Fluid mixture of cement and water or a mixture of cement, sand, and water used to hold the well casing in place within a borehole and prevent caving and fluid migration between strata; also used to plug abandoned wells.

herbicides/pesticides. Suite of analyses comprised 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.

hollow stem augering. A drilling method in which augers with hollow stems are used to facilitate sample collection. This method is used to drill in unconsolidated materials to depths less than 150 ft and prevents sloughing while collecting soil samples.

HWMF. Hazardous Waste Management Facility.

hydropunch. A sampling device for collecting chemically representative groundwater samples without the installation, development, and sampling of a groundwater monitoring well.

interlaboratory. 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 conducted within a single laboratory.

IWP. Industrial Waste Permit.

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).

lithology. The physical character of a rock, generally as determined megascopically or with the aid of a low-power magnifier.

LT. Less than.

MA. M Area; used in the analytical data tables to refer to M-Area Laboratory at SRS.

major ions. A group of analyses performed in the EPD/EMS Groundwater Monitoring Program. The ions include calcium, carbonate/bicarbonate, magnesium, potassium, and silica.

metaTRACE. metaTRACE, Inc., of St. Louis, MO.

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.

MT. metaTRACE, Inc.

MTC. Monitor Testing Corporation, now Environmental Monitoring and Testing Corporation.

MWMF. Mixed Waste Management Facility.

mud rotary method. The drilling method in which drilling fluid (mud) is pumped down the drill rods and through the bit and circulated back to the surface carrying drill cuttings through an annular space between the rods and the wall of the borehole. The mud stabilizes the borehole and allows cuttings to be brought to the surface.

ng/L. Nanograms per liter.

NRDC. Natural Resources Defense Council.

NTU. Nephelometric turbidity units.

PCB. Polychlorinated biphenyl.

pCi. Picocurie.

pCi/mL. Picocuries per milliliter.

pCi/L. Picocuries per liter.

pellets (bentonite). Dried, compressed pellets of bentonite clay. The clay, which when hydrated expands to several times its dry volume, is used to form impermeable seals at the top of well screen zones, preventing the contamination of a well in a specific aquifer by water from overlying aquifers.

pH. pH units.

piezometer. Well used to measure the potentiometric surface of the groundwater.

plume. An 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.

PVC. Polyvinyl chloride.

QA. Quality assurance.

R. Replicate analysis.

radioisotopes. 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 emmission 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.

SCHWMR. South Carolina Hazardous Waste Management Regulations.

screen zone. In well construction, the section of a formation that contains the screen, or perforated pipe that allows water to enter the well.

SEC. Sirrine Environmental Consultants of Greenville, SC.

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 offsite.

site custodian. WSRC employee responsible for the site monitored.

SMC. Surveying and Mapping Consultants of Tigerville, SC.

split-spoon sampling. A sampling technique in which a two-piece hollow barrel is driven into the bottom of the borehole in specified intervals by dropping a weight on the drill rods and retrieving the samples.

SRL. Savannah River Laboratory at SRS.

SRP. Savannah River Plant, now Savannah River Site.

SRS. Savannah River Site.

S.S. Stainless steel; a material used for well casings.

tank farm. An installation of interconnected underground tanks for storage of high-level radioactive liquid wastes.

TE. Teledyne Isotopes.

Teledyne. Teledyne Isotopes of Westwood, NJ; a laboratory that conducts radionuclide analyses.

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.

vadose zone. Unsaturated zone located above the water table.

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.

wash cuttings. Samples of geological material collected from the stream of drill fluid flowing out of a borehole during rotary drilling (see mud rotary method).

WEGS. Westinghouse Environmental and Geotechnical Services of Columbia, SC.

well volume. Volume of water standing inside the well casing.

WSRC. Westinghouse Savannah River Company.

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