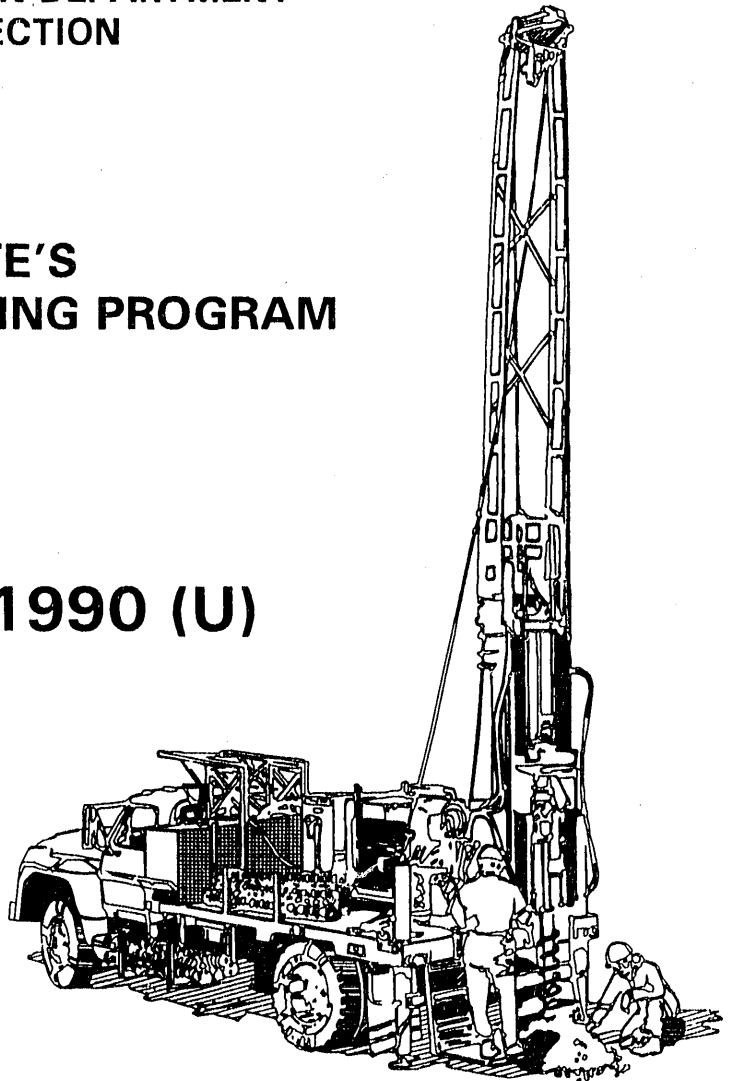


ESH-EMS-900132

THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

THE SAVANNAH RIVER SITE'S
GROUNDWATER MONITORING PROGRAM

SECOND QUARTER 1990 (U)



Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808



SAVANNAH RIVER SITE

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SECOND QUARTER 1990 (U)

Environmental Protection Department
Westinghouse Savannah River Company
Aiken, SC

ar.d

Exploration Resources, Inc.
Athens, GA

Publication Date: February 7, 1991

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808



SAVANNAH RIVER SITE

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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 second quarter 1990 (April through June) 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 second quarter is presented in the **Flagging Criteria** section of this document.

All analytical results from second quarter 1990 are listed in this report, which is distributed to all site custodians. One or more analytes exceeded Flag 2 in 71 monitoring well series. Analytes exceeded Flag 2 for the first time since 1984 in 19 monitoring well series.

Those sites with constituents in the groundwater above Flag 2 in second 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, field specific conductance and pH data exceeding Flag 2 are used to generate this table. (In quarterly reports prior to the Third Quarter 1988 Report, the table was generated using only laboratory specific conductance and pH data.)

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 (5.89 pCi/L on 5/15/90), 221F Building (5.22 pCi/L on 6/12/90), 241-24H (6.78 pCi/L on 6/1/90), and 701-1H Building (5.09 pCi/L on 6/12/90).

EXECUTIVE SUMMARY

Table 1. Analytes Above Flag 2 Criteria

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria Second Quarter 1990</u>
100 AREAS		
<i>C Area</i>		
C-Area Burning/Rubble Pit	CRP	Chromium, lead, pH, total organic halogens, trichloroethylene
C-Area Reactor Seepage Basins	CSB	pH, trichloroethylene, tritium
<i>K Area</i>		
K-Area Acid/Caustic Basin	KAC	Iron, manganese, lead, sulfate, total radium
K-Area Burning/Rubble Pit	KRP	Tetrachloroethylene, trichloroethylene
K-Area Disassembly Basin	KDB	Tetrachloroethylene, trichloroethylene, tritium
K-Area Reactor Seepage Basin	KSB	Tetrachloroethylene, trichloroethylene, tritium
K-Area Diesel Tank	KDT	Manganese, tritium
<i>L Area</i>		
L-Area Acid/Caustic Basin	LAC	pH, tetrachloroethylene, trichloroethylene
L-Area Burning/Rubble Pit	LRP	Tetrachloroethylene, trichloroethylene
L-Area Disassembly Basin	LDB	Tetrachloroethylene
L-Area Oil and Chemical Basin	LCO	pH, tetrachloroethylene, trichloroethylene, tritium
L-Area Reactor Seepage Basin	LSB	Lead, tritium
<i>P Area</i>		
P-Area Acid/Caustic Basin	PAC	Gross alpha, iron, manganese, sulfate, total radium, total organic halogens
P-Area Burning/Rubble Pit	PRP	Carbon tetrachloride, lead, tetrachloroethylene, trichloroethylene, tritium

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria Second Quarter 1990</u>
100 AREAS (cont.)		
<i>P Area (cont.)</i>		
P-Area Coal Pile Runoff Containment Basin	PCB	Lead
P-Area Disassembly Basin	PDB	Tritium
P-Area Reactor Seepage Basins	PSB	Chromium , lead, tritium
<i>R Area</i>		
R-Area Disassembly Basin	RDB	Iron, manganese, tritium
Series B, R-Area Reactor Seepage Basins	RSB	Gross alpha, cadmium, chromium, lead, nonvolatile beta
Series D, Between R-Area Reactor Seepage Basins and R-Area Disassembly Basin	RSD	Cadmium , nonvolatile beta
Series E, R-Area Reactor Seepage Basins	RSE	Gross alpha, cadmium , nonvolatile beta, total radium, total organic halogens
Series F, R-Area Reactor Seepage Basins	RSF	pH
200 AREAS		
<i>F Area</i>		
Burma Road Rubble Pit	BRR	Chromium, iron, manganese, total organic halogens, tritium
F-Area Acid/Caustic Basin	FAC	Mercury, manganese, pH, total organic carbon , total radium
F-Area A Line	FAL	Trichloroethylene
F-Area Canyon Building	FCA	Gross alpha, nonvolatile beta, pH, strontium-89/90, total radium, trichloroethylene, tritium

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria Second Quarter 1990</u>
200 AREAS (cont.)		
<i>F Area (cont.)</i>		
F-Area Seepage Basins	F	Gross alpha, nonvolatile beta, tritium
F-Area Seepage Basins	FSB	Gross alpha, barium, cadmium, cesium-137, chromium, copper, iron, lead, mercury, manganese, nitrate as nitrogen, nonvolatile beta, pH, selenium, silver, tetrachloroethylene, total radium, trichloroethylene, tritium
F-Area Sludge Land Application Site	FSS	pH
F-Area Tank Farm	FTF	Gross alpha, nonvolatile beta, pH
Old F-Area Seepage Basin	FNB	Gross alpha, manganese, nitrate as nitrogen, nonvolatile beta, total radium
Wells Between the F-Area Canyon Building and the Naval Fuel Material Facility	NBG	Total radium , trichloroethylene, tritium
<i>H Area</i>		
H-Area Acid/Caustic Basin	HAC	Iron, lead , manganese, sulfate, tritium
H-Area Coal Pile Runoff Containment Basin	HCB	pH
H-Area Retention Basin	HR8	Tritium
H-Area Seepage Basins	H	Gross alpha, nonvolatile beta, tritium
H-Area Seepage Basins	HSB	Aluminum, arsenic, cadmium, chromium, cobalt-60, copper, gross alpha, iron, lead, manganese, mercury, nitrate as nitrogen, nonvolatile beta, pH, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
H-Area Tank Farm	HTF	Gross alpha, nonvolatile beta, tritium
Old H-Area Retention Basin	HR3	Tritium

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria Second Quarter 1990</u>
200 AREAS (cont.)		
<i>S Area</i>		
S-Area Background Wells	SBG	Tritium
S-Area Vitrification Building	SCA	Manganese
<i>Y Area</i>		
Y-Area Waste Solidification and Disposal Facility	YSC	Iron, pH, total radium
<i>Z Area</i>		
Z-Area Background Wells	ZBG	Lead
300/700 AREAS		
A-Area Burning/Rubble Pits	ARP	Tetrachloroethylene, trichloroethylene
A-Area Cluster Perimeter Wells and M-Area Plume Definition Wells	AC	pH, tetrachloroethylene , trichloroethylene
A-Area Coal Pile Runoff Containment Basin	ACB	Trichloroethylene
A-Area Metals Burning Pit	ABP	Nonvolatile beta , pH, tetrachloroethylene, total radium, total organic halogens, trichloroethylene
M-Area Hazardous Waste Management Facility (HWMF) and Plume Definition Wells	MSB	Aluminum, cadmium, chromium, lead, mercury, nitrate as nitrogen, pH, tetrachloroethylene, total radium, trichloroethylene, zinc
M-Area Recovery Wells (also used for plume definition)	RWM	Carbon tetrachloride, nitrate as nitrogen, tetrachloroethylene, trichloroethylene
Metallurgical Laboratory Seepage Basin	AMB	Carbon tetrachloride, iron, manganese, pH, tetrachloroethylene, total organic halogens, total radium, trichloroethylene

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria Second Quarter 1990</u>
300/700 AREAS (cont.)		
Miscellaneous Chemical Basin	MCB	Barium , lead, nonvolatile beta, pH, tetrachloroethylene, total organic halogens, total radium, trichloroethylene
Motor Shop Oil Basin	AOB	Tetrachloroethylene, trichloroethylene
Savannah River Laboratory (SRL) Seepage Basins	ASB	pH, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
Silverton Road Waste Site	SRW	Trichloroethylene
400 AREA		
D-Area Coal Pile Runoff Containment Basin and Ash Basins	DCB	pH
600 AREAS		
<i>Burial Grounds</i>		
Burial Grounds	BG	Cadmium , gross alpha, lead, mercury , manganese, nonvolatile beta, tritium
Burial Grounds Perimeter Wells	BGO	Carbon tetrachloride, chloroform, endrin, gross alpha, lead, manganese, nonvolatile beta, pH, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
Series C, Monitoring Grid Wells for Burial Grounds	MGC	Tritium
Series E, Monitoring Grid Wells for Burial Grounds	MGE	Gross alpha, nonvolatile beta, tritium
<i>Central Shops</i>		
Central Shops Burning/Rubble Pit South of the Ford Building Seepage Basin	CBR	Chromium
Central Shops Diesel Spill Characterization and Remediation Wells	CSD	Iron, mercury, pH, tetrachloroethylene, total organic halogens, trichloroethylene

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria Second Quarter 1990</u>
600 AREAS (cont.)		
<i>General</i>		
Chemicals, Metals, and Pesticides (CMP) Pits	CMP	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, lead , pH
Interim Waste Technology Site Characterization Wells, Site Q	IDQ	Aluminum, iron, manganese, pH
Sanitary Landfill	LFW	Gross alpha, arsenic, chromium, tetrachloroethylene, total radium, total organic halogens, trichloroethylene, tritium
<i>TNX</i>		
New TNX Seepage Basin	YSB	Iron
Old TNX Seepage Basin	XSB	Carbon tetrachloride, iron, nitrate as nitrogen, pH, total organic halogens, trichloroethylene
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, total organic halogens
TNX Burying Ground	TBG	Carbon tetrachloride, gross alpha, iron, manganese, mercury, nitrate as nitrogen, tetrachloroethylene, total organic halogens, total radium, trichloroethylene

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

NOTES

INTRODUCTION

This report summarizes the SRS groundwater monitoring program conducted by EPD/EMS in the second 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

INTRODUCTION

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.

INTRODUCTION

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.

<u>Report</u>	<u>Document Number</u>
First Quarter 1990	ESH-EMS-90-0131
Fourth Quarter 1989	ESH-EMS-890046
Third Quarter 1989	ESH-EMS-890045
Second Quarter 1989	ESH-EMS-890044
First Quarter 1989	ESH-EMS-890043
Fourth Quarter 1988	HPR-89-193
Third Quarter 1988	HPR-88-489
Second Quarter 1988	HPR-88-300
First Quarter 1988	HPR-88-238
Fourth Quarter 1987	HPR-88-098
Third Quarter 1987	HPR-87-339
Second Quarter 1987	HPR-87-286
First Quarter 1987	HPR-87-158
Fourth Quarter 1986	HPR-87-072
Third Quarter 1986	HPR-87-002
Second Quarter 1986	HPR-86-226
First Quarter 1986 (revised)	HPR-86-158

Annual Reports

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

INTRODUCTION

<u>Report</u>	<u>Document Number</u>
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 SECOND QUARTER 1989 REPORT (ESII-EMS-890044)

The results reported by metaTRACE for total phosphates in the analytical data should have been reported as the results of total phosphorus.

CORRECTIONS TO THE THIRD QUARTER 1989 REPORT (ESII-EMS-890045)

The results reported by metaTRACE for total phosphates in the analytical data should have been reported as the results of total phosphorus.

CORRECTIONS TO THE FOURTH QUARTER 1989 REPORT (ESII-EMS-890046)

The results reported by metaTRACE for total phosphates in the analytical data should have been reported as the results of total phosphorus.

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

The sample dates listed in Tables 3 and 4 in the **Corrections** section and in Tables 11, 12, 16, and 20 in the **Sample Analysis** section should have been run dates.

The results reported by metaTRACE for total phosphates in the analytical data should have been reported as the results of total phosphorus.

The site for the P Well Series in the **Executive Summary** is the TNX-Area Background Wells.

In the **Analytical Results** section, the exponential notations were incorrectly formatted. For example, 1.01E±06 should have been 1.01E+06.

The carbonate value for HSB109D in the **Analytical Results** section should have been <1.0 µg/L for General Engineering.

NOTES

WELL ABANDONMENT

No well abandonments were reported for second quarter 1990.

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 second quarter of 1990. Graves Well Drilling performed all maintenance activities. Diagrams of the heads of two types of groundwater monitoring wells are shown in Figure 1.

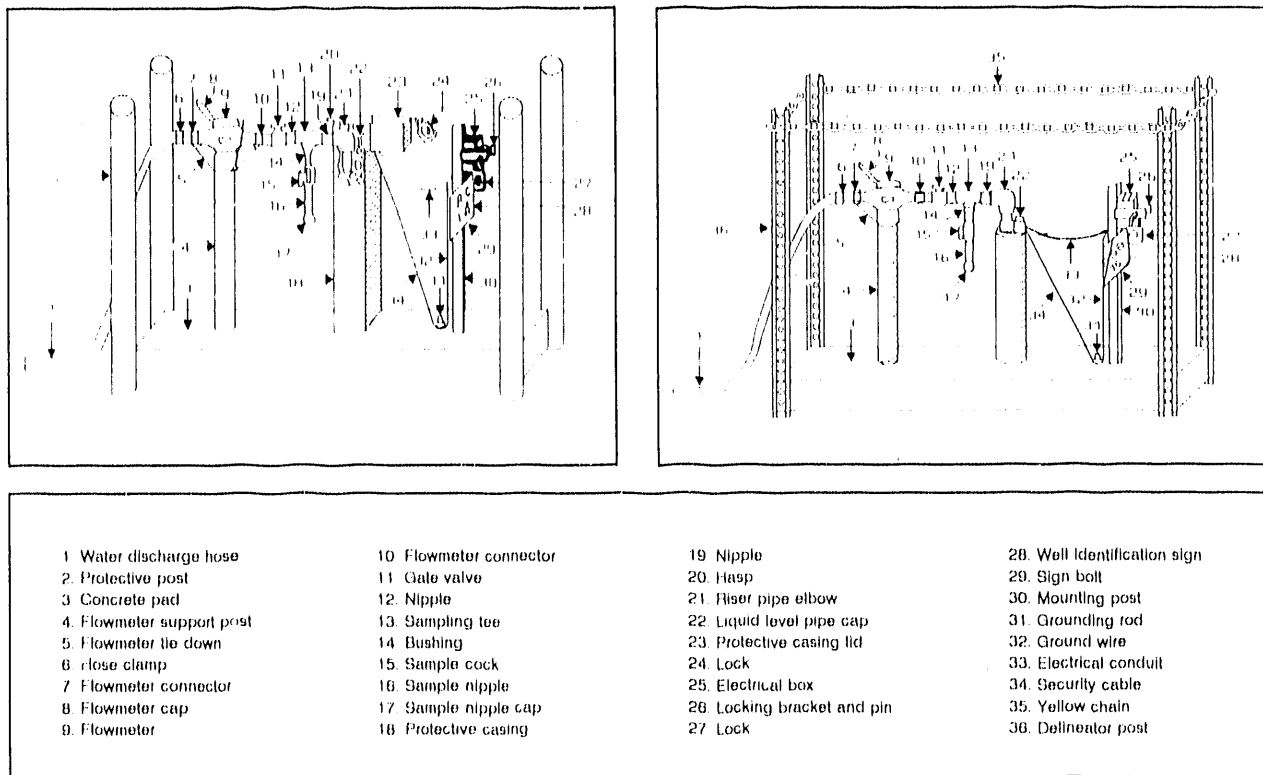


Figure 1. Two Types of Groundwater Monitoring Well Heads

DOB Series, D-Area Oil Disposal Basin

DOB 1: On 11/10/89, the bushing was cracked and leaking. On 1/5/90, the bushing was replaced, and a washer was put in the flange bushing in the flowmeter.

HSB Series, H-Area Reactor Seepage Basins

HSB 71: On 7/11/89, the sampling tee needed replacing. On 1/5/90, the maintenance crew could not get in the area because it was roped off.

WELL MAINTENANCE

HSB 125D: On 7/16/89, a protective post needed replacing. The protective post was repaired in the second quarter of 1990.

NBG Series, Wells Between the F-Area Canyon Building and the Navel Fuel Material Facility

NBG 5: On 8/27/89 and 11/28/89, the plumbing around the sampling tee leaked in two places, and the sampling tee needed replacing. The repairs were made in the second quarter of 1990.

YSC Series, Y-Area Waste Solidification and Disposal Facility

YSC 4A: On 6/17/89, the cap on the protective casing could not be removed. Repairs were made on 7/22/89.

WELL CONSTRUCTION

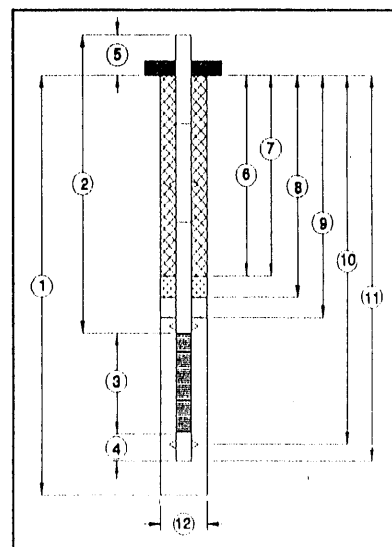
The primary source of data for this section is the SRS Monitoring Well Installation Report (DPSOP 254-V-2). Secondary sources include the following:

- SCDHEC Water Well Record
- SRS Monitoring Well Construction Details (Figure 2)
- SRS Monitoring Well Installation Report
- Field Geologic Log
- SRP Daily Activities Report
- SRP Well Development Report
- Monitor Testing Corporation Pump Data Sheet
- Monitor Testing Corporation Well Completion Report

Westinghouse Environmental and Geotechnical Services, CH₂M Hill, and Sirrine Environmental Consultants (the oversight groups) maintained these reports during second quarter 1990. Environmental Monitoring and Testing Corporation (EMTC) and Graves Well Drilling conducted drilling activities.

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 obtain samples for the determination of 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.



1. Total drilled depth
2. Total length of casing
3. Screen length
4. Sump and plug
5. Casing above ground
6. Thickness of grout
7. Depth to top of bentonite seal
8. Depth to top of sand seal
9. Depth to top of filter pack
10. Depth to centralizers
11. Total depth of installed well
12. Hole Diameter

Figure 2. Well Construction Diagram

WELL CONSTRUCTION

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.

MSB Well Series

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

The drilling and sampling methods for wells in the **MSB Series** are noted under each well. The screens in these wells are wire-wrapped PVC. Geophysical logging was conducted for wells MSB 7B, MSB 8B, and MSB 64B. No acceptance dates were given for these wells.

MSB 7B

The borehole was drilled by the mud rotary method from 0 to 10.0 ft and by wireline coring from 10.0 to 210.5 ft. Lithologies were logged. The borehole was backfilled from 210.5 to 205.0 ft and reamed from a depth of 0 to 205.0 ft. Drilling began 4/9/90; grouting was completed 4/18/90; the pump was installed 5/24/90. The total depth of the borehole is 210.5 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	197.1	0-194.6
Screen	4" 0.016"-slot PVC	4.8	194.6-199.4
Sump	4" PVC	2.9	199.4-202.3
Pump	Grundfos 10S05-9	-	192.0

MSB 7C

The borehole was drilled by the mud rotary method from 0 to 153.0 ft and was backfilled from 153.0 to 149.6 ft. Drilling began 4/16/90; grouting was completed 4/18/90; the pump was installed 5/24/90. The total depth of the borehole is 153.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	144.5	0-142.0
Screen	4" 0.016"-slot PVC	4.7	142.0-146.7
Sump	4" PVC	2.9	146.7-149.6
Pump	Grundfos 10S05-9	-	140.0

MSB 8B

The borehole was drilled by wireline coring from 0 to 209.0 ft, and lithologies were logged. The borehole was backfilled from 209.0 to 202.0 ft and reamed from a depth of 0 to 202.0 ft. Drilling began 3/26/90; grouting was completed 4/5/90; the pump was installed 5/22/90. The total depth of the borehole is 209.0 ft from ground level.

WELL CONSTRUCTION

MSB 8B (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	193.5	0-191.0
Screen	4" 0.016"-slot PVC	4.7	191.0-195.7
Sump	4" PVC	2.9	195.7-198.6
Pump	Grundfos 10S05-9	-	189.0

MSB 8C

The borehole was drilled by the mud rotary method from 0 to 156.0 ft. Drilling began 4/4/90; grouting was completed 4/18/90; the pump was installed 5/22/90. The total depth of the borehole is 156.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	148.5	0-146.0
Screen	4" 0.016"-slot PVC	4.7	146.0-150.7
Sump	4" PVC	2.9	150.7-153.6
Pump	Grundfos 10S05-9	-	144.0

MSB 63C

The borehole was drilled by the mud rotary method from 0 to 162.0 ft. Drilling began 3/21/90; grouting was completed 3/23/90; the pump was installed 5/23/90. The total depth of the borehole is 162.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	151.5	0-149.0
Screen	4" 0.016"-slot PVC	4.7	149.0-153.7
Sump	4" PVC	5.4	153.7-159.1
Pump	Grundfos 10S05-9	-	147.0

MSB 64B

The borehole was drilled by the mud rotary method from 0 to 10.0 ft. Continuous wireline coring was conducted from 10.0 to 243.0 ft; lithologies were logged. The borehole was backfilled from 243.0 to 234.0 ft and reamed from a depth of 0 to 234.0 ft. Drilling began 2/12/90; grouting was completed 2/28/90; the pump was installed 4/16/90. The total depth of the borehole is 243.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	224.5	0-222.0
Screen	4" 0.016"-slot PVC	4.7	222.0-226.7
Sump	4" PVC	3.0	226.7-229.7
Pump	Grundfos 10S05-9	-	217.5

WELL CONSTRUCTION

MSB 64C

The borehole was drilled by the mud rotary method from 0 to 180.0 ft. Drilling began 3/7/90; grouting was completed 3/12/90; the pump was installed 4/16/90. The total depth of the borehole is 180.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	167.5	0-165.0
Screen	4" 0.016"-slot PVC	4.7	165.0-169.7
Sump	4" PVC	5.4	169.7-175.1
Pump	Grundfos 10S05-9	-	162.5

MSB Well Series

M-Area Hazardous Waste Management Facility (HWMF): Plume Definition Wells

The drilling and sampling methods for wells in the **MSB Series** are noted under each well. The screens in these wells are wire-wrapped PVC. Geophysical logging was conducted for wells MSB 74B, MSB 76C, and MSB 79B. No acceptance dates were given for these wells.

MSB 74B

The borehole was drilled by the mud rotary method from 0 to 183.0 ft. Continuous wireline coring was conducted from 10.0 to 183.0 ft, and lithologies were logged. The borehole was backfilled from 183.0 to 177.0 ft and was reamed from 0 to 177.0 ft. Drilling began 10/17/89; grouting was completed 11/1/89; the pump was installed 4/2/90. The total depth of the borehole is 183.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	167.5	0-165.0
Screen	4" 0.016"-slot PVC	4.7	165.0-169.7
Sump	4" PVC	2.9	169.7-172.6
Pump	Grundfos 10S05-9	-	147.5

MSB 74C

The borehole was drilled by the mud rotary method from 0 to 148.0 ft. Drilling began 11/6/89; grouting was completed 11/9/89; the pump was installed 4/2/90. The total depth of the borehole is 148.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	137.5	0-135.0
Screen	4" 0.016"-slot PVC	4.7	135.0-139.7
Sump	4" PVC	5.4	139.7-145.1
Pump	Grundfos 10S05-9	-	132.5

WELL CONSTRUCTION

MSB 74D

The borehole was drilled by the auger method from 0 to 99.0 ft and by the mud rotary method from 99.0 to 130.0 ft. Hand samples were taken from 0 to 99.0 ft. The borehole was reamed from a depth of 0 to 99.0 ft. Drilling began 11/6/89; grouting was completed 11/9/89; the pump was installed 4/2/90. The total depth of the borehole is 130.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	78.5	0-76.0
Screen	4" 0.016"-slot PVC	20.0	76.0-96.0
Sump	4" PVC	5.2	96.0-101.2
Pump	Grundfos 10S05-9	-	90.5

MSB 76C

The borehole was drilled by the mud rotary method from 0 to 244.0 ft. Continuous wireline coring was conducted from 10.0 to 244.0 ft, and lithologies were logged. The borehole was backfilled from 244.0 to 181.0 ft and reamed from a depth of 0 to 180.0 ft. Drilling began 1/25/90; grouting was completed 2/6/90; the pump was installed 4/12/90. The total depth of the borehole is 244.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	166.5	0-164.0
Screen	4" 0.016"-slot PVC	4.7	164.0-168.7
Sump	4" PVC	5.4	168.7-174.1
Pump	Grundfos 10S05-9	-	164.0

MSB 79B

The borehole was drilled by the mud rotary method from 0 to 243.0 ft. Continuous wireline coring was conducted from 10.0 to 243.0 ft, and lithologies were logged. The borehole was backfilled from 243.0 to 207.0 ft and reamed from a depth of 0 to 220.0 ft. Drilling began 11/2/89; grouting was completed 12/4/89; the pump was installed 4/12/90. The total depth of the borehole is 243.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	207.5	0-205.0
Screen	4" 0.016"-slot PVC	4.7	205-209.7
Sump	4" PVC	5.4	209.7-215.1
Pump	Grundfos 10S05-9	-	202.5

MSB 79C

The borehole was drilled by the mud rotary method from 0 to 160.0 ft. Drilling began 11/27/89; grouting was completed 1/3/90; the pump was installed 4/12/90. The total depth of the borehole is 160.0 ft from ground level.

WELL CONSTRUCTION

MSB 79C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	148.5	0-146.0
Screen	4" 0.016"-slot PVC	4.7	146.0-150.7
Sump	4" PVC	5.4	150.7-156.1
Pump	Grundfos 10S05-9	-	145.5

SCA Well Series

S-Area Vitrification Building

Both of these wells were drilled by the mud rotary method. Wash cuttings were taken. The screens in these wells are machine-slotted PVC. No geophysical logging was conducted at these wells. The wells were accepted by Westinghouse 4/12/90.

SCA 3

Wash cuttings were taken approximately every three feet. Drilling began 12/14/89; grouting was completed 12/22/89; the pump was installed 4/10/90. The total depth of the borehole is 72.7 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	47.5	0-45.0
Screen	4" 0.016"-slot PVC	20.0	45.0-65.0
Sump	4" PVC	5.4	65.0-70.4
Pump	Grundfos 10S05-9	-	62.5

SCA 6

Wash cuttings were taken approximately every three feet. Drilling began 1/5/90; grouting was completed 1/10/90; the pump was installed 4/10/90. The total depth of the borehole is 73.0 ft.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Surface Casing	12" PVC	Not given	13.0
Casing	4" PVC	45.2	0-42.7
Screen	4" 0.016"-slot PVC	19.8	42.7-62.5
Sump	4" PVC	5.4	62.5-67.9
Pump	Grundfos 10S05-9	-	60.5

YSC Well Series

Y-Area Waste Solidification and Disposal Facility

The drilling and sampling methods for the wells in the **YSC Series** are noted under each well. The screens in these wells are machine-slotted PVC. Geophysical logging was conducted at YSC 1A (first hole), YSC 1C, YSC 2A, YSC 4A, and YSC 5A. No acceptance dates were given for these wells.

WELL CONSTRUCTION

YSC 1A

This well was originally constructed in June 1989 but was abandoned due to an obstruction in the well casing at 105.0 ft. The obstruction may have been part of a collapsed well casing, or the well casing may have collapsed when the obstruction was drilled out. Continuous wireline coring was conducted from 10.0 to 210.0 ft, and lithologies were logged. Geophysical logging was conducted for this well. A replacement well was constructed starting in June 1989, but it also had an apparent obstruction. A third well was begun in November 1989. The new borehole was drilled by the mud rotary method from 0 to 199.0 ft. The third YSC 1A is 15 ft away from the first, so new lithologies were not logged. Drilling began 11/6/89; grouting was completed 11/10/89; the pump was installed 4/4/90. The total depth of the borehole is 199.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	134.5	0-132.0
Screen	4" 0.015"-slot PVC	60.1	132.0-192.1
Sump	4" PVC	5.1	192.1-197.2
Pump	Grundfos 10S05-9	-	177.5

YSC 1C

The borehole was drilled by the rotary auger method from 0 to 10.0 ft. Continuous wireline coring was conducted from 10.0 to 124.0 ft, and lithologies were logged. Shelby-tube sampling was also conducted from 59.0 to 60.9 and 113.0 to 114.5 ft. The borehole was backfilled from 124.0 to 82.0 ft and reamed from a depth of 0 to 82.0 ft. Drilling began 5/15/89; grouting was completed 6/5/89; the pump was installed 4/4/90. The total depth of the borehole is 124.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	67.5	0-65.0
Screen	4" 0.016"-slot PVC	10.0	65.0-75.0
Sump	4" PVC	5.4	75-80.4
Pump	Grundfos 10S05-9	-	67.5

YSC 1D

The borehole was drilled by the rotary auger method from 0 to 50.0 ft and reamed from a depth of 0 to 57.0 ft. Grouting was completed 6/2/89. The total depth of the borehole is 57.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	38.5	0-36.0
Screen	4" 0.016"-slot PVC	20.0	36.0-56.0
Sump Cap	4" PVC	0.4	56.0-56.4

WELL CONSTRUCTION

YSC 2A

The borehole was drilled by the mud rotary method from 0 to 10.0 ft. Continuous wireline coring was conducted from 10.0 to 233.0 ft, and lithologies were logged. The borehole was backfilled from 233.0 to 155.0 and reamed from a depth of 0 to 155.0 ft. Drilling began 5/2/89; grouting was completed 6/31/89; the pump was installed 4/3/90. The total depth of the borehole is 233.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	139.5	0-137.0
Screen	4" 0.016"-slot PVC	10.0	137.0-147.0
Sump	4" PVC	5.5	147.0-152.5
Pump	Grundfos 10S05-9	-	137.5

YSC 2D

The borehole was drilled by the rotary auger method from 0 to 64.0 ft and by the mud rotary method from 64.0 to 92.0 ft. The borehole was reamed from a depth of 0 to 64.0 ft. Drilling began 5/24/89; grouting was completed 6/31/89; the pump was installed 4/3/90. The total depth of the borehole is 92.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	66.5	0-64.0
Screen	4" 0.016"-slot PVC	20.1	64.0-84.1
Sump	4" PVC	5.3	84.1-89.4
Pump	Grundfos 10S05-9	-	77.5

YSC 4A

The borehole was drilled by the rotary auger method from 0 to 10.0 ft and by wireline coring from 10.0 to 227.0 ft. Shelby-tube sampling was conducted from 68.0 to 70.0 ft, 130.3 to 130.8 ft, and 140 to 141.1 ft. Lithologies were logged. The borehole was backfilled from 227.0 to 175.0 ft and reamed from a depth of 0 to 175.0 ft. Drilling began 5/10/89; grouting was completed 6/12/89. This well is a piezometer; no pump was installed. The total depth of the borehole is 227.0 ft.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	159.5	0-157.0
Screen	4" 0.015"-slot PVC	10.0	157.0-167.0
Sump	4" PVC	5.4	167.0-172.4

YSC 4C

The borehole was drilled by the mud rotary method from 0 to 100.0 ft. Drilling began 6/8/89; grouting was completed 6/29/89; the pump was installed 4/4/90. The total depth of the borehole is 100.0 ft from ground level.

WELL CONSTRUCTION

YSC 4C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	84.5	0-82.0
Screen	4" 0.016"-slot PVC	10.0	82.0-92.0
Sump	4" PVC	5.4	92.0-97.4
Pump	Grundfos 10S05-9	-	87.5

YSC 5A

The borehole was drilled by the mud rotary method from 0 to 10.0 ft. Continuous wireline coring was conducted from 10.0 to 213.0 ft, and lithologies were logged. The borehole was backfilled from 213.0 to 165.0 ft and reamed from a depth of 0 to 165.0 ft. Drilling began 5/22/89; grouting was completed 6/5/89; the pump was installed 4/3/90. The total depth of the borehole is 213.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	154.5	0-152.0
Screen	4" 0.015"-slot PVC	5.0	152.0-157.0
Sump	4" PVC	5.5	157.0-162.5
Pump	Grundfos 10S05-9	-	147.5

NOTES

WELL STABILIZATION

Because the water in a newly installed well may be influenced by the grout, pH and specific conductance tests were performed for the following wells. Measurements were made on the first water withdrawn from the well and at one-well-volume intervals until stabilization. Wells were pumped unless otherwise noted.

BRR 1D

Date: 6/11/90

One well volume = 8.3 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	6.2	124	22.7	Clear; aerated; dry after 5 gal

Date: 6/12/90

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	6.2	104	30.2	Weakly turbid; light brown; aerated

BRR 2D

Date: 6/17/90—09:36

One well volume = 10.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	7.1	323	21.5	Clear; aerated; small pieces of plastic; dry after 6 gal

Date: 6/17/90—15:35

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	6.5	225	21.6	Weakly turbid; light brown

WELL STABILIZATION

BRR 3D

Date: 6/11/90

One well volume = 9.3 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	6.0	110	22.5	Aerated; very weakly turbid; light brown
1	5.2	83	22.6	Weakly turbid; light brown
2	5.1	80	24.5	Clear; 0.6 gpm; dry after 24 gal

Date: 6/12/90

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	5.1	79	22.2	Very weakly turbid; light brown

BRR 4D

Date: 6/11/90

One well volume = 8.0 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	6.4	283	22.7	Weakly turbid; light brown; hydrogen sulfide odor; dry after 3.5 gal

Date: 6/12/90

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	6.2	222	22.1	

BRR 5D

Date: 6/11/90

One well volume = 5.5 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	5.9	102	22.8	Weakly turbid; light brown; dry after 1 gal

Date: 6/12/90

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	5.9	95	22.4	

WELL STABILIZATION

CBR 1D

Date: 6/12/90—10:06

One well volume = 11.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	6.3	115	20.2	Weakly turbid; light brown
1	5.7	61	20.5	Moderately turbid; pink brown; 0.7 gpm; surges; dry after 15 gal

Date: 6/12/90—12:15

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	5.6	54	21.2	Moderately turbid; light brown

CBR 2D

Date: 6/12/90

One well volume = 9.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	7.3	193	21.9	Clear
1	5.2	43	20.9	Very weakly turbid; light brown
2	5.1	35	20.7	Moderately turbid; light brown
3	4.9	37	20.5	Weakly turbid; light brown
4	4.9	37	20.4	Weakly turbid; light brown

CBR 3D

Date: 6/12/90

One well volume = 9.3 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	5.7	41	21.8	Weakly turbid; light brown
1	5.6	40	20.5	Weakly turbid; light brown
2	5.2	32	20.0	Weakly turbid; light brown
3	5.1	32	19.8	Clear
4	5.0	31	19.9	Clear
5	5.0	31	19.9	Clear

WELL STABILIZATION

MSB 47BB

Date: 6/6/90

One well volume = 65.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	11.7	2170	22.9	Clear; small pieces of plastic
1	9.9	233	21.6	Strongly turbid; light brown
2	9.1	127	21.2	Moderately turbid; light brown
3	7.5	100	20.0	Moderately turbid; light brown
4	6.9	88	20.3	Moderately turbid; light brown
5	6.8	82	20.4	Weakly turbid; light brown
6	6.6	74	20.3	Weakly turbid; light brown
7	6.5	69	20.1	Weakly turbid; light brown

MSB 48A

Date: 5/24/90

One well volume = 62.3 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	10.0	131	20.7	Clear; small pieces of plastic
1	10.8	164	20.0	Moderately turbid; light brown
2	6.8	68	19.6	Weakly turbid; light brown
3	6.4	55	20.0	Very weakly turbid; light brown
4	6.3	47	20.2	Clear
5	6.1	46	20.2	Clear

MSB 48B

Date: 5/24/90

One well volume = 43.3 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	12.2	1044	20.6	Clear; small pieces of plastic
1	6.5	78	20.2	Strongly turbid; light brown; small amount of sand
2	6.4	66	20.0	Moderately turbid; light brown; small amount of sand
3	6.3	56	20.3	Moderately turbid; light brown
4	6.2	52	20.3	Moderately turbid; light brown

WELL STABILIZATION

MSB 48TA

Date: 5/24/90

One well volume = 76.8 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	9.6	77	21.0	Clear; small pieces of plastic
1	11.5	299	20.9	Strongly turbid; dark brown; pump rate dropped
2	11.0	154	20.9	Weakly turbid; light brown
3	10.8	135	20.2	Very weakly turbid; light brown
4	10.7	135	20.3	Clear

MSB 64B

Date: 5/22/90

One well volume = 56.3 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	8.2	181	19.3	Clear; small pieces of plastic
1	6.9	221	19.7	Moderately turbid; light brown
2	6.2	134	20.3	Weakly turbid; light brown
3	6.0	105	20.6	Weakly turbid; light brown
4	5.9	91	20.4	Very weakly turbid; light brown; surges
5	5.9	82	20.3	Very weakly turbid; light brown; surges
6	5.8	81	20.4	Very weakly turbid; light brown; surges

MSB 64C

Date: 5/22/90

One well volume = 28.8 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	7.2	292	19.5	Clear; small pieces of plastic
1	5.7	155	19.3	Weakly turbid; light brown; surges
2	5.1	137	19.9	Clear; surges
3	5.0	136	20.1	Clear; surges
4	5.0	136	20.0	Clear; surges

MSB 74B

Date: 5/22/90

One well volume = 43.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	11.6	1755	21.9	Clear; small pieces of plastic
1	10.6	297	20.4	Strongly turbid; yellow brown
2	9.4	133	20.2	Strongly turbid; yellow brown

WELL STABILIZATION

MSB 74B (cont.)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
3	7.5	103	19.5	Moderately turbid; yellow brown
4	6.9	92	19.6	Moderately turbid; yellow brown
5	6.6	85	19.7	Weakly turbid; light brown
6	6.6	79	19.6	Weakly turbid; yellow brown

MSB 74C

Date: 5/22/90

One well volume = 20.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
0	11.4	1037	21.3	Clear; small pieces of plastic; dry after pumping 13 gal

Date: 5/23/90

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
0	10.7	259	18.81	Very weakly turbid; light brown

MSB 74D

Date: 5/22/90

One well volume = 9.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
0	7.0	216	19.7	Weakly turbid; light brown; dry after 4.5 gal

Date: 5/23/90

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
0	7.3	744	18.5	Weakly turbid; light brown

WELL STABILIZATION

MSB 75B

Date: 6/3/90

One well volume = 33.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	11.6	886	22.0	Clear; small pieces of plastic
1	7.8	143	19.7	Strongly turbid; light brown; sand; surges
2	6.2	109	22.0	Moderately turbid; light brown; sand; surges
3	6.2	100	20.5	Moderately turbid; light brown; sand; surges
4	6.1	95	20.7	Moderately turbid; light brown; sand; surges

MSB 75C

Date: 6/3/90—12:02

One well volume = 12.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	6.7	277	21.0	Clear; small pieces of plastic; dry after 1.5 gal

Date: 6/3/90—16:15

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	6.5	155	21.2	None

MSB 76C

Date: 5/22/90—10:02

One well volume = 24.8 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	10.3	476	20.0	Clear; small pieces of plastic; dry after 15 gal

Date: 5/22/90—15:35

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	8.5	367	19.5	Moderately turbid; tan

WELL STABILIZATION

MSB 79B

Date: 5/22/90

One well volume = 45.3 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	12.1	1939	20.4	Clear; dry after 31 gal

Date: 5/23/90

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	11.5	549	18.8	Weakly turbid; light brown

MSB 79C

Date: 5/22/90

One well volume = 8.5

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	12.0	2180	21.1	Turbid; yellow brown; dry after 4 gal

Date: 5/23/90

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	12.3	1762	18.1	None

MSB 85B

Date: 6/10/90

One well volume = 56.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	11.7	637	21.9	Clear; small pieces of plastic
1	7.8	165	20.8	Strongly turbid; orange brown; surges
2	6.6	98	21.0	Strongly turbid; orange brown; surges
3	6.4	77	21.2	Strongly turbid; orange brown; surges
4	6.3	68	21.3	Moderately turbid; light orange brown; surges
5	6.2	60	20.4	Moderately turbid; light orange brown; surges
5	6.2	56	21.0	Moderately turbid; light orange brown; surges

WELL STABILIZATION

MSB 85TA

Date: 6/10/90—12:10

One well volume = 88.1 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S}/\text{cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
0	8.9	370	21.7	Clear; small pieces of plastic; dry after 30 gal

Date: 6/10/90—15:00

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S}/\text{cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
0	11.1	459	21.6	Weakly turbid; brown

MSB 86C

Date: 5/24/90

One well volume = 40.8 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S}/\text{cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
0	7.7	163	19.5	Clear; small pieces of plastic
1	6.7	84	19.2	Strongly turbid; brown; surges
2	6.9	105	19.8	Strongly turbid; brown; surges
3	6.9	102	19.6	Moderately turbid; light brown; surges
4	6.7	91	19.8	Weakly turbid; light brown; surges
5	6.7	86	19.6	Weakly turbid; light brown; surges

TBG 5A

Date: 6/18/90

One well volume = 36.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S}/\text{cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
0	9.1	252	25.0	Clear; surges
1	5.4	52	21.4	Clear; surges
2	5.1	55	21.9	Clear; surges
3	5.0	48	21.6	Clear; surges
4	5.0	42	21.8	Clear; surges
5	5.0	43	22.9	Clear; surges

WELL STABILIZATION

TBG 5B

Date: 6/18/90

One well volume = 28.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	7.2	172	23.7	Clear
1	5.9	45	21.5	Moderately turbid; light brown
2	6.0	50	21.8	Clear
3	5.9	47	21.4	Clear
4	5.9	46	22.0	Clear

XSB 1A

Date: 6/18/90

One well volume = 37.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	6.4	288	24.2	Weakly turbid; light brown
1	5.4	96	22.4	Turbid; light brown
2	5.3	103	22.6	Clear
3	5.4	102	21.9	Clear
4	5.3	100	21.6	Clear

XSB 1B

Date: 6/18/90

One well volume = 25.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	10.9	365	22.5	Clear
1	9.4	118	22.5	Clear
2	7.6	103	21.3	Clear
3	6.9	81	21.4	Clear
4	6.6	74	21.4	Clear
5	6.4	68	21.7	Clear
6	6.3	66	21.3	Clear

YSC 1A

Date: 6/17/90

One well volume = 55.3 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	7.6	220	22.0	Clear; small pieces of plastic
1	4.6	49	21.9	Clear
2	4.5	48	21.7	Clear

WELL STABILIZATION

YSC 1A (cont.)

Date: 6/17/90

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
3	4.4	48	21.7	Clear
4	4.4	48	21.6	Clear

YSC 1C

Date: 6/17/90—10:59

One well volume = 10.0 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
0	11.6	905	22.3	Clear; dry after 3.6 gal

Date: 6/17/90—16:20

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>
0	9.6	85	22.7

YSC 2A

Date: 6/17/90

One well volume = 17.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Comments</u>
0	12.1	3810	22.7	Clear; small pieces of plastic
1	11.8	2090	22.5	Weakly turbid; light brown; surges
2	11.2	720	22.0	Clear; surges
3	11.1	557	22.1	Clear; surges
4	11.0	475	22.3	Clear; surges
5	10.9	424	21.9	Clear; surges
6	10.8	381	22.0	Clear; surges
7	10.7	344	21.9	Clear; surges
8	10.7	319	22.0	Clear; surges
9	10.6	298	22.1	Clear; surges
10	10.6	281	21.9	Clear; surges
11	10.5	267	21.7	Clear; surges
12	10.4	253	21.8	Clear; surges
13	10.3	243	22.1	Clear; surges
14	10.3	233	21.8	Clear; surges
15	10.2	228	21.4	Clear; surges
16	10.2	221	22.1	Clear; surges
17	10.1	217	21.7	Clear; surges
18	10.1	213	22.1	Clear; surges

WELL STABILIZATION

YSC 2D

Date: 6/17/90—11:15

One well volume = 9.8 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	7.4	199	21.9	Weakly turbid; light brown; small pieces of plastic; dry after 7.2 gal

Date: 6/17/90—16:40

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	7.6	102	22.2	Turbid; brown

YSC 4C

Date: 6/17/90—10:02

One well volume = 16.3 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	7.5	175	21.7	Clear; small pieces of plastic; dry after 15 gal

Date: 6/17/90—16:00

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	
0	7.2	98	21.6	

YSC 5A

Date: 6/17/90

One well volume = 38.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Comments</u>
0	12.4	4110	22.7	Clear; small amount of sand
1	10.1	306	21.9	Clear
2	9.4	262	21.4	Clear
3	8.9	251	21.0	Clear
4	8.5	248	20.9	Clear
5	8.1	247	21.0	Clear
6	7.8	244	21.2	Clear
7	8.3	247	21.2	Clear
8	7.8	246	21.0	Clear
9	7.8	246	20.9	Clear

ENVIRONMENTAL SOIL BORINGS

The sources of data for this section are SRS Soil Boring Installation Reports, SRP Daily Activities Reports, and Field Geologic Logs. The oversight group, Westinghouse Environmental and Geotechnical Services (WEGS) of Columbia, SC, kept these records during second quarter 1990. EMTC performed the drilling. The completion date given for each boring is the date drilling was completed, unless otherwise noted.

D-Area Coal Pile Study

The following borings, obtained by hollow-stem augering and split-spoon sampling, were installed as part of the D-Area Coal Pile Research Program. A hydropunch was used to collect water samples.

<u>Core ID</u>	<u>Completion</u>	<u>Depth (ft)</u>
DHP-1	05/03/90	27.0
DHP-2	05/07/90	27.0
DHP-3	05/08/90	27.0
DHP-4	05/10/90	30.0
DHP-5	05/10/90	30.0
DHP-6	04/25/90	30.0
DHP-7	04/19/90	31.0
DHP-8	04/05/90	30.0
DHP-9	05/01/90	27.0
DHP-10	05/02/90	30.0

K-Area Coal Pile Study

The following borings, obtained by hollow-stem augering and split-spoon sampling, were installed as part of the K-Area Coal Pile Research Program. A hydropunch was used to collect water samples.

<u>Core ID</u>	<u>Completion</u>	<u>Depth (ft)</u>
KHP-1	06/12/90	79.0
KHP-2	06/18/90	79.0
KHP-3	05/25/90	79.0
KHP-4	05/22/90	79.0
KHP-5	05/17/90	79.5
KHP-6	05/31/90	79.0
KHP-7	06/09/90	79.0
KHP-8	06/07/90	79.0

NOTES

SURVEYING

The source of data for Table 2 is a database maintained by Surveying and Mapping Consultants of Tigerville, SC. Surveying and Mapping Consultants (SNC) conducted the following surveying between 3/1/90 and 6/30/90. Elevations are in feet above mean sea level.

Table 2. Survey Information

Well	SRS Coordinates		Top of Casing Elevation	Ground Elevation	Final Height of Casing Above Ground (ft)
	North	East			
MHM 1	102,736.80	48,878.79	-	365.3	-
MHM 2	102,815.58	48,921.98	-	369.8	-
MHM 3	102,744.48	48,889.97	368.18	365.6	2.58
MHM 4	102,778.02	48,876.57	370.28	368.3	1.98
MHM 5	102,811.34	48,863.82	368.45	366.2	2.25
MHM 6	102,763.85	48,861.89	-	366.8	-
MHM 7	102,766.68	48,869.48	-	367.6	-
MHM 8	102,784.73	48,856.13	-	366.6	-
MHT 1C	102,706.80	48,765.60	364.91	362.7	2.21
MHT 1D	102,697.34	48,760.21	364.41	362.5	1.91
MHT 2C	102,747.08	48,780.28	366.20	364.1	2.10
MHT 2D	102,756.60	48,784.24	366.45	364.5	1.95
MHT 3C	102,704.33	48,861.11	364.82	362.6	2.22
MHT 3D	102,694.60	48,856.75	364.29	362.1	2.19
MHT 4C	102,778.90	48,863.53	369.52	367.4	2.12
MHT 4D	102,772.12	48,857.11	368.86	366.8	2.06
MHT 5C	102,725.11	48,905.88	366.18	364.1	2.08
MHT 5D	102,721.66	48,893.54	365.95	363.9	2.05
MHT 6C	102,810.82	48,900.03	371.71	369.6	2.11
MHT 6D	102,808.16	48,891.01	371.28	369.4	1.82
MHT 7C	102,788.85	48,977.48	369.99	368.0	1.99
MHT 7D	102,786.76	48,967.28	370.00	367.9	2.10
MHT 8C	102,880.69	48,970.24	371.54	369.3	2.24
MHT 8D	102,875.76	48,960.71	371.69	369.5	2.19
MHT 9C	102,814.40	49,015.58	369.63	367.7	1.93
MHT 9D	102,805.14	49,018.07	369.75	367.6	2.15
MHT 10C	102,892.30	49,011.57	370.71	368.9	1.81
MHT 10D	102,890.12	49,001.21	370.97	369.0	1.97
MHV 1A	102,749.34	48,841.98	367.61	365.6	2.01
MHV 1B	102,749.34	48,841.98	367.62	365.6	2.02
MHV 1C	102,749.34	48,841.98	367.60	365.6	2.00
MHV 2A	102,755.87	48,903.22	368.23	366.4	1.83
MHV 2B	102,755.87	48,903.22	368.20	366.4	1.80

SURVEYING

Table 2. Survey Information (cont.)

Well	SRS Coordinates		Top of Casing Elevation	Ground Elevation	Final Height of Casing Above Ground (ft)
	North	East			
MHV 2C	102,755.87	48,903.22	368.21	366.4	1.81
MHV 3A	102,774.69	48,874.06	370.26	368.2	2.06
MHV 3B	102,774.69	48,874.06	370.26	368.2	2.06
MHV 3C	102,774.69	48,874.06	370.25	368.2	2.05
MHV 4A	102,841.68	48,842.53	368.62	366.1	2.52
MHV 4B	102,841.68	48,842.53	368.53	366.1	2.43
MHV 4C	102,841.68	48,842.53	368.69	366.1	2.59
MHV 5A	102,878.82	48,917.46	371.59	369.2	2.39
MHV 5B	102,878.82	48,917.46	371.53	369.2	2.33
MHV 5C	102,878.82	48,917.46	371.58	369.2	2.38
MSB 7B	100,597.64	46,718.12	344.19	342.2	1.99
MSB 7C	100,609.15	46,709.06	344.62	342.2	2.42
MSB 8B	100,805.81	47,281.92	343.91	341.9	2.01
MSB 8C	100,793.23	47,264.63	344.01	341.9	2.11
MSB 47BB	106,999.71	52,234.37	369.10	366.6	2.50
MSB 48A	107,936.57	54,099.78	362.19	359.9	2.29
MSB 48B	107,945.03	54,112.18	361.89	359.8	2.09
MSB 48TA	107,925.81	54,089.15	362.43	360.4	2.03
MSB 55B	108,342.43	52,006.23	368.89	366.9	1.99
MSB 55HC	108,338.65	52,020.08	368.78	366.9	1.88
MSB 55TA	108,322.82	52,014.71	368.82	366.7	2.12
MSB 63B	101,184.37	47,861.01	346.95	344.9	2.05
MSB 63C	101,174.63	47,849.19	347.05	344.8	2.25
MSB 64B	101,830.95	46,579.67	348.66	346.6	2.06
MSB 64C	101,842.92	46,589.17	348.74	346.5	2.24
MSB 74B	99,197.41	50,443.15	314.48	312.5	1.98
MSB 74C	99,191.10	50,457.08	314.98	312.8	2.18
MSB 74D	99,185.34	50,469.73	315.09	313.1	1.99
MSB 75B	98,937.44	48,875.51	326.69	324.6	2.09
MSB 75C	98,942.32	48,859.65	327.50	325.4	2.10
MSB 76C	103,061.62	45,343.99	352.77	350.8	1.97
MSB 79B	99,296.87	47,300.22	347.95	345.9	2.05
MSB 79C	99,290.24	47,286.82	347.82	345.6	2.22
MSB 85B	107,826.99	53,122.68	380.82	378.8	2.02
MSB 85TA	107,831.15	53,137.22	380.95	378.9	2.05
PZ 1	102,847.66	48,826.63	367.25	366.2	1.05
PZ 2	102,848.89	48,827.55	366.44	366.2	0.24
PZ 3	102,849.12	48,827.78	366.56	366.2	0.36
PZ 4	102,871.47	48,839.26	366.48	366.1	0.38
YSC 1A	78,039.90	65,438.93	270.92	268.9	2.02

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 second 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.

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

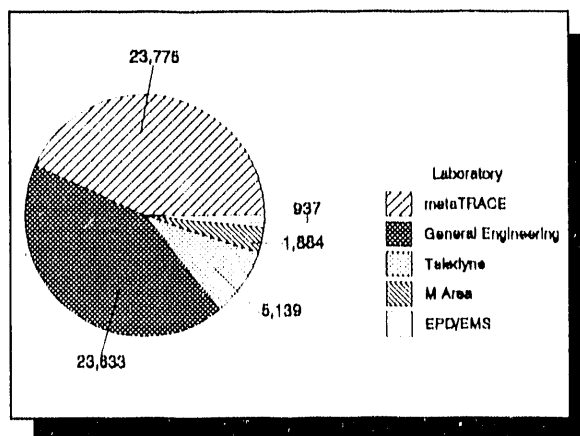


Figure 3. The Number of Samples Analyzed During Second Quarter 1990

SAMPLE SCHEDULING

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 $>10 \mu\text{g/L}$, and the well has not had a GCMS VOA analysis since those two $>10 \mu\text{g/L}$ 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 include 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 second quarter 1990 section of the EPD/EMS Groundwater Monitoring Library.

All sample collections were routine during the second quarter of 1990, except as indicated in Table 3. The samplers' observations about the water sample, well condition, and any special method of collecting are noted in the table. All wells were pumped except as noted. Wells that went dry were revisited and sampled, usually within 24 hours. A second visitation after this 24-hour period 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 **Field and Analytical Data** section.

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

Table 3. Comments From the Field Data

<u>Well</u>	<u>Date</u>	<u>Comments</u>
ABP Series		
ABP 2A	05/19/90	Weakly turbid; light brown; small amount of fine sand
ABP 3C	05/19/90	No well identification sign; very weakly turbid; light brown
ABP 8C	05/19/90	Very slow filtration; dry after 1.6 gal; strongly turbid; orange brown; sand
AC Series		
AC 1B	04/14/90	No water in standpipe
AC 2B	04/07/90	No water in standpipe
ACB Series		
ACB 2A	05/12/90	Aerated
ACB 3A	05/12/90	Very weakly turbid; light brown

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
AMB Series		
AMB 4	05/18/90	Dry after 4 gal; light brown; turbid
AMB 6	04/20/90	Turbid; light brown
AMB 7	05/17/90	Light brown; turbid
AOB Series		
AOB 3	05/11/90 05/12/90	Dry after 6.5 gal Weakly turbid; light brown; no well identification sign
ARP Series		
ARP 1A	05/19/90	No water in standpipe
ARP 3	05/19/90	Small amount of fine sand
ARP 4	05/19/90	No water in standpipe; small amount of fine sand
ASB Series		
ASB 1A	05/16/90	No water in standpipe
ASB 3A	05/16/90	Small amount of oil-like film on sample surface
ASB 8A	05/15/90	Flowmeter not working, estimated volume purged
ASB 8C	05/15/90	Flowmeter not working, estimated volume purged
ASB 9C	05/16/90	Pump would not start; unable to sample due to generator malfunction
BG Series		
BG 91	05/28/90 05/29/90	Dry after ~9 gal Light brown; weakly turbid
BG 92	05/29/90	Pump would not start
BG 93	05/29/90	Light brown; weakly turbid
BG 94	05/29/90 06/21/90	Pump would not start Weakly turbid
BG 95	05/29/90 05/30/90	Pump would not start Pump would not start
BG 101	05/29/90	Light brown; weakly turbid
BG 103	05/29/90 06/21/90	Pump would not start Very light brown; very weakly turbid
BG 104	05/30/90	No water in standpipe; dry after 5 gal; brown; turbid
BG 107	05/29/90 06/21/90	Pump would not start Pump would not start
BG 108	05/29/90	Very light brown; very weakly turbid
BG 110	05/29/90 05/30/90	Dry after 30 gal Light brown; turbid
BG 121	05/29/90 05/30/90	Dry after bailing ~2 gal Brown; turbid

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
BGO Series		
BGO 1D	04/16/90	Dry after 6 gal
	04/17/90	Aerated; very light brown; weakly turbid
BGO 3D	04/16/90	Dry after 3.4 gal
	04/17/90	Very light brown; turbid
BGO 5C	05/02/90	No access
BGO 5D	05/02/90	No access
BGO 6A	05/02/90	No access
BGO 6C	05/02/90	No access
BGO 6D	05/02/90	No access
BGO 10C	04/16/90	Dry after 37 gal
	04/17/90	Very light brown; weakly turbid
BGO 12A	04/16/90	Dry after 15 gal
BGO 12C	05/21/90	Unable to sample due to well renovation
BGO 12D	04/16/90	Dry after 6.5 gal
	04/17/90	Light brown; turbid
BGO 13D	05/02/90	Dry after 1 gal
	05/03/90	No water in standpipe
BGO 14A	05/22/90	Dry after 19 gal
	05/23/90	Unable to sample within 24 hr due to new lock applied to gate; permission to exceed the 24 hr time period was given. The well was sampled after 25 hr.
BGO 14D	05/22/90	Dry after 0.5 gal
	05/23/90	No water in standpipe; could not pump any water; well has been dry the past few quarters
BGO 16A	05/02/90	Dry after 8 gal
BGO 16D	05/02/90	Dry after 3 gal
BGO 17D	05/02/90	Unable to sample due to road built on top
BGO 20D	05/02/90	Access to site denied; unable to sample
BGO 21D	05/02/90	Dry after 6.5 gal
	05/03/90	Very light brown; weakly turbid
BGO 24D	05/02/90	Dry after 5.5 gal
BGO 25A	04/16/90	Dry after 14 gal
BGO 26D	04/30/90	Dry after 6.7 gal
	05/01/90	Turbid; light brown; aerated
BGO 26A	04/30/90	Dry after 34 gal
	05/01/90	Aerated
BGO 27D	04/28/90	Dry after 9.3 gal
	04/29/90	Turbid; brown
BGO 28D	04/28/90	Dry after 5.9 gal
	04/29/90	Reddish brown; turbid
BGO 29A	04/30/90	Dry after 30 gal
BGO 30C	04/28/90	Dry after 16.7 gal
BGO 30D	04/28/90	Dry after 8.5 gal
	04/29/90	Turbid; light brown
BGO 31C	04/28/90	Dry after 27 gal
BGO 31D	04/28/90	Dry after 6.7 gal
	04/29/90	Aerated; light brown; weakly turbid

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
BGO Series (cont.)		
BGO 32D	04/28/90	Dry after 4.3 gal
	04/29/90	Turbid; light brown
BGO 33D	04/28/90	Dry after 7.3 gal
	04/29/90	Weakly turbid; light brown
BGO 34D	04/30/90	Dry after 10.4 gal
	05/01/90	Aerated
BGO 35D	04/28/90	Dry after 8.3 gal
	04/29/90	Turbid; light brown; aerated
BGO 36D	04/30/90	Dry after 6.6 gal
	05/01/90	Turbid; light brown; aerated
BGO 37D	04/30/90	Dry after 5 gal
	05/01/90	Light brown; aerated; turbid
BGO 38D	04/30/90	Dry after 6.5 gal
	05/01/90	Light brown; aerated; turbid
BGO 39D	04/30/90	Dry after 4 gal
BRR Series		
BRR 1D	06/11/90	Dry after 5 gal
	06/12/90	Turbid; light brown; aerated
BRR 2D	06/10/90	Pump would not start
	06/17/90	No well identification sign; dry after 6 gal; weakly turbid; light brown
BRR 3D	06/11/90	Dry after 24 gal
	06/12/90	Turbid; brown
BRR 4D	06/11/90	Dry after 3.5 gal
	06/12/90	Turbid; brown
BRR 5D	06/11/90	Dry after 1 gal
	06/12/90	Turbid; brown; aerated
CBR Series		
CBR 1D	06/12/90	Dry after 15 gal; turbid; light brown
CBR 2D	06/12/90	Weakly turbid; light brown
CCB Series		
CCB 1	05/28/90	No water in standpipe
CCB 2	05/27/90	Moderately turbid; dark red
CCB 3	05/28/90	Dry after 3 gal
CDB Series		
CDB 1	06/20/90	Dry after 9 gal; weakly turbid; light brown
CDB 2	06/20/90	Dry after 5 gal; weakly turbid; light brown

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
CMP Series		
CMP 11	05/24/90	Dry after ~12 gal
CMP 12	05/24/90	Dry after 12 gal
CMP 13	05/24/90	Dry after 5 gal; very light brown; weakly turbid
CMP 15B	05/24/90	Dry after 20 gal
CRP Series		
CRP 3	05/28/90	No water in standpipe; dry after 8 gal
CSB Series		
CSB 2A	05/10/90	Dry after 3 gal
CSB 3A	05/09/90	Dry after 2 gal
CSB 5A	05/09/90	Dry after 4 gal
CSB 6A	05/09/90	Very light pink; weakly turbid
CSD Series		
CSD 1D	06/01/90	No well identification sign; dry after bailing 11 gal
CSD 2D	06/01/90	No well identification sign
CSD 4D	06/01/90	No well identification sign; dry after 23 gal
CSD 8D	06/01/90	No well identification sign
CSD 9D	06/01/90	No well identification sign
CSD 10	06/01/90	No well identification sign; dry after bailing 11 gal
CSD 10D	06/07/90	No well identification sign
CSD 11D	06/01/90	Dry after 10.5 gal; slightly aerated; no well identification sign
CSD 12D	06/07/90	No well identification sign
CSD 13D	06/07/90	No well identification sign
CSR Series		
CSR 3	06/07/90	Dry after 18 gal; moderately turbid; milky
CSR 4	06/07/90	Moderately turbid; light brown
DBP Series		
DBP 4	05/27/90	Weakly turbid; brown
DCB Series		
DCB 6	05/27/90	No well identification sign; dry after 4 gal; weakly turbid; light gray; odor
DCB 7	05/27/90	No well identification sign
DCB 8	05/27/90	No well identification sign
DCB 9	05/27/90	No well identification sign
DCB 11	05/27/90	Dry after 8 gal; no identification sign
DCB 12	05/27/90	Weakly turbid; brown; no well identification sign

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
DCB Series (cont.)		
DCB 13	05/27/90	Very weakly turbid; brown; no water in standpipe; dry after 1.3 gal
DCB 14	05/27/90	Aerated; odor; weakly turbid; light gray
DCB 15	05/27/90	Dry after 3.8 gal; weakly turbid; brown
DCB 16	05/27/90	Dry after 3.5 gal; weakly turbid; brown
DOB Series		
DOB 1	05/27/90	Aerated
FAC Series		
FAC 3	04/27/90	Dry after bailing 0.75 gal
	04/28/90	Brown; turbid
FAC 5	04/27/90	Dry after bailing ~8 gal
	04/28/90	Light brown; turbid
FAC 6	04/27/90	Dry after bailing 3 gal
FAC 7	04/27/90	Dry after bailing 3.5 gal
FAC 8	04/27/90	Dry after bailing 11 gal
	04/28/90	Light white; turbid
FAL Series		
FAL 1	06/20/90	Dry after 5.5 gal
FAL 2	06/20/90	Dry after 0.5 gal; medium brown; turbid
FBP Series		
FBP 4	05/24/90	Very light brown; weakly turbid
FCA Series		
FCA 1N	05/24/90	Sounded bottom of well at ~15 ft below top of casing
FCA 2C	05/30/90	Dry after bailing 0.5 gal
	05/31/90	Brown; turbid
FCA 2D	05/30/90	Dry after bailing 1.3 gal
	05/31/90	Weakly turbid
FCA 9B	05/24/90	Unable to remove cap
FCA 9C	05/24/90	Unable to measure depth of water or attempt to sample due to trash inside well starting at ~5 in. below top of casing
FCA 9D	05/30/90	Dry after bailing 0.6 gal
	05/31/90	Weakly turbid; red brown
FCA 10A	05/30/90	Dry after bailing 1.4 gal
	05/31/90	Weakly turbid; light brown
FCA 10B	05/24/90	Sounded bottom of well at 16.4 ft below top of casing; no well identification sign and no markings
FCA 10C	05/24/90	Sounded bottom of well at 9.84 ft below top of casing

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
FCA Series (cont.)		
FCA 16A	05/30/90	Dry after bailing 5.75 gal
	05/31/90	Brown; turbid
FCA 16D	05/30/90	Dry after bailing 0.5 gal
	05/31/90	Red brown; turbid
FCA 16T	05/24/90	Sounded bottom of well at 21.4 ft below top of casing
FCA 19D	05/31/90	Dry after 2.2 gal; weakly turbid; light brown
FCB Series		
FCB 4	06/20/90	Dry after 9.5 gal; light brown; weakly turbid
FCB 5	05/10/90	Dry after 2 gal
FCB 6	05/10/90	Dry after 1 gal
FET Series		
FET 1D	05/04/90	Dry after 8 gal
FSB Series		
FSB 77	04/17/90	Aerated
FSB 78C	04/24/90	Dry after 22 gal
FSB 79	04/17/90	Pump was difficult to start
FSB 88D	05/05/90	Dry after 3.3 gal
	05/06/90	Aerated
FSB 90C	04/28/90	Dry after 22.4 gal
FSB 90D	04/28/90	Dry after 3.5 gal
FSB 91C	05/05/90	Dry after 18 gal
FSB 92D	04/22/90	Turbid; brown
FSB 93D	05/05/90	Dry after 4 gal
	05/06/90	Weakly turbid; light brown; aerated
FSB 94C	04/24/90	Dry after 31 gal
FSB 95C	04/25/90	Dry after 23 gal
FSB 96A	04/25/90	Dry after 17.5 gal; very weakly turbid; light brown
FSB 97C	04/25/90	Dry after 27 gal
FSB 97D	04/25/90	Dry after 1 gal; aerated
FSB 98D	04/25/90	Dry after 4.5 gal; turbid; brown; aerated
FSB105D	04/25/90	Dry after 1 gal; weakly turbid; light brown
FSB108D	04/26/90	Dry after 4.7 gal; aerated
FSB109D	05/06/90	Dry after 1.8 gal; weakly turbid; light brown; aerated
FSB110D	05/06/90	Aerated
	06/13/90	Aerated
FSS Series		
FSS 1D	05/10/90	Dry after 5.5 gal
	05/11/90	Brown; turbid
FSS 2D	05/16/90	Dry after 5.5 gal; medium brown; moderately turbid

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
FSS Series (cont.)		
FSS 3D	05/10/90	Dry after 8 gal
	05/11/90	Light brown; turbid
FSS 4D	05/10/90	Dry after 9 gal
	05/11/90	Brown; turbid
FTF Series		
FTF 5	05/21/90	Well construction in area, unable to sample
GBW Series		
GBW 1	05/27/90	Dry after 8 gal
	05/28/90	Turbid; brown; sand
HAC Series		
HAC 2	05/04/90	Dry after ~3 gal
HAC 3	05/04/90	Dry after 5.5 gal
HCA Series		
HCA 1	05/04/90	Dry after 18 gal
HCA 2	05/04/90	Very light brown; weakly turbid
HCA 3	05/04/90	Dry after 10 gal
HCA 4	05/04/90	Dry after 18 gal
HCB Series		
HCB 1	05/01/90	Standing water surrounding well
HCB 2	05/01/90	Very light brown; weakly turbid
HCB 4	05/01/90	Pump would not start
HET Series		
HET 2D	05/10/90	Dry after ~6 gal
HET 3D	05/10/90	Dry after ~8 gal
HET 4D	05/10/90	Dry after ~15 gal
	05/11/90	Flowmeter not working properly, estimated volume purged
HR8 Series		
HR8 13	05/01/90	Light brown; weakly turbid
HSB Series		
HSB 66	04/02/90	Very light brown; very weakly turbid
HSB 68	04/04/90	Very light brown; very weakly turbid; no water in standpipe at ~28 ft

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
HSB Series (cont.)		
HSB 68A	04/04/90	Flowmeter not working, estimated volume purged
HSB 68B	04/04/90	Dry after 75 gal
	04/05/90	Aerated; light brown; turbid
HSB 68C	04/05/90	Aerated; dry after 12 gal
HSB 69	06/14/90	Pump would not start
HSB 70C	05/07/90	Dry after 25 gal
	05/08/90	Slightly aerated
HSB 71C	05/07/90	Dry after 20 gal
HSB 84C	04/04/90	Dry after 15 gal
	04/05/90	Aerated
HSB 85B	04/25/90	Dry after 48 gal
HSB102C	04/30/90	Flowmeter not working properly, estimated volume purged
HSB102D	04/30/90	Dry after 5 gal; brown; turbid
HSB109D	05/04/90	No water in standpipe
HSB110C	04/19/90	Aerated
HSB111E	04/30/90	Light brown; turbid
HSB112E	04/30/90	Dry after 3 gal
	05/01/90	Brown; turbid
HSB115C	04/03/90	Dry after 15 gal
HSB115D	04/03/90	Dry after 7 gal
	04/04/90	Light brown; weakly turbid
HSB117D	04/17/90	Light gray; turbid
HSB124A	05/07/90	Dry after 42 gal
HSB126D	04/02/90	Dry after 7.4 gal
HSB131D	06/13/90	No water in standpipe
HSB132D	04/06/90	Flowmeter not working properly, estimated volume purged
HSB133D	04/06/90	Very light brown; weakly turbid
HSB135C	04/19/90	Light brown; turbid
HSB139C	04/03/90	Dry after 24 gal
HSS Series		
HSS 1D	05/10/90	Dry after 21 gal
HSS 3D	05/10/90	Dry after 36 gal
	05/11/90	Light brown; turbid
HTF Series		
HTF 34	04/20/90	Pump not operating, could not sample
HWS Series		
HWS 1A	06/05/90	Dry after 2 gal; weakly turbid; light brown

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
IDB Series		
IDB 1A	06/12/90	Dry after 13 gal
IDB 1B	06/12/90	Dry after 6 gal
IDB 5	06/11/90	Dry after 2.5 gal
IDB 8	06/12/90	Dry after 2.5 gal
IDP Series		
IDP 3C	06/08/90	Dry after 12.1 gal
IDP 3D	06/08/90	No pump in well
IDP 4	06/11/90	No pump in well
IDQ Series		
IDQ 2	06/15/90	Dry after 2.8 gal; no water in standpipe
IDQ 3C	06/15/90	Dry after 6.6 gal
IDQ 6	06/15/90	Dry after 3.1 gal
IDQ 7	06/15/90	Dry after 1.4 gal; no water in standpipe
KAB Series		
KAB 1	05/23/90	Dry after 10.5 gal
KAB 2	05/23/90	Dry after 6 gal; very light pink brown; weakly turbid
KAC Series		
KAC 6	04/26/90	Dry after 8 gal
	04/27/90	Light brown; weakly turbid
KAC 7	04/26/90	Dry after 5 gal
	04/27/90	Very light brown; weakly turbid
KCB Series		
KCB 1	05/23/90	Light brown; turbid
KCB 2	05/23/90	Light brown; turbid
KCB 4	05/23/90	Flowmeter not working, estimated volume purged
KDB Series		
KDB 1	06/18/90	Dry after 13 gal; weakly turbid; light brown
KDB 2	06/18/90	No well identification sign; leaks around sample tee
KDB 3	06/18/90	Dry after 16 gal
KDT Series		
KDT 1D	06/18/90	Dry after 9 gal; no well identification sign

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
KRB Series		
KRB 1	06/20/90	Dry after 0.7 gal
KRB 13	06/19/90	No water in standpipe; well, pad, and plumbing sprayed with tar
KRB 14	06/19/90	Top of well casing is 6 ft above ground level
KRB 15	06/19/90	Well head plumbing is broken
KSS Series		
KSS 2D	05/21/90	Flowmeter not working, estimated volume purged; medium amount of sand; light brown; turbid
LAC Series		
LAC 1	06/07/90	Very light brown; weakly turbid
LCO Series		
LCO 1	06/07/90	Dry after 9 gal
LCO 4	06/07/90	Very light brown; weakly turbid
LDB Series		
LDB 1	06/20/90	Dry after 16 gal; sprays badly; weakly turbid; light brown
LDB 2	06/20/90	Dry after 16 gal
LFW Series		
LFW 6	06/11/90	Weak onion-like odor; flowmeter not working, estimated volume purged
LFW 7	06/15/90	Very light brown; weakly turbid; onion-like odor
LFW 8	06/11/90	Onion-like odor; light brown; weakly turbid; flowmeter not working, estimated volume purged
LFW 10A	06/15/90	Flowmeter not working properly, estimated volume purged
LFW 18	06/15/90	Weak onion-like odor
LFW 20	06/15/90	Flowmeter not working, estimated volume purged
LFW 21	06/11/90	Weak onion-like odor
LFW 28	06/20/90	Dry after 11 gal
LFW 36	06/11/90	Onion-like odor; very light brown; very weakly turbid
LRP Series		
LRP 3	06/03/90	Aerated
LSB Series		
LSB 3	06/07/90	Small amount of oil-like film on sample surface

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
MCB Series		
MCB 2	05/20/90	Dry after 7.5 gal
MCB 4	05/20/90	Dry after 1.8 gal
MCB 5	05/20/90	Dry after 7.5 gal
MCB 5C	05/20/90	Dry after 9.8 gal; weakly turbid; light brown
MCB 6	05/19/90	Dry after 1.4 gal
	05/20/90	Aerated
MCB 6C	05/19/90	Strongly turbid; orange brown; slow filtration
MCB 7C	05/20/90	Dry after 12.8 gal; turbid; brown
MSB Series		
MSB 2A	04/08/90	No water in standpipe
MSB 3A	04/08/90	No water in standpipe
MSB 5A	04/08/90	No water in standpipe
MSB 7A	04/08/90	Fine sand
MSB 9B	04/08/90	Dry after 8.5 gal
MSB 9C	04/08/90	No water in standpipe
MSB 10C	04/08/90	Aerated
MSB 11A	04/08/90	Flowmeter not working properly, estimated volume purged
MSB 11F	04/08/90	No water in standpipe
MSB 13B	03/08/90	Dry after ~2 gal
	05/06/90	Aerated
MSB 14C	04/14/90	No water in standpipe; dry after 1.5 gal; weakly turbid; light brown
MSB 15C	04/14/90	Unable to sample due to box mounted ~1 ft above well
MSB 15D	04/14/90	Dry after 2.5 gal; aerated
MSB 18B	04/14/90	Weakly turbid; light brown
MSB 18C	04/14/90	Dry after 4.5 gal
MSB 20C	05/13/90	No water in standpipe; dry after 4 gal; weakly turbid; light brown
MSB 23TA	04/24/90	Weakly turbid; brown; sample collected at each of first five well volumes
	05/31/90	Turbid; brown; sample collected at each of first five well volumes
	06/27/90	Weakly turbid; brown; sample collected at each of first five well volumes
MSB 24	04/27/90	Dry after 5.1 gal
MSB 26	04/07/90	No water in standpipe; small amount of fine sand
MSB 27	04/27/90	Small amount of fine sand
MSB 27A	04/27/90	No water in standpipe
MSB 27B	04/27/90	Flowmeter not working properly, estimated volume purged
MSB 30AA	04/07/90	Dry after 63 gal
MSB 32	04/03/90	Very weakly turbid; light brown
MSB 34C	05/05/90	No water in standpipe
MSB 35TA	04/15/90	Estimated volume purged
MSB 37A	05/05/90	Dry after 76 gal
MSB 37D	05/05/90	No water in standpipe; could not tell if pump was running
MSB 39A	04/01/90	Dry after 63 gal
MSB 40C	05/13/90	No water in standpipe

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
MSB Series (cont.)		
MSB 44C	05/13/90	Sounded bottom of well at 147.43 ft below top of casing; strongly turbid; brown
MSB 46A	04/22/90	Dry after 49 gal
MSB 46B	04/22/90	No water in standpipe
MSB 47BB	06/06/90	Weakly turbid; light brown
MSB 47TA	04/15/90	Moderately turbid; brown
MSB 48A	05/24/90	No well identification sign
MSB 48B	05/24/90	No well identification sign; moderately turbid; light brown
MSB 48TA	05/24/90	No well identification sign
MSB 49D	04/21/90	Dry after 10 gal; aerated
MSB 51D	04/15/90	Dry after 4 gal; weakly turbid; light brown
MSB 52D	05/11/90	Dry after 2 gal
MSB 54D	04/28/90	No water in standpipe
MSB 55B	06/10/90	No well identification sign
MSB 55D	04/28/90	No water in standpipe; aerated
MSB 55HC	06/10/90	No well identification sign; dry after 3 gal; very weakly turbid; light brown
MSB 55TA	06/10/90	No well identification sign
MSB 61D	05/12/90	Dry after 4.5 gal; weakly turbid; light brown
MSB 64B	05/22/90	No well identification sign; very weakly turbid; light brown
MSB 64C	05/22/90	No well identification sign
MSB 66C	04/28/90	Weakly turbid; light brown
MSB 66D	04/28/90	Pump would not start
MSB 68D	04/21/90	Weakly turbid; light brown; no well identification sign
MSB 69C	04/19/90	Dry after 25.6 gal
MSB 69TA	04/28/90	Weakly turbid; light brown
MSB 71B	04/14/90	Dry after 41 gal; weakly turbid; light brown
MSB 73B	04/21/90	Weakly turbid; light brown
MSB 74B	05/22/90	No well identification sign; weakly turbid; light yellow brown
MSB 74C	05/22/90	Dry after 13 gal
	05/23/90	Very weakly turbid; light brown
MSB 74D	05/22/90	Dry after 4.5 gal
	05/23/90	Weakly turbid; light brown
MSB 75B	06/03/90	No well identification sign; moderately turbid; light brown; sand
MSB 75C	06/03/90	Dry after 1.5 gal
MSB 76C	05/22/90	Dry after 15 gal; moderately turbid; tan; no well identification sign
MSB 79B	05/22/90	Dry after 31 gal
	05/23/90	Weakly turbid; light brown
MSB 79C	05/22/90	Dry after 4 gal
	05/23/90	Turbid; brown
MSB 82C	04/28/90	No well identification sign
MSB 83C	04/28/90	No well identification sign
MSB 84C	04/28/90	No well identification sign
MSB 85B	06/10/90	Moderately turbid; light orange brown; no well identification sign
MSB 85C	04/27/90	Dry after 25 gal
MSB 85TA	06/10/90	Dry after 30 gal; weakly turbid; brown; no well identification sign
MSB 86C	05/24/90	No well identification sign; moderately turbid; light brown

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
NBG Series		
NBG 1	06/20/90	Dry after 9 gal; very light brown; very weakly turbid
NBG 2	06/20/90	Dry after 12 gal; light brown, weakly turbid
NBG 3	06/20/90	Dry after 5 gal; light brown; weakly turbid
NBG 4	06/20/90	Dry after 6 gal
NBG 5	06/20/90	Dry after 13 gal
P Series		
P 26B	06/19/90	Flowmeter not working, estimated volume purged
PAC Series		
PAC 2	04/20/90	Light red brown; turbid
PAC 3	04/20/90	Light brown; turbid
PAC 5	04/26/90	Dry after 10 gal
	04/27/90	Aerated
PAC 6	04/26/90	Dry after 7.5 gal
	04/27/90	Medium brown; moderately turbid; aerated
PCB Series		
PCB 3A	06/22/90	Well pumped dry after 11 gal; light tan; moderately turbid
PSB Series		
PSB 5A	05/08/90	Dry after 7 gal
PSS Series		
PSS 1D	06/05/90	Weakly turbid; brown
PSS 3D	06/05/90	Dry after 7 gal; turbid; brown
RAC Series		
RAC 1	06/08/90	Light white
RDB Series		
RDB 1D	06/12/90	Dry after 20 gal; no well identification sign
RDB 2D	06/12/90	Light brown; turbid; no well identification sign
RDB 3D	06/12/90	No well identification sign
RRP Series		
RRP 3	06/08/90	Very light red brown; weakly turbid

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
RSE Series		
RSE 12	06/20/90	Puller got stuck
RSE 24	06/12/90	No well identification sign
RSE 25	06/12/90	No well identification sign
RSF Series		
RSF 1	06/12/90	No well identification sign
RSF 2	06/12/90	No well identification sign
RSF 3	06/12/90	No well identification sign
RWM Series		
RWM 2	04/12/90	Aerated
SCA Series		
SCA 1A	06/21/90	Obstruction or bottom of standpipe at 7.5 ft prevented obtaining the static water level
SLP Series		
SLP 1	05/28/90	Light brown; very weakly turbid; dry after 4.5 gal
SRW Series		
SRW 2A	05/19/90	Flowmeter not working properly, estimated volume purged
SRW 5	05/19/90	Flowmeter not working, estimated volume purged; small amount of fine sand
SRW 6	05/19/90	Very weakly turbid; light brown
SRW 7	05/19/90	Dry after 1.5 gal
	05/20/90	Weakly turbid; brown; small amount of fine sand
SRW 8	05/20/90	Aerated
SRW 10	05/19/90	No water in standpipe
SRW 14C	05/20/90	No water in standpipe
SRW 16A	05/19/90	Dry after 22 gal
	05/20/90	Weakly turbid; brown
SSS Series		
SSS 1	06/07/90	Strongly turbid; brown; sand; bailer leaks badly at check valve due to sand
SSS 2	06/07/90	Strongly turbid; light brown; sand; bailer leaks at check valve due to sand
SSS 3	06/07/90	Very strongly turbid; muddy; brown; lots of sand; bailer leaks due to sand
SSS 4	06/03/90	No well identification sign
SSS 5	06/03/90	Dry after bailing 300 mL; strongly turbid; brown; sand
SSS 6	06/03/90	No well identification sign

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
SSS Series (cont.)		
SSS 7	06/06/90	Strongly turbid; brown; sand; bailer leaks at bottom valve due to sand
SSS 8	06/06/90	Strongly turbid; brown; sand; bailer leaks due to sand
SSS 9	06/06/90	Strongly turbid; brown; sand; gravel; bailer leaks due to sand
SSS 10	06/07/90	Strongly turbid; brown; sand; bailer leaks badly at bottom of check valve, probably due to sand
SSS 17	06/05/90	Strongly turbid; orange brown; sand
SSS 19	06/03/90	No well identification sign
SSS 20	06/03/90	Dry after bailing 1.2 L; weakly turbid; light brown; sand
SSS 21	06/03/90	No well identification sign
SSS 22	06/07/90	Moderately turbid; light brown
SSS 23	06/07/90	Strongly turbid; brown
SSS 25	06/05/90	Moderately turbid; light brown
SSS 26	06/05/90	Strongly turbid; pink; sand
SSS 27	06/05/90	Strongly turbid; orange brown
TBG Series		
TBG 3	06/18/90	Dry after 6.5 gal
	06/19/90	Aerated
TBG 5	06/18/90	Dry after 6 gal
TBG 5A	06/18/90	No well identification sign
TBG 5B	06/18/90	No well identification sign
TBG 6	06/18/90	Dry after ~7 gal
	06/19/90	Aerated; very light brown; very weakly turbid
TNX Series		
TNX 1D	06/18/90	No well identification sign
TNX 2D	06/18/90	No well identification sign
TNX 3D	06/18/90	Dry after 6.6 gal; no well identification sign
TNX 4D	06/18/90	Dry after 5.9 gal; no well identification sign; moderately turbid; light tan
TNX 5D	06/18/90	Dry after 5 gal; lightly turbid; aerated; no well identification sign
TNX 6D	06/18/90	Dry after 3.8 gal; moderately turbid; light tan; no well identification sign
TNX 7D	06/18/90	No well identification sign
TNX 8D	06/21/90	No well identification sign; pad under 1 to 2 ft of water
TNX 9D	06/21/90	No well identification sign
TNX 10D	06/21/90	No well identification sign
TNX 11D	06/21/90	Moderately turbid; no well identification sign; light red brown
TNX 12D	06/21/90	No well identification sign
XSB Series		
XSB 1A	06/18/90	No well identification sign
XSB 1B	06/18/90	No well identification sign

SAMPLE COLLECTION

Table 3. Comments From the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>
XSB Series (cont.)		
XSB 2D	06/19/90	Dry after 6 gal
XSB 3A	06/19/90	Slightly aerated
YSB Series		
YSB 1A	06/19/90	Moderately turbid; light tan
YSB 2A	06/19/90	Turbid; light orange brown; flowmeter stopped, estimated volume purged
YSB 3A	06/19/90	Moderately turbid; light orange brown
YSB 4A	06/19/90	Moderately turbid; light orange brown
YSC Series		
YSC 1A	06/17/90	No well identification sign
YSC 1C	06/17/90	No well identification sign; dry after 3.6 gal; weakly turbid; light brown
YSC 2A	06/17/90	No well identification sign
YSC 2D	06/17/90	Dry after 7.2 gal; turbid; brown; no well identification sign
YSC 4C	06/17/90	Dry after 15 gal; turbid; brown, no well identification sign
YSC 5A	06/17/90	No well identification sign
ZBG Series		
ZBG 1	05/22/90	Flowmeter not working properly, estimated volume purged
241-H Series		
241-H	04/20/90	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 suspected 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 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

BGO 16D was analyzed past the 7-day holding time for total organic halogens because the laboratory received the samples after the holding time expired.

Samples from the following 10 wells were analyzed past the 7-day holding time for total organic halogens, although the laboratory received them before the holding time expired.

BGO 27D	BGO 30C	BGO 31C	BGO 32D	BGO 33D
BGO 28D	BGO 30D	BGO 31D	BGO 33C	BGO 37C

BGO 37C was analyzed past the 14-day holding time for GCMS VOA, although the laboratory received them before the holding time expired.

Samples from the following wells were analyzed past the 14-day holding time for GC VOA because the instruments used in the analyses were not working: KAB 2, KAB 3, KRP 1, KRP 2, KRP 3, and KRP 4.

Samples from the following 32 wells were analyzed after the 48-hour holding time for total phosphates.

BG 94	CSD 11D	TNX 3D	TNX 11D
BG 103	KDT 1D	TNX 4D	TNX 12D
BRD 5D	SCA 1	TNX 5D	YSC 1A
CBR 3D	SCA 2	TNX 6D	YSC 1C
CSD 1D	TBG 1	TNX 7D	YSC 2A
CSD 4D	TBG 4	TNX 8D	YSC 2D
CSD 8D	TNX 1D	TNX 9D	YSC 4C
CSD 9D	TNX 2D	TNX 10D	YSC 5A

Samples from the following 23 wells were analyzed after the 48-hour holding time for nitrite as nitrogen.

BG 94	IDP 1C	IDP 6	IDQ 3B
IDB 2A	IDP 2	IDP 7	IDQ 3C
IDB 2B	IDP 3A	IDP 8	IDQ 4
IDB 2C	IDP 3B	IDP 9	IDQ 6
IDB 4	IDP 3C	IDQ 2	IDQ 7
IDP 1	IDP 5	IDQ 3A	

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

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

Analyte	Run Date	Result	Well Samples Accompanying Blind Blanks
Aluminum	05/05/90	101 µg/L	KAC 2, KAC 3, KAC 4
	05/17/90	69.1 µg/L	AOB 3, FNB 1, RWM 1
	06/11/90	260 µg/L	CSD 1D, CSD 4D, CSD 8D, CSD 9D, CSD 11D
	06/17/90	59 µg/L	CSD 10D, CSD 12D, CSD 13D

SAMPLE ANALYSIS

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

<u>Analyte</u>	<u>Run Date</u>	<u>Result</u>	<u>Well Samples Accompanying Blind Blanks</u>
Aluminum (cont.)	06/17/90	59.3 µg/L	CSD 10D, CSD 12D, CSD 13D
Bis(2-ethylhexyl) phthalate	06/22/90	58 µg/L	CBR 3D, TNX 3D, TNX 4D
Chromium	05/11/90	6.54 µg/L	MSB 12A, MSB 12B, MSB 12C, MSB 12TA, MSB 13A, MSB 13B, MSB 31B, MSB 31C
Endrin	06/04/90	5.2 µg/L	CRP 1, CRP 3, CRP 4
	05/04/90	0.177 µg/L	BGO 9D, FAC 4, FAC 5, FAC 6, FAC 7, FAC 8, FTF 9
Lead	05/22/90	11.2 µg/L	ASB 5A
	05/24/90	40 µg/L	ABP 3C, ABP 8C, MCB 5C, MCB 6C, MCB 7C
	06/11/90	11 µg/L	BG 91, BG 93, BG 96, BG 101, BG 104, BG 108, BG 109, BG 110, BG 121, BG 122, CRP 2, CSA 2, FCA 10A, FCA 19D
Lindane	05/04/90	0.038 µg/L	BGO 9D, FAC 4, FAC 5, FAC 6, FAC 7, FAC 8, HTF 9
Mercury Silica	06/29/90	1.3 µg/L	BG 94
	04/09/90	898 µg/L	MSB 19A, MSB 19B, MSB 19C
	05/06/90	1,930 µg/L	KAC 2, KAC 3, KAC 4
	05/17/90	917 µg/L	AOB 3, ASB 4, ASB 7, HSB107D, HSB116C
	05/17/90	875 µg/L	AOB 3, ASB 4, ASB 7, HSB107D, HSB116C
	06/06/90	22,000 µg/L	BG 91, BG 93, BG 96, BG 101, BG 104, BG 108, BG 109, BG 110, BG 121, BG 122, CRP 2, CSA 2, FCA 10A, FCA 16A, FCA 19D
Silver	05/09/90	25.6 µg/L	BGO 13D, BGO 16A, BGO 18A, BGO 18D, BGO 19D, BGO 21D, BGO 22D, BGO 23D, BGO 24D, BGO 27C
Sodium	04/18/90	230 µg/L	MSB 9A, MSB 10A, MSB 10B, MSB 11A, MSB 11B, MSB 11C, MSB 11D, MSB 11F
	04/18/90	231 µg/L	HSB 65C, HSB134C
	05/05/90	923 µg/L	KAC 2, KAC 3, KAC 4

The laboratory blanks in Table 5 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 5. General Engineering Laboratory Blanks With Elevated Results

<u>Analyte</u>	<u>Run Date</u>	<u>Result</u>	<u>Wells</u>
Aluminum	04/05/90	53.5 µg/L	MSB 17A, MSB 17B, MSB 39A, MSB 39B, MSB 39C, MSB 39D, MSB 39TA
Lead	06/11/90	30 µg/L	BG 91, BG 93, BG 96, BG 101, BG 104, BG 108, BG 109, BG 110, BG 121, BG 122, CRP 2, CSA 2, FCA 10A, FCA 16A, FCA 19D
Manganese	06/18/90	22 µg/L	CSD 10D, CSD 12D, CSD 13D
	06/26/90	66 µg/L	P 26A, TNX 1D, TNX 2D, TNX 3D, TNX 4D, TNX 5D, TNX 6D, TNX 7D, XSB 3A
Silica	04/20/90	1,270 µg/L	HSB117A

SAMPLE ANALYSIS

Table 5. General Engineering Laboratory Blanks With Elevated Results (cont.)

<u>Analyte</u>	<u>Run Date</u>	<u>Result</u>	<u>Wells</u>
Silica (cont.)	05/01/90	978 µg/L	BGO 1D, BGO 2D, BGO 3D, BGO 10A, BGO 10C, BGO 12A, BGO 12D
	05/02/90	725 µg/L	FSB 97A, FSB111C, HTF 9, HTF 28
	05/11/90	1,750 µg/L	HAC 1, HAC 2, HAC 3, HAC 4
Silver	05/11/90	19 µg/L	HAC 1, HAC 2, HAC 3, HAC 4
Sodium	05/02/90	289 µg/L	AMB 12D, PAC 1, PAC 2, PAC 3, PAC 4

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

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

<u>Analyte</u>	<u>Wells</u>
Aluminum	BG 101, MSB 31A, ZBG 1
Barium	MCB 7C
Cadmium	BG 108
Carbon tetrachloride	PRP 3
Carbonate	IDQ 3B, IDQ 6
Chloride	PAC 3
Chlorobenzene	LFW 7
Copper	BG 108, FNB 1
Iron	ASB 7, BG 91, BG 101, BGO 12D, CSD 1D, CSD 4D, IDQ 7, RDB 1D, TNX 6D
Lead	ASB 6A, ASB 8C, BG 93, BG 96, BG 104, BG 109, CRP 2, HAC 4, IDP 2, IDQ 3C, IDQ 7, MSB 13B
Magnesium	BGO 14C, TNX 1D
Manganese	MCB 6C
Mercury	BG 121, FAC 3, FAC 5, FAC 6, FAC 7, FAC 8, MSB 11B
Methylene chloride	LFW 38
Nickel	ASB 6A, BG 91
Nitrate as nitrogen	AMB 4, AMB 7, BG 121, BGO 27D, FCA 19D, IDB 1C, IDP 3A, IDP 3C, TNX 1D
Potassium	IDP 3C, MCB 7C
Silver	AMB 6, FSB101A
Sodium	PAC 3
Specific conductance	CSD 4D, IDB 1B, IDQ 2
Sulfate	MSB 13C, MSB 31C, PAC 3
Tetrachloroethylene	AC 2B, ACB 4A, HSB122A, MSB 10B, PRP 3
Total carbon	IDQ 3A, IDQ 3B, IDQ 3C
Total dissolved solids	BGO 34D, HSS 3D, IDQ 2
Total hydrocarbons	CSD 1D
Total inorganic carbon	IDQ 2, IDQ 3A, IDQ 3B, IDQ 3C, IDQ 4
Total organic carbon	ASB 4, ASB 5A, ASB 6A, ASB 7, ASB 8, BGO 12A, BGO 26D, BGO 28D, BGO 35D, CSD 1D, FAC 5, FAC 8, KAC 3, PAC 5
Total organic halogens	CSD 8D, MCB 5C, MCB 6C, P 26A

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

<u>Analyte</u>	<u>Wells</u>
Total phosphates	AMB 4, AMB 7, BG 96, BGO 10C, BGO 12A, BGO 14A, BGO 14C, BGO 25A, BRD 5D, CSD 9D, CSD 10D, MSB 17A, MSB 17B, MSB 39A, MSB 39B, MSB 39C, MSB 39D, MSB 39TA, TBG 1, TBG 4, TNX 1D, TNX 2D, TNX 3D, TNX 4D, TNX 5D, TNX 6D, TNX 7D, TNX 8D, TNX 9D, TNX 10D, TNX 11D, TNX 12D, YSB 4A
Trichloroethylene	ACB 4A, CRP 4, FAL 2, HSB122A, MSB 10B, MSB 13C, TNX 3D
Turbidity	BGO 9D, BGO 10C, BGO 12D, BGO 25A, FAC 7, KAC 1
Zinc	BG 93, BG 121, IDQ 2, IDQ 7
1,1-Dichloroethylene	MSB 9B
Gross alpha	BG 54, BG 61, BGO 12D, BGO 15D, H 16, PAC 1
Nonvolatile beta	BG 54, BG 61, H 16, IDP 3C
Total radium	ASB 8, ASB 8C, BGO 15D, LFW 7, MCB 6C, PAC 1, TNX 4D
Tritium	BGO 31D, IDQ 4, IDQ 6, KDT 1D

A technical review of the quarter's analytical data identified the analyses in Table 7 as low in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 7. General Engineering Samples With Low Analytical Results as Compared to Historical Data

<u>Analyte</u>	<u>Wells</u>
Aluminum	IDP 2
Barium	IDQ 6, MSB 36B
Calcium	BGO 14C, IDQ 3B, MCB 6C, PAC 5
Chloride	BRD 5D
Iron	ABP 3C, AMB 5, ASB 8, ASB 8A, ASB 8B, ASB 8C, ASB 9, BGO 28D, CSD 9D, MCB 7C, TNX 4D, XSB 3A, YSB 4A
Lead	AMB 8D, AMB 12D, IDQ 6, KDT 1D, RDB 3D
Magnesium	BGO 14A, KAC 2
Manganese	BG 108
Mercury	TBG 4
Nitrate as nitrogen	IDB 1A, IDB 1B, MSB 13C
pH	BGO 14C
Potassium	AMB 7, ASB 8B, IDB 1A, IDP 1, MCB 6C
Silica	BGO 18D, BGO 26A, IDQ 7
Sodium	AMB 7, MSB 13C
Specific conductance	AMB 7, ASB 7, BGO 14C, BGO 21D, BGO 28D, BGO 30D, BGO 32D, BGO 33C, MCB 6C, MSB 13C
Sulfate	ASB 1A, BGO 13D
Tetrachloroethylene	MSB 31B, RWM 3, TNX 8D
Total dissolved solids	BGO 26A, BGO 26D, BGO 31C, BGO 31D, BGO 36D, BGO 37D, BGO 38D, BGO 39D, HSS 1D, P 26D, TNX 1D
Total organic carbon	IDP 2, IDQ 2
Total organic halogens	LFW 38, TBG 1
Total phosphates	BG 103, BGO 18A, RDB 3D

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Table 7. General Engineering Samples With Low Analytical Results as Compared to Historical Data (cont.)

<u>Analyte</u>	<u>Wells</u>
Trichloroethylene	MSB 11D, MSB 12B
Trichlorofluoromethane	LFW 38
Zinc	IDP 1
1,1,1-Trichloroethane	PRP 3
Gross alpha	FTF 22, IDP 6, TNX 9D
Nonvolatile beta	FTF 22
Total radium	CSD 1D, MSB 43B
Tritium	ASB 8, MCB 7C

Table 8 lists the reasons General Engineering did not perform certain analyses.

Table 8. Analyses Not Performed by General Engineering

<u>Wells</u>	<u>Analytes</u>	<u>Reason</u>
BGO 4D, BGO 5C, BGO 5D, BGO 6A, BGO 6B, BGO 6C, BGO 6D, BGO 20D	All scheduled analyses for second quarter	No access to wells
BGO 7D, BGO 8A, BGO 8C, BGO 8D, BGO 12C, BGO 13D	All scheduled analyses for second quarter	Wells being renovated
BGO 13D	Gross alpha, herbicides/pesticides, nonvolatile beta, total radium	Insufficient water for complete sample collection
BGO 17D	All scheduled analyses for second quarter	Road constructed over well
FAC 3, FAC 6	Gross alpha, herbicides/pesticides, nonvolatile beta, total radium	Insufficient water for complete sample collection
FCA 2C, FCA 2D	All scheduled analyses for second quarter	Insufficient water
FCA 9C	All scheduled analyses for second quarter	Well casing obstructed with trash, preventing sample collection
MSB 15C	All scheduled analyses for second quarter	Unable to sample until recorder box is removed from well

Review of metaTRACE Analytical Data

Samples from the following 168 wells were analyzed after the 7-day holding time for total dissolved solids, although the laboratory received them before the holding time expired.

BG 54	BGO 11B	BGO 27B	BGO 33B	BRR 1D	BRR 3D
BG 61	BGO 11D	BGO 27C	BGO 33C	BRR 2D	BRR 4D

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BRR 5D	FSB 90D	FSB106C	HSB101C	HSB114C	HSB136D
CBR 1D	FSB 91C	FSB107C	HSB101D	HSB114D	HSB137C
CBR 2D	FSB 91D	FSB107D	HSB102C	HSB115C	HSB137D
CBR 3D	FSB 92D	FSB108D	HSB102D	HSB115D	HSB138D
CSD 8D	FSB 93C	FSB109C	HSB103C	HSB116C	HSB139A
FSB 76	FSB 93D	FSB110C	HSB103D	HSB116D	HSB139C
FSB 76A	FSB 94C	FSB110D	HSB104C	HSB117C	HSB139D
FSB 76B	FSB 95C	FSB111C	HSB104D	HSB117D	HTF 9
FSB 76C	FSB 96A	FSB111D	HSB105D	HSB118A	HTF 28
FSB 77	FSB 97A	HAC 1	HSB106C	HSB119A	KAC 4
FSB 78	FSB 97C	HSB 66	HSB106D	HSB120A	MSB 29B
FSB 78A	FSB 97D	HSB 67	HSB107C	HSB121A	MSB 35A
FSB 78B	FSB 98A	HSB 68	HSB107D	HSB124A	MSB 47B
FSB 78C	FSB 98C	HSB 69	HSB108C	HSB125D	MSB 50B
FSB 79	FSB 98D	HSB 70	HSB108D	HSB126C	P 26A
FSB 79A	FSB 99A	HSB 70C	HSB109C	HSB126D	PAC 1
FSB 79B	FSB 99C	HSB 71	HSB109D	HSB127C	TBG 1
FSB 79C	FSB 99D	HSB 83D	HSB110C	HSB127D	TBG 3
FSB 87A	FSB100A	HSB 84D	HSB110D	HSB129C	TBG 4
FSB 87B	FSB101A	HSB 85B	HSB111C	HSB129D	TBG 5
FSB 87C	FSB102C	HSB 86A	HSB111D	HSB131C	TBG 5A
FSB 88C	FSB103C	HSB 86B	HSB111E	HSB131D	TBG 6
FSB 88D	FSB104C	HSB 86C	HSB112C	HSB134D	TBG 7
FSB 89C	FSB104D	HSB 86D	HSB112D	HSB135C	TNX 2D
FSB 89D	FSB105C	HSB100C	HSB112E	HSB135D	XSB 1A
FSB 90C	FSB105D	HSB100D	HSB113D	HSB136C	XSB 1B

Samples from the following 12 wells were analyzed after the 7-day holding time for total organic halogens because the instruments used for analysis failed.

LFW 6	LFW 21	LFW 23	LFW 36	LFW 39	LFW 41
LFW 8	LFW 22	LFW 24	LFW 37	LFW 40	LFW 42

Samples from the following 32 wells were analyzed after the 7-day holding time for total organic halogens, although the laboratory received them before the holding time expired.

BGO 33B	BRR 6D	FSB 90D	HSB107C	HSB111E	HTF 9
BGO 33C	CBR 1D	HSB102C	HSB107D	HSB112C	HTF 28
BRR 1D	CBR 2D	HSB102D	HSB109D	HSB112D	
BRR 3D	CBR 3D	HSB104D	HSB110D	HSB116C	
BRR 4D	CSD 10D	HSB106C	HSB111C	HSB116D	
BRR 5D	FSB 90C	HSB106D	HSB111D	HSB138D	

Samples from the following 9 wells were analyzed after the 7-day holding time for herbicides/pesticides, although the laboratory received them before the holding time expired: BGO 33B, BGO 33C, HSB 70C, HSB107C, HSB107D, HSB109D, HSB116C, HSB116D, and HSB138D.

Samples from the following 8 wells were analyzed after the 7-day holding time for sulfide, although the laboratory received them before the holding time expired: BRR 1D, BRR 2D, BRR 3D, BRR 4D, BRR 5D, CBR 1D, CBR 2D, and CBR 3D.

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Samples from wells MSB 35C, MSB 47B, and MSB 50B were analyzed after the 14-day holding time for GCMS VOA, although the laboratory received them before the holding time expired.

Samples from wells AMB 10D and HSB 70C were analyzed after the 14-day holding time for cyanide, although the laboratory received them before the holding time expired.

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

BGO 11B	FSB 91C	HSB 70C	HSB107C	HSB111D	HSB116D
BGO 11D	FSB 91D	HSB 71	HSB107D	HSB111E	HSB138D
BGO 33B	FSB 93D	HSB102C	HSB108C	HSB112C	HSB139D
BGO 33C	FSB107D	HSB102D	HSB109D	HSB112D	MSB 29B
FSB 88D	FSB110D	HSB106C	HSB110D	HSB112E	
FSB 90C	HSB 70	HSB106D	HSB111C	HSB116C	

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

Table 9. metaTRACE EPD/EMS Blind Blanks With Elevated Results

<u>Analyte</u>	<u>Run Date</u>	<u>Result</u>	<u>Well Samples Accompanying Blind Blanks</u>
Aluminum	04/10/90	99.6 µg/L	HSB 86A, HSB 86B, HSB118A, HSB126C, HSB127C, HSB139A
Chromium	07/05/90	9.8 µg/L	HSB 65A, HSB 65C, HSB 68A, HSB 84A, HSB 84B
Methylene chloride	05/15/90	22 µg/L	HSB107C, HSB107D, HSB109D, HSB116C, HSB116D, HSB138D
Zinc	04/10/90	16.7 µg/L	HSB 86A, HSB 86B, HSB118A, HSB126C, HSB127C, HSB139A

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 10.

Table 10. metaTRACE Laboratory Blanks With Elevated Results

<u>Analyte</u>	<u>Run Date</u>	<u>Result</u>	<u>Well Samples Accompanying Blanks</u>
Aluminum	04/10/90	95.2 µg/L	HSB 86A, HSB 86B, HSB118A, HSB126C, HSB127C, HSB139
		73.3 µg/L	
	05/22/90	63.6 µg/L	HSB102C, HSB102D, HSB106C, HSB106D, HSB110D, HSB111C, HSB111D, HSB111E, HSB112C, HSB112D, HSB112E
Antimony	06/11/90	75.9 µg/L	ZBG 1
	04/06/90	4.81 µg/L	HSB100C, HSB101C, HSB131D

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Table 10. metaTRACE Laboratory Blanks With Elevated Results (cont.)

<u>Analyte</u>	<u>Run Date</u>	<u>Result</u>	<u>Well Samples Accompanying Blanks</u>
Barium	05/22/90	56.8 µg/L	BGO 27C, BGO 33C, FSB 90C, FSB 90D, HSB102C, HSB102D, HSB106C, HSB106D, HSB110D, HSB111C, HSB111D, HSB111E, HSB112C, HSB112D, HSB112E
	07/02/90	18 µg/L	BRR 2D, LFW 28, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34, LFW 38
Calcium	05/22/90	24,670 µg/L	BGO 27C, BGO 33C, FSB 90C, FSB 90D, HSB102C, HSB102D, HSB106C, HSB106D, HSB110D, HSB111D, HSB111C, HSB111E, HSB112C, HSB112D, HSB112E
	07/20/90	18,800 µg/L	BRR 2D
Chromium	04/12/90	16.4 µg/L	HSB 68A, HSB 68B, HSB 68C, HSB 69A, HSB 84B, HSB 84C, HSB104D, HSB113C, HSB127D, HSB 84A
	04/19/90	75.5 µg/L	HSB 65, HSB 65A, HSB 65B, HSB 65C, HSB134C
		60.6 µg/L	HSB 65, HSB 65A, HSB 65B, HSB 65C, HSB134C
	05/08/90	146 µg/L	FSB 76, FSB 77, FSB 79, FSB 79C, HSB 71, HSB101D, HSB110C, HSB117C, HSB117D, HSB119A, HSB120A
		316 µg/L	FSB 76, FSB 77, FSB 79, FSB 79C, HSB 71, HSB101D, HSB110C, HSB117C, HSB117D, HSB119A, HSB120A
	06/26/90	42.7 µg/L	BRR 1D, BRR 3D, BRR 4D, BRR 5D, CBR 1D, CBR 2D, CBR 3D
Copper	05/08/90	789 µg/L	FSB 76, FSB 77, FSB 79, FSB 79C, FSB101D, HSB 71, HSB110C, HSB117C, HSB117D, HSB119A, HSB120A, HSB135C
		13.2 µg/L	HSB 68A, HSB 68B, HSB 68C, HSB 69A, HSB 84A, HSB 84B, HSB 84C, HSB104D, HSB113C, HSB127D
Iron	04/12/90	309 µg/L	HSB105C, HSB125C
	04/18/90	209 µg/L	HSB 65, HSB 65A, HSB 65B, HSB 65C, HSB134C
		191 µg/L	HSB 65, HSB 65A, HSB 65B, HSB 65C, HSB134C
	04/19/90	513 µg/L	FSB 76A, FSB 76B, FSB 76C, FSB 79A, FSB 79B, FSB101A
	05/03/90	999 µg/L	FSB 76, FSB 77, FSB 79, FSB 79C, HSB 71, HSB101D, HSB110C, HSB117C, HSB117D, HSB119A, HSB120A, HSB135C
		331 µg/L	FSB 76, FSB 77, FSB 79, FSB 79C, HSB 71, HSB101D, HSB110C, HSB117C, HSB117D, HSB119A, HSB120A, HSB135C
	05/08/90	211 µg/L	BGO 11D, HSB 70, HSB108C, HSB139D, MSB 29B
		272 µg/L	BRR 1D, BRR 3D, BRR 4D, BRR 5D, CBR 1D, CBR 2D, CBR 3D
	05/18/90	587 µg/L	BRR 2D, LFW 28, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34, LFW 38
	Lead	06/05/90	208 µg/L
3,433 µg/L			ASB 7, FNB 1, FNB 2, HSB 70C, HSB 71C, PSB 1A, PSB 2A, PSB 3A, PSB 6A, PSB 7A
Magnesium	07/02/90	590 µg/L	FSB 75, FSB 77, FSB 79, FSB 79C, HSB 71, HSB101D, HSB110C, HSB117C, HSB117D, HSB119A, HSB120A, HSB135C
		14.6 µg/L	FSB 75, FSB 77, FSB 79, FSB 79C, HSB 71, HSB101D, HSB110C, HSB117C, HSB117D, HSB119A, HSB120A, HSB135C

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Table 10. metaTRACE Laboratory Blanks With Elevated Results (cont.)

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Magnesium (cont.)	05/22/90	3,323 $\mu\text{g/L}$	BGO 27C, BGO 33C, FSB 90C, FSB 90D, HSB102C, HSB102D, HSB106C, HSB106D, HSB110D, HSB111C, HSB111D, HSB111E, HSB112C, HSB112D, HSB112E
	07/02/90	402 $\mu\text{g/L}$	BRR 2D, LFW 28, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34, LFW 38
Manganese	04/19/90	25.1 $\mu\text{g/L}$	HSB 65, HSB 65A, HSB 65B, HSB 65C, HSB134C
	05/22/90	21.4 $\mu\text{g/L}$	BGO 27C, BGO 33C, FSB 90C, FSB 90D, HSB102C, HSB102D, HSB106C, HSB106D, HSB110D, HSB111C, HSB111D, HSB111E, HSB112C, HSB112D, HSB112E
	06/26/90	55.6 $\mu\text{g/L}$	BRR 1D, BRR 3D, BRR 4D, BRR 5D, CBR 1D, CBR 2D, CBR 3D
	07/02/90	134 $\mu\text{g/L}$	BRR 2D, LFW 28, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34, LFW 38
Potassium	05/22/90	2,137 $\mu\text{g/L}$	BGO 27C, BGO 33C, FSB 90C, FSB 90D, HSB102C, HSB102D, HSB106C, HSB106D, HSB110D, HSB111C, HSB111D, HSB111E, HSB112C, HSB112D, HSB112E
Silica	05/22/90	10,908 $\mu\text{g/L}$	BGO 27C, BGO 33C, FSB 90C, FSB 90D, HSB102C, HSB102D, HSB106C, HSB106D, HSB110D, HSB111C, HSB111D, HSB111E, HSB112C, HSB112D, HSB112E
	07/02/90	10,557 $\mu\text{g/L}$	BRR 2D, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34, LFW 38
Sodium	05/22/90	11,420 $\mu\text{g/L}$	BGO 27C, BGO 33C, FSB 90C, FSB 90D, HSB102C, HSB102D, HSB106C, HSB106D, HSB110D, HSB111C, HSB111D, HSB111E, HSB112C, HSB112D, HSB112E
	07/02/90	21,130 $\mu\text{g/L}$	BRR 2D, LFW 28, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34, LFW 38
Specific conductance	04/25/90	146 $\mu\text{S/cm}$	FSB 87C, FSB 92D, FSB 97A, FSB 98C, FSB 99C, FSB102C, FSB105C, FSB106C
	04/30/90	219 $\mu\text{S/cm}$	FSB 78, FSB 78C, FSB 88C, FSB 89C, FSB 94C, FSB 95C, FSB 98A, FSB100A, FSB108D, HSB 85B, HSB136C, HSB137C, KAC 4
	05/09/90	118 $\mu\text{S/cm}$	FSB 89D, FSB107C, HAC 1, MSB 31B
Sulfate	04/04/90	7.76 mg/L	HSB103C
Sulfide	04/04/90	7.76 mg/L	HSB103C
	06/14/90	7.12 mg/L	LFW 22
Zinc	06/25/90	8.94 mg/L	BRR 1D, BRR 3D, BRR 4D, BRR 5D, CBR 1D, CBR 2D, CBR 3D
	04/05/90	29.6 $\mu\text{g/L}$	HSB100C, HSB101C, HSB131D, MSB 17B
	05/08/90	294 $\mu\text{g/L}$	FSB 76, FSB 77, FSB 79, FSB 79C, HSB 71, HSB101D, HSB110C, HSB117C, HSB117D, HSB119A, HSB120A, HSB135C

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Table 10. metaTRACE Laboratory Blanks With Elevated Results (cont.)

<u>Analyte</u>	<u>Run Date</u>	<u>Result</u>	<u>Well Samples Accompanying Blanks</u>
Zinc (cont.)	05/22/90	25 µg/L	BGO 27C, BGO 33C, FSB 90C, FSB 90D, HSB102C, HSB102D, HSB106C, HSB106D, HSB110D, HSB111C, HSB111D, HSB111E, HSB112C, HSB112D, HSB112E
	07/02/90	421 µg/L	BRR 2D, LFW 28, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34, LFW 38

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

Table 11. metaTRACE Samples With High Analytical Results as Compared to Historical Data

<u>Analyte</u>	<u>Wells</u>
Aluminum	HSB 85B, HSB115D, HSB131D
Barium	HSB109D
Cadmium	FSB 94C
Calcium	FSB 77, FSB 91D, FSB 93D, FSB100A
Chromium	FSB 98D, HSB 65A, HSB 65C, HSB 68A, HSB 84B, HSB117A, HSB134C, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34, LFW 38, PSB 2A
Cobalt	FSB 94C
Copper	FSB 93D
Cyanide	FSB 78
Ethylbenzene	LFW 22
Iron	ASB 7, CSD 10D, FSB 94C, HSB 65A, HSB 65C, HSB 68A, HSB117A, HSB131D, HSB134C
Lead	CSD 10D, PSB 6A
Magnesium	FSB 94C, FSB 96A, FSB100A
Manganese	CSD 10D, FSB 94C, HSB 83D
Mercury	FSB 77, FSB107D, HSB 67, HSB104D, LFW 39
Methylene chloride	HSB106C, LFW 22, LFW 38, LFW 39, LFW 40
Nickel	HSB108C, YSB 2A, YSB 4A
Nitrate as nitrogen	FSB 98C, NBG 5
Phenols	TBG 3
Potassium	CSD 10D
Specific conductance	HSB117D, LFW 28, LFW 29
Sulfate	FSB 97D
Sulfide	CSD 10D
Tetrachloroethylene	RWM 3
Toluene	FSB 96A, LFW 22
Total dissolved solids	HSB 86D
Total organic carbon	FSB 93D, FSB 95C, LFW 22, LFW 40
Total organic halogens	CSD 8D, FSB 95C, HSB114D, P 26A
Total phosphates	CSD 10D, FSB 76, FSB 98D, HSB 66
trans-1,2-Dichloroethene	LFW 21, LFW 38, LFW 39
Trichloroethylene	KDB 3, RWM 3, TBG 6
Trichlorofluoromethane	LFW 22

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Table 11. metaTRACE Samples With High Analytical Results as Compared to Historical Data (cont.)

<u>Analyte</u>	<u>Wells</u>
Gross alpha	BG 54, BG 61, BG 67, F 15, FSB 89D, H 16, MGE 30, RSA 10, RSB 7, RSD 1, RSE 9, RSE 10
Nonvolatile beta	BG 54, BG 61, F 15, FNB 4, FSB 94C, H 16, HSB100C, HSB105D, HSB109D, HSB113D, LFW 8, LSB 2, MGE 30, RSB 7, RSE 9, RSE 10, TBG 7
Total radium	FSB 78, FSB 88D, FSB 94C, HSB 86C, HSB 86D, HSB102C, HSB113D
Tritium	FSB 79A, HSB 65B, KSB 4A, YSB 3A

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

Table 12. metaTRACE Samples With Low Analytical Results as Compared to Historical Data

<u>Analyte</u>	<u>Wells</u>
Calcium	FSB 90C
Chloride	FSB109D
Cobalt	FSB 98D
Fluoride	FSB 91D, FSB105D, FSB110D
Iron	FNB 3, FSB 93D, TBG 6
Lead	FNB 1, FSB 90D, FSB 91D, FSB 93D, FSB107D, XSB 5A
Magnesium	FSB 90C, HSB 85B, HSB122A
Nickel	FSB 98D
Nitrate as nitrogen	FSB 97C, FSB 98D, FSB109D, HSB110D, NBG 2
pH	FSB 94C
Potassium	FSB 76A, FSB 94C, FSB 98A, FSB100A, HSB114C
Sodium	FSB 90C, FSB 98A, FSB100A
Specific conductance	CSD 8D, FSB 78, FSB 93D, FSB 97D, FSB 98D, FSB110D, HAC 1, HSB110D, HSB111E, HSB120A, HSB124A
Total dissolved solids	FSB 90C, FSB 98A, HSB101C, HSB110C, HSB114C, HSB116C, HSB124A, HSB131D, TBG 1
Total organic carbon	HSB126D
Trichloroethylene	CSB 3A, TBG 5
Uranium	FSB 93D
1,1-Dichloroethane	LFW 18
Gross alpha	BG 67, F 15, H 16, HSB114C, MGE 30, XSB 5A
Nonvolatile beta	FSB100A, HSB111E
Total radium	FSB 98A, HSB111E
Tritium	FSB 98A, FSB105D, FSB109D, HSB 69, HSB105D, HSB110D

Table 13 lists the reasons metaTRACE did not perform certain analyses.

Table 13. Analyses Not Performed by metaTRACE

<u>Wells</u>	<u>Analytes</u>	<u>Reasons</u>
BGO 27C, BGO 33C	Acetophenone, naphthalene	Incorrect sample aliquot collected
BRR 5D	Appendix IX dioxins/furans, Appendix IX base/neutral/acid	Insufficient water for complete sample collection
HTF 5, HTF 6, HTF 7, HTF 8	All scheduled analyses for second quarter	Pump not working
KRB 14, KRB 15	All scheduled analyses for second quarter	Construction prevented sample collection
PSB 1A, PSB 6A	GC VOA	Vials broke during refrigeration at laboratory

Review of the M-Area Analytical Data

The results in Table 14 appear to be considerably different from historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 14. M-Area Samples With Analytical Results Different From Historical Data

<u>Analyte</u>	<u>Wells</u>
Chloroform	SRW 6, SRW 7
Tetrachloroethylene	MSB 15AA, MSB 25A, MSB 26A, MSB 52B, RWM 8, RWM 11
Trichloroethylene	MSB 15AA, MSB 23TA, MSB 26A, MSB 34B, MSB 52B
trans-1,2-Dichloroethene	MSB 28A, MSB 38C
1,1,1-Trichloroethane	SRW 11

Review of the Teledyne Analytical Data

A technical review of the quarter's analytical data identified the analyses in Table 15 to be considerably different from historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 15. Teledyne Samples With Analytical Results Different From Historical Data

<u>Analyte</u>	<u>Wells</u>
Americium-241	BGO 19D, BGO 33C, FSB 78, FSB 78C, HSB116D, HSB129D
Americium-243	BGO 22D, FSB 78C, HSB 85B, HSB116D
Carbon-14	FSB 79, FSB 79A, FSB 89D, FSB 91D, FSB102C, FSB106C, HSB107D
Cobalt-60	FSB 89D
Curium-242	FSB 89D
Curium-243/244	FSB 78, FSB 78C, FSB 91D, HSB 85B
Curium-246	HSB129D
Gross alpha	FSB 76

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Table 15. Teledyne Samples With Analytical Results Different From Historical Data (cont.)

<u>Analyte</u>	<u>Wells</u>
Iodine-129	FSB 91D, FSB110D, HSB107D, HSB111E, HSB116D
Iron-55	FSB 76A, FSB 76C, HSB137D
Nickel-59	HSB129D
Nonvolatile beta	HSB107D
Plutonium-239/240	BGO 9D, HSB139D
Plutonium-242	FSB 89D, FSB110D, HSB111E
Radium-228	HSB139D
Strontium-90	HSB139D
Technetium-99	BGO 19D, BGO 27C
Thorium-228	BGO 9D, BGO 10A, BGO 11D, FSB 76B, FSB 78, FSB 78A, FSB 79, FSB 79A, FSB 79C, FSB 89D, FSB 91D, FSB 92D, FSB103C, FSB104D, FSB106C, HSB 85B, HSB129D, HSB137D, HSB139D
Thorium-230	BGO 9D, BGO 10A, BGO 10C, BGO 11D, BGO 15D, BGO 33C, FSB 76, FSB 76B, FSB 78, FSB 78C, FSB 79A, FSB 90D, FSB 92D, FSB103C, FSB104D, HSB 85B, HSB116D, HSB129D, HSB139D
Thorium-232	BGO 9D, BGO 10A, BGO 10C, BGO 22D, FSB 89D, FSB 90D, FSB 92D, FSB106C
Uranium-234	BGO 10C, BGO 15D, BGO 22D, BGO 27C, FSB104D
Uranium-235	BGO 15D, FSB 78C, FSB 89D, FSB104D, FSB110D

Table 16 lists the reasons Teledyne did not perform certain analyses.

Table 16. Analyses Not Performed by Teledyne

<u>Wells</u>	<u>Analytes</u>	<u>Reason</u>
FCA 2C, FCA 2D	All scheduled analyses for second quarter	Insufficient water for complete sample collection
FCA 9C	All scheduled analyses for second quarter	Well casing obstructed with trash, preventing sample collection

Review of the EPD/EMS Laboratory Drinking Water Analytical Data

The results from the drinking water analyses shown in Table 17 appear to be considerably different from previous results. A review of the EPD/EMS Laboratory records did not reveal any problems with the analyses.

Table 17. Sites With EPD/EMS Drinking Water Analytical Results Different From Historic Results

<u>Analyte</u>	<u>Sites</u>
Gross alpha	105-K Building, 105-P Building
Nonvolatile beta	105-C Building
Tritium	Central Shops, Firing Range, Forestry Building, Par Pond Laboratory, Talatha Gate, TC-1 (704-B), 105-K Building, 105-L Building, 105-P Building, 617-G Wackenhut Training Facility, 701-13G Barricade 6

Review of the EPD/EMS Laboratory Radioactive Analytical Data

The results from radioactive analyses shown in Table 18 appear to be considerably different from previous results. A review of the EPD/EMS Laboratory records did not reveal any problems with the analyses.

Table 18. Samples With EPD/EMS Radioactive Analytical Results Different From Historic Results

<u>Analyte</u>	<u>Wells</u>
Gross alpha	H 14, H 16, HTF 16, HTF 18, HTF 19, HTF 20, HTF 28, KRB 1, RSD 1
Nonvolatile beta	HR3 11, HTF 28, KRB 8, KSB 2, PSB 1A, PSB 6A, RSD 3, RSD 5, RSD 6, RSD 7, RSE 3A
Total activity	FSB105D, FSB109D, HSB 67, HSB 71, HSB111E, HSB139D, IDP 1, IDP 2, KDT 1D, KSB 3, KSB 4A
Tritium	BG 52, H 18A, KSB 4A

Table 19 lists the reasons the EPD/EMS Laboratory did not perform certain analyses.

Table 19. Analyses Not Performed by the EPD/EMS Laboratory

<u>Wells</u>	<u>Analytes</u>	<u>Reason</u>
FCA 2C, FCA 2D	All scheduled analyses for second quarter	Insufficient water for complete sample collection
FCA 9C	All scheduled analyses for second quarter	Well casing obstructed with trash, preventing sample collection

ANALYTICAL METHODS

Laboratories performed analyses using the EPA methods listed in Table 20, 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 20.

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.

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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 20. Methods and Detection Limits Used by metaTRACE and General Engineering

Analyte	GE		MT	
	Method	Detection Limit	Method	Detection Limit
a,a-Dimethylphenethylamine	8270	10 µg/L	8270	10 µg/L
Acenaphthene	8270	10 µg/L	8270	10 µg/L
Acenaphthylene	8270	10 µg/L	8270	10 µg/L
Acetone	8240	10 µg/L	8240	10 µg/L
Acetonitrile (Methyl cyanide)	8240	1 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	8270	10 µg/L	8080	0.05 µg/L
	8080	0.1 µg/L		
Alkalinity	-	-	310.1	-
Allyl chloride	8240	1 µg/L	8240	100 µg/L
alpha-Benzene hexachloride	8270	10 µg/L	8080	0.05 µg/L
	8080	0.1 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	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	-	-	8270	10 µg/L
Barium	6010	3 µg/L	200.7	10 µg/L
Benzene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Benzidine	8270	10 µg/L	8270	50 µg/L
Benzo[a]anthracene	8270	10 µg/L	8270	10 µg/L
Benzo[a]pyrene	8270	10 µg/L	8270	10 µg/L
Benzo[b]fluoranthene	8270	10 µg/L	-	-
Benzo bfluoranthene	-	-	8270	10 µg/L
Benzo[g,h,i]perylene	8270	10 µg/L	8270	10 µg/L
Benzo[k]fluoranthene	8270	10 µg/L	8270	10 µg/L
Benzoic acid	-	-	8270	50 µg/L
Benzyl alcohol	8270	20 µg/L	8270	10 µg/L
Beryllium	6010	3 µg/L	200.7	3 µg/L
beta-Benzene hexachloride	8270	10 µg/L	8080	0.05 µg/L
	8080	0.1 µg/L		
beta-Endosulfan	8270	10 µg/L	-	-
Bis(chloromethyl)ether	8270	10 µg/L	-	-

- Not analyzed or no detection limit.

SAMPLE ANALYSIS

Table 20. Methods and Detection Limits Used by metaTRACE and General Engineering (cont.)

Analyte	GE		MT	
	Method	Detection Limit	Method	Detection Limit
Bis(chloromethyl-ethyl)ether	8240	1 µg/L	8270	10 µg/L
Bis(2-chloroethoxy) methane	8270	10 µg/L	8270	10 µg/L
Bis(2-chloroethyl) ether	8270	10 µg/L	8270	10 µg/L
Bis(2-chloroisopropyl) ether	8270	10 µg/L	8270	10 µg/L
Bis(2-ethylhexyl) phthalate	8080	1 µg/L	625	10 µg/L
	8270	10 µg/L	8270	10 µg/L
Bromodichloromethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Bromoform	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Bromomethane (Methyl bromide)	8240	1 µg/L	624	10 µg/L
			8240	5 µg/L
Butylbenzyl phthalate	8270	10 µg/L	8270	10 µg/L
Cadmium	6010	2 µg/L	200.7	4 µg/L
Calcium	6010	10 µg/L	200.7	40 µg/L
Carbonate	310.1	1 mg/L	-	-
Carbon disulfide	8240	1 µg/L	8240	5 µg/L
Carbon tetrachloride	8240	1 µg/L	624	5 µg/L
	8010	2 µg/L	601	1 µg/L
			8240	5 µg/L
Chlordane	8270	10 µg/L	8080	1 µg/L
	8080	0.1 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
Chloroethyl vinyl ether	8240	1 µg/L	-	-
Chloroform	8240	1 µg/L	624	5 µg/L
	8010	2 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	1 µg/L	8240	5 µg/L
Chromium	6010	4 µg/L	200.7	5 µg/L
Chrysene	8270	10 µg/L	8270	10 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	20 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	8270	10 µg/L	8080	0.05 µg/L
	8080	0.1 µg/L		

- Not analyzed or no detection limit.

SAMPLE ANALYSIS

Table 20. Methods and Detection Limits Used by metaTRACE and General Engineering (cont.)

Analyte	GE		MT	
	Method	Detection Limit	Method	Detection Limit
Diallate	8270	10 µg/L	8270	10 µg/L
Dibenz[<i>a,h</i>]anthracene	8270	10 µg/L	8270	10 µg/L
Dibenzofuran	8270	10 µg/L	8270	10 µg/L
Dibromochloromethane	8240	1 µg/L	624 8240	5 µg/L 5 µg/L
Dibromochloropropane	8240	1 µg/L	-	-
Dibromomethane (Methylene bromide)	8240	1 µg/L	8240	10 µg/L
Dichlorodifluoromethane	8240	1 µg/L	8240	5 µg/L
Dichloromethane (Methylene chloride)	8240	1 µg/L	624 8240	5 µg/L 5 µg/L
Dieldrin	8270 8080	10 µg/L 0.1 µg/L	8080	0.1 µg/L
Diethyl phthalate	8270	10 µg/L	8270	10 µg/L
Dimethoate	8270	10 µg/L	8270	10 µg/L
Dimethyl phthalate	8270	10 µg/L	8270	10 µg/L
Di-n-butyl phthalate	8270	10 µg/L	8270	10 µg/L
Di-n-octyl phthalate	8270	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
Endosulfan II	8080	0.1 µg/L	8080	0.1 µg/L
Endosulfan sulfate	8270 8080	10 µg/L 0.1 µg/L	8080	0.1 µg/L
Endrin	8080 8270	0.0012 µg/L 10 µg/L	608 8080	0.006 µg/L 0.1 µg/L
Endrin aldehyde	8270 8080	10 µg/L 0.1 µg/L	8080	0.2 µg/L
Ethylbenzene	8240	1 µg/L	624 8240	5 µg/L 5 µg/L
Ethyl methacrylate	8270	10 µg/L	8240 8270	5 µg/L 10 µg/L
Ethyl methanesulfonate	8270	10 µg/L	8270	10 µg/L
Famphur	8270	10 µg/L	8270	10 µg/L
Fluoranthene	8270	10 µg/L	8270	10 µg/L
Fluorene	8270	10 µg/L	8270	10 µg/L
Fluoride	340.1	0.1 mg/L	300.0	0.25 mg/L
gamma-Benzene hexachloride (Lindane)	8080 8270	0.001 µg/L 10 µg/L	608 8080	0.005 µg/L 0.05 µg/L
Heptachlor	8270 8080	10 µg/L 0.1 µg/L	8080	-
Heptachlor epoxide	8270 8080	10 µg/L 0.1 µg/L	8080	0.05 µg/L
Heptachlorodibenzo-p-dioxin isomers	8280	0.65 ng/L	8280	1.93 ng/L
Heptachlorodibenzo-p-furan isomers	8280	0.45 ng/L	8280	1.87 ng/L

- Not analyzed or no detection limit.

SAMPLE ANALYSIS

Table 20. Methods and Detection Limits Used by metaTRACE and General Engineering (cont.)

Analyte	GE		MT	
	Method	Detection Limit	Method	Detection Limit
Hexachlorobenzene	8270	10 µg/L	8270	10 µg/L
Hexachlorobutadiene	8270	10 µg/L	8270	10 µg/L
Hexachlorocyclopentadiene	8270	10 µg/L	8270	10 µg/L
Hexachlorodibenzo-p-dioxin isomers	8280	0.45 ng/L	8280	2.51 ng/L
Hexachlorodibenzo-p-furan isomers	8280	0.4 ng/L	8280	2.11 ng/L
Hexachloroethane	8270	10 µg/L	8270	10 µg/L
Hexachlorophene	8270	10 µg/L	8270	10 µg/L
Hexachloropropene	8270	10 µg/L	8270	10 µg/L
Indeno[1,2,3-c,d]pyrene	8270	10 µg/L	8270	10 µg/L
Iodine	415	0.1 mg/L	-	-
Iodomethane (Methyl iodide)	8240	1 µg/L	8240	5 µg/L
Iron	6010	4 µg/L	200.7	21 µg/L
Isobutyl alcohol	8240	1 µg/L	-	-
Isodrin	8270	10 µg/L	8270	10 µg/L
			8080	0.1 µg/L
Isophorone	8270	10 µg/L	8270	10 µg/L
Isosafrole	8270	10 µg/L	8270	10 µg/L
Kepone	8270	10 µg/L	8270	10 µg/L
			8080	0.1 µg/L
Lead	7421	3 µg/L	7421	2 µg/L
m-Cresol (3-Methylphenol)	8270	10 µg/L	8270	10 µg/L
Magnesium	6010	2 µg/L	200.7	10 µg/L
Manganese	6010	2 µg/L	200.7	5 µg/L
Mercury	7470	0.2 µg/L	245.1	0.2 µg/L
Methacrylonitrile	8240	1 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	10 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	20 µg/L
Naphthalene	8270	10 µg/L	8270	10 µg/L
Nickel	6010	4 µg/L	200.7	5.2 µg/L
Nitrate as nitrogen	300.0	0.05 mg/L	352.1	0.02 mg/L
	353.3	0.05 mg/L		
Nitrite as nitrogen	300.0	0.01 mg/L	300.0	0.08 mg/L
Nitrobenzene	8270	10 µg/L	8270	10 µg/L
N-Nitrosodiethylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosodimethylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosodi-n-butylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosodiphenylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosodi-propylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosomethylethylamine	8270	10 µg/L	8270	10 µg/L

- Not analyzed or no detection limit.

SAMPLE ANALYSIS

Table 20. Methods and Detection Limits Used by metaTRACE and General Engineering (cont.)

Analyte	GE		MT	
	Method	Detection Limit	Method	Detection Limit
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 isomer	8280	1 ng/L	8280	3.29 ng/L
Octachlorodibenzo-p-furan isomer	8280	1 ng/L	8280	4.12 ng/L
Oil and grease	413.1	1 mg/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
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		
PCB 1221	8270	150 µg/L	8080	0.5 µg/L
	8080	0.1 µg/L		
PCB 1232	8270	150 µg/L	8080	0.5 µg/L
	8080	0.1 µg/L		
PCB 1242	8270	150 µg/L	8080	0.5 µg/L
	8080	0.1 µg/L		
PCB 1248	8270	150 µg/L	8080	0.5 µg/L
	8080	0.1 µg/L		
PCB 1254	8270	150 µg/L	8080	1 µg/L
	8080	0.1 µg/L		
PCB 1260	8270	150 µg/L	8080	1 µg/L
	8080	0.1 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
p-(Dimethylamine)ethylbenzene	8270	10 µg/L	-	-
Pentachlorobenzene	8270	10 µg/L	8270	10 µg/L
Pentachlorodibenzo-p-dioxin isomers	8280	0.55 ng/L	8280	7.51 ng/L
Pentachlorodibenzo-p-furan isomers	8280	0.55 ng/L	8280	2.45 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	8270	50 µg/L
pH	150.1	-	150.1	-
Phenacetin	8270	10 µg/L	8270	10 µg/L
Phenanthrene	8270	10 µg/L	8270	10 µg/L
Phenols	420.1	5 µg/L	420.1	5 µg/L
	8270	10 µg/L	8270	10 µg/L
Phorate	8080	0.1 µg/L	8270	10 µg/L
Potassium	6010	500 µg/L	200.7	600 µg/L
p,p'-DDD	8270	10 µg/L	-	-
	8080	0.1 µg/L		

- Not analyzed or no detection limit.

SAMPLE ANALYSIS

Table 20. Methods and Detection Limits Used by metaTRACE and General Engineering (cont.)

Analyte	GE		MT	
	Method	Detection Limit	Method	Detection Limit
p,p'-DDE	8270	10 µg/L	8080	0.1 µg/L
	8080	0.1 µg/L		
p,p'-DDT	8270	10 µg/L	8080	0.1 µg/L
	8080	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	1 µg/L	8240	5 µg/L
Pyrene	8270	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	2140 µg/L
Silver	6010	2 µg/L	200.7	2 µg/L
Sodium	6010	10 µg/L	200.7	10 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
Sulfide	9030	1 mg/L	376.1	1 mg/L
Sulfotep	8270	10 µg/L	-	-
Tetrachlorodibenzo-p-dioxin isomers	8280	0.45 ng/L	8280	4.3 ng/L
Tetrachlorodibenzo-p-furan isomers	8280	0.4 ng/L	8280	3.29 ng/L
Tetrachloroethylene	8240	1 µg/L	624	5 µg/L
	8010	2 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
Tin	282.2	2 µg/L	200.7	1000 µg/L
Toluene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Total carbon	9060	1 mg/L	-	-
Total dissolved solids	160.1	1 mg/L	160.2	-
Total hydrocarbons	418.1	1 mg/L	-	-
Total inorganic carbon	9060	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	365.2	0.05 mg/L	365.1	10 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	1 µg/L	8240	10 µg/L
Tributyl phosphate	8270	10 µg/L	-	-

- Not analyzed or no detection limit.

SAMPLE ANALYSIS

Table 20. Methods and Detection Limits Used by metaTRACE and General Engineering (cont.)

Analyte	GE		MT	
	Method	Detection Limit	Method	Detection Limit
Trichloroethylene	8240	1 µg/L	624	5 µg/L
	8010	2 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	0.1 NTU	180.1	-
Uranium	6010	1 mg/L	200.7	119 µg/L
Vanadium	6010	10 µg/L	200.7	5 µg/L
Vinyl acetate	8240	1 µg/L	8240	5 µg/L
Xylenes	8240	2 µg/L	624	5 µg/L
			8240	5 µg/L
Zinc	6010	2 µg/L	200.7	10 µg/L
O,O,O-Triethyl phosphorothioate	8270	10 µg/L	8270	10 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	8240	1 µg/L	624	5 µg/L
			8010	2 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	1 µg/L	8240	5 µg/L
1,2-Dibromo-3-chloropropane	-	-	8240	10 µg/L
1,2-Dichlorobenzene	8270	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
			8240	5 µg/L
1,2-Diphenylhydrazine	8270	10 µg/L	-	-
1,2,3-Trichloropropane	8240	1 µg/L	8240	5 µg/L
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin isomers	8280	0.65 ng/L	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan isomers	8280	0.45 ng/L	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin isomers	8280	0.45 ng/L	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-furan isomers	8280	0.4 ng/L	-	-

- Not analyzed or no detection limit.

SAMPLE ANALYSIS

Table 20. Methods and Detection Limits Used by metaTRACE and General Engineering (cont.)

Analyte	GE		MT	
	Method	Detection Limit	Method	Detection Limit
1,2,3,7,8-Pentachlorodibenzo-p-dioxin isomers	8280	0.55 ng/L	-	-
1,2,3,7,8-Pentachlorodibenzo-p-furan isomers	8280	0.55 ng/L	-	-
1,2,4-Trichlorobenzene	8270	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	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
1,4-Benzoquinone	-	-	8270	10 µg/L
1,4-Dichlorobenzene	8270	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	8270	10 µg/L
2-Chlorophenol	8270	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	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	-	-
2-Picoline	8270	10 µg/L	8270	10 µg/L
2-Sec-butyl-4,6-dinitrophenol	8270	10 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	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	8270	10 µg/L
2,4-Dinitrophenol	8270	45 µg/L	8270	50 µg/L
2,4-Dinitrotoluene	8270	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	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	8270	10 µg/L
2,6-Dichlorophenol	8270	10 µg/L	8270	10 µg/L
2,6-Dinitrotoluene	8270	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
3,3'-Dichlorobenzidine	8270	10 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

- Not analyzed or no detection limit.

SAMPLE ANALYSIS

Table 20. Methods and Detection Limits Used by metaTRACE and General Engineering (cont.)

Analyte	GE		MT	
	Method	Detection Limit	Method	Detection Limit
4-Bromophenyl phenyl ether	8270	10 µg/L	8270	10 µg/L
4-Chloroaniline	8270	10 µg/L	8270	10 µg/L
4-Chloro-3-methylphenol	-	-	8270	10 µg/L
4-Chlorophenyl phenyl ether	8270	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	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
Gross alpha	900.0	2 pCi/L	900.0	4 pCi/L
Nonvolatile beta	900.0	2 pCi/L	900.0	6 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

- Not analyzed or no detection limit.

* 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 21, which are based on applicable EPA methods, during second quarter 1990.

Table 21. Methods and Detection Limits Used by Teledyne for Radioisotopes

Analyte	Method	Detection Limit	Analyte	Method	Detection Limit
Gross alpha	032-1	2 pCi/L	Manganese-54	042-5	5 pCi/L
Americium-241	052-32	0.5 pCi/L	Nickel-59	032-79	100 pCi/L
Americium-243	052-32	0.4 pCi/L	Nickel-63	032-37	10 pCi/L
Barium-140	042-5	100 pCi/L	Neptunium-237	042-5	10 pCi/L
Beryllium-7	042-5	80 pCi/L	Nonvolatile beta	032-1	3 pCi/L
Cerium-141	042-5	30 pCi/L	Plutonium-238	052-32	0.4 pCi/L
Cerium-144	042-5	40 pCi/L	Plutonium-239/240	052-32	0.4 pCi/L
Curium-242	052-32	0.4 pCi/L	Plutonium-242	052-32	0.8 pCi/L
Curium-243/244	052-32	0.6 pCi/L	Radium-226	042-5	100 pCi/L
Curium-246	052-32	1 pCi/L		022-65	1 pCi/L
Cobalt-58	042-5	8 pCi/L	Radium-228	032-67	2 pCi/L
Cobalt-60	042-5	6 pCi/L	Ruthenium-103	042-5	10 pCi/L
Cesium-134	042-5	6 pCi/L	Ruthenium-106	042-5	50 pCi/L
Cesium-137	042-5	6 pCi/L	Strontium-89	032-16	30 pCi/L
Carbon-14	032-82	20 pCi/L	Strontium-90	032-16	2 pCi/L
Iron-55	032-62	60 pCi/L	Technetium-99	032-78	7 pCi/L
Iron-59	042-5	20 pCi/L	Thorium-228	042-5	10 pCi/L
Iodine-129	032-90	4 pCi/L		052-32	0.9 pCi/L
Iodine-131	042-5	900 pCi/L	Thorium-230	052-32	0.5 pCi/L
Potassium-40	042-5	100 pCi/L	Thorium-232	052-32	0.6 pCi/L

SAMPLE ANALYSIS

Table 21. Methods and Detection Limits Used by Teledyne for Radioisotopes (cont.)

<u>Analyte</u>	<u>Method</u>	<u>Detection Limit</u>
Tritium	052-2	2 pCi/mL
Uranium-234	052-32	1 pCi/L
Uranium-235	052-32	0.7 pCi/L
Uranium-238	052-32	1 pCi/L
Zinc-65	042-5	10 pCi/L
Zirconium-95	042-5	8 pCi/L

NOTES

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 intralaboratory and interlaboratory comparisons. All of these results are included in the **Field and Analytical Data** 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 **Field and Analytical Data** section for blind replicate data from the samples listed in Table 22.

Table 22. Wells Providing Blind Replicate Samples

<u>Well</u>	<u>Sample Date</u>	<u>Well</u>	<u>Sample Date</u>	<u>Well</u>	<u>Sample Date</u>
ABP 1A	05/19/90	FSB104D	04/18/90	MSB 17B	04/01/90
AlvB 10D	05/18/90	FSB111C	04/25/90	MSB 29B	04/27/90
ARP 2	05/19/90	HAC 1	05/04/90	MSB 31B	05/06/90
ASB 7	05/13/90	HSB 65C	04/10/90	MSB 35A	04/15/90
ASB 8B	05/15/90	HSB 86D	04/04/90	MSB 47B	04/15/90
BGO 11D	04/28/90	HSB117A	04/13/90	MSB 50B	04/15/90
BGO 15D	04/17/90	HSB122A	04/06/90	P 26A	06/19/90
BGO 27C	05/03/90	HSB129D	04/25/90	PAC 1	04/20/90
BGO 33C	04/29/90	HSB134C	04/10/90	RWM 3	05/11/90
CBR 3D	06/12/90	HSS 2D	05/10/90	SRW 12C	05/20/90
CRP 4	05/28/90	IDB 1C	06/11/90	SRW 14A	05/20/90
CSD 8D	06/01/90	IDQ 3A	06/15/90	TBG 1	06/18/90
CSD 10D	06/07/90	KAC 4	04/26/90	TBG 4	06/18/90
FNB 1	05/09/90	LFW 7	06/15/90	TNX 2D	06/18/90
FNB 4	05/09/90	LFW 25	06/15/90	XSB 3A	06/19/90
FSB 76A	04/17/90	LFW 38	06/20/90	XSB 4D	06/19/90
FSB 90D	04/29/90	LSB 4	06/07/90	YSB 4A	06/19/90
FSB101A	04/17/90	MSB 7A	04/08/90	ZBG 1	05/22/90

Certain analytes did not show measurable concentrations above the detection limits at either laboratory. These analytes, listed in Table 23, are not considered in further evaluation of the replicate and duplicate program.

QUALITY CONTROL SAMPLES

Table 23. Analytes Not Showing Measurable Concentrations Above Detection Limits

Analyte	GE		MT	
	Detection Limit	Number of Analyses	Detection Limit	Number of Analyses
a,a-Dimethylphenethylamine	10.0 µg/L	3	10.0 µg/L	2
Acenaphthene	10.0 µg/L	3	10.0 µg/L	2
Acenaphthylene	10.0 µg/L	3	10.0 µg/L	2
Acetone	10.0 µg/L	3	10.0 µg/L	2
Acetonitrile (Methyl cyanide)	1.0 µg/L	3	100 µg/L	2
Acetophenone	10.0 µg/L	12	10.0 µg/L	2
Acrolein	20.0 µg/L	3	100 µg/L	2
Acrylonitrile	20.0 µg/L	3	5.0 µg/L	2
Aldrin	10.0 µg/L	7	0.05 µg/L	2
Allyl chloride	1.0 µg/L	3	100 µg/L	2
alpha-Benzene hexachloride	10.0 µg/L	7	0.05 µg/L	2
Aniline	10.0 µg/L	3	10.0 µg/L	2
Anthracene	10.0 µg/L	3	10.0 µg/L	2
Aramite	10.0 µg/L	3	10.0 µg/L	2
Azobenzene	-	-	10.0 µg/L	2
Benzidine	-	-	50.0 µg/L	2
Benzo[a]anthracene	10.0 µg/L	3	10.0 µg/L	2
Benzo[a]pyrene	10.0 µg/L	3	10.0 µg/L	2
Benzo[b]fluoranthene	10.0 µg/L	3	-	-
Benzo[b]fluoranthene	-	-	10.0 µg/L	2
Benzo[g,h,i]perylene	10.0 µg/L	3	10.0 µg/L	2
Benzoic acid	-	-	50.0 µg/L	2
Benzo[k]fluoranthene	10.0 µg/L	3	10.0 µg/L	2
Benzyl alcohol	20.0 µg/L	3	10.0 µg/L	2
beta-Benzene hexachloride	10.0 µg/L	7	0.05 µg/L	2
Bis(chloromethyl-ethyl) ether	1.00 µg/L	3	10.0 µg/L	2
Bis(2-chloroethoxy) methane	10.0 µg/L	3	10.0 µg/L	2
Bis(2-chloroethyl) ether	10.0 µg/L	3	10.0 µg/L	2
Bis(2-chloroisopropyl) ether	-	-	10.0 µg/L	2
Bromodichloromethane	1.0 µg/L	88	5.0 µg/L	48
Bromoform	1.0 µg/L	88	5.0 µg/L	48
Bromomethane (Methyl bromide)	1.0 µg/L	88	10.0 µg/L	48
Butylbenzyl phthalate	10.0 µg/L	3	10.0 µg/L	2
Carbonate	1,000 µg/L	6	-	-
Carbon disulfide	1.0 µg/L	3	5.0 µg/L	2
Chlorobenzilate	10.0 µg/L	3	10.0 µg/L	2
Chlordane	10.0 µg/L	7	1.0 µg/L	2
Chloroethane	1.0 µg/L	88	10.0 µg/L	48
Chloroethene (Vinyl chloride)	1.0 µg/L	87	5.0 µg/L	2
Chloromethane (Methyl chloride)	1.0 µg/L	88	10.0 µg/L	48
Chloroprene	1.0 µg/L	3	5.0 µg/L	2
Chrysene	10.0 µg/L	3	10.0 µg/L	2
cis-1,3-Dichloropropene	1.0 µg/L	88	5.0 µg/L	48
Cyanide	5.0 µg/L	50	5.0 µg/L	59

- Not analyzed.

QUALITY CONTROL SAMPLES

Table 23. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	GE		MT	
	Detection Limit	Number of Analyses	Detection Limit	Number of Analyses
delta-Benzene hexachloride	10.0 µg/L	7	0.05 µg/L	2
Diallate	10.0 µg/L	3	10.0 µg/L	2
Dibenz[<i>a,h</i>]anthracene	10.0 µg/L	3	10.0 µg/L	2
Dibenzofuran	10.0 µg/L	3	10.0 µg/L	2
Dibromochloromethane	1.0 µg/L	88	5.0 µg/L	48
Dibromomethane (Methylene bromide)	1.0 µg/L	3	10.0 µg/L	2
Dibromochloropropane	1.0 µg/L	3	-	-
Dichlorodifluoromethane	1.0 µg/L	3	5.0 µg/L	2
Dieldrin	10.0 µg/L	7	0.1 µg/L	2
Diethyl phthalate	10.0 µg/L	3	10.0 µg/L	2
Dimethoate	10.0 µg/L	3	10.0 µg/L	2
Dimer of phthalate	10.0 µg/L	3	10.0 µg/L	2
Di- <i>n</i> -butyl phthalate	10.0 µg/L	3	10.0 µg/L	2
Di- <i>n</i> -octyl phthalate	10.0 µg/L	3	10.0 µg/L	2
Diphenylamine	10.0 µg/L	3	10.0 µg/L	2
Disulfoton	10.0 µg/L	3	10.0 µg/L	2
Endosulfan I	0.5 µg/L	3	0.05 µg/L	2
Endosulfan II	0.5 µg/L	3	0.1 µg/L	2
Endosulfan sulfate	10.0 µg/L	7	0.1 µg/L	2
Endrin aldehyde	10.0 µg/L	7	0.2 µg/L	2
Ethyl methacrylate	10.0 µg/L	3	10.0 µg/L	18
Ethyl methanesulfonate	10.0 µg/L	3	10.0 µg/L	2
Famphur	10.0 µg/L	3	10.0 µg/L	2
Fluoranthene	10.0 µg/L	3	10.0 µg/L	2
Fluorene	10.0 µg/L	3	10.0 µg/L	2
Heptachlor	10.0 µg/L	7	-	-
Heptachlor epoxide	10.0 µg/L	7	0.05 µg/L	2
Heptachlorodibenzo- <i>p</i> -dioxin isomers	0.65 µg/L	2	1.7 µg/L	2
Heptachlorodibenzo- <i>p</i> -furan isomers	0.45 µg/L	2	1.76 µg/L	2
Hexachlorobenzene	10.0 µg/L	3	10.0 µg/L	2
Hexachlorobutadiene	10.0 µg/L	3	10.0 µg/L	2
Hexachlorocyclopentadiene	10.0 µg/L	3	10.0 µg/L	2
Hexachlorodibenzo- <i>p</i> -dioxin isomers	0.45 µg/L	2	2.06 µg/L	2
Hexachlorodibenzo- <i>p</i> -furan isomers	0.40 µg/L	2	1.69 µg/L	2
Hexachloroethane	10.0 µg/L	3	10.0 µg/L	2
Hexachlorophene	10.0 µg/L	3	10.0 µg/L	2
Hexachloropropene	10.0 µg/L	3	10.0 µg/L	2
Indeno[1,2,3- <i>c,d</i>]pyrene	10.0 µg/L	3	10.0 µg/L	2
Iodine	100 µg/L	6	-	-
Iodomethane (Methyl iodide)	1.0 µg/L	3	5.0 µg/L	2
Isobutyl alcohol	1.0 µg/L	3	-	-
Isodrin	10.0 µg/L	3	10.0 µg/L	2
Isophorone	10.0 µg/L	3	10.0 µg/L	2
Isosafrole	10.0 µg/L	3	10.0 µg/L	2

- Not analyzed.

QUALITY CONTROL SAMPLES

Table 23. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	GE		MT	
	Detection Limit	Number of Analyses	Detection Limit	Number of Analyses
Kepone	10.0 µg/L	3	10.0 µg/L	2
m-Cresol (3-Methylphenol)	10.0 µg/L	3	10.0 µg/L	2
Methacrylonitrile	1.0 µg/L	3	5.0 µg/L	2
Methapyrilene	10.0 µg/L	3	10.0 µg/L	2
Methoxychlor	0.5 µg/L	69	0.5 µg/L	34
Methyl ethyl ketone	10.0 µg/L	3	10.0 µg/L	2
Methyl isobutyl ketone	1.0 µg/L	3	-	-
Methyl methacrylate	10.0 µg/L	3	5.0 µg/L	2
Methyl methanesulfonate	10.0 µg/L	3	10.0 µg/L	2
Naphthalene	10.0 µg/L	12	10.0 µg/L	2
Nitrite as nitrogen	10.0 µg/L	23	400 µg/L	8
Nitrobenzene	10.0 µg/L	3	10.0 µg/L	2
N-Nitroso-diethylamine	10.0 µg/L	3	10.0 µg/L	2
N-Nitrosodimethylamine	10.0 µg/L	3	10.0 µg/L	2
N-Nitrosodi-n-butylamine	10.0 µg/L	3	10.0 µg/L	2
N-Nitrosodiphenylamine	10.0 µg/L	3	10.0 µg/L	2
N-Nitrosodi-propylamine	10.0 µg/L	3	10.0 µg/L	2
N-Nitrosomethylethylamine	10.0 µg/L	3	10.0 µg/L	2
N-Nitrosomorpholine	10.0 µg/L	3	10.0 µg/L	2
N-Nitrosopiperidine	10.0 µg/L	3	10.0 µg/L	2
N-Nitrosopyrrolidine	10.0 µg/L	3	10.0 µg/L	2
o-Cresol (2-Methylphenol)	10.0 µg/L	3	10.0 µg/L	2
Octachlorodibenzo-p-dioxin isomers	1.0 µg/L	2	2.13 µg/L	2
Octachlorodibenzo-p-furan isomers	1.0 µg/L	2	3.12 µg/L	2
o-Toluidine	10.0 µg/L	3	10.0 µg/L	2
para-Chloro-meta-cresol	10.0 µg/L	3	-	-
Parathion	0.5 µg/L	3	10.0 µg/L	2
Parathion methyl	0.5 µg/L	3	10.0 µg/L	2
PCB 1016	0.5 µg/L	3	0.5 µg/L	2
PCB 1221	0.5 µg/L	3	0.5 µg/L	2
PCB 1232	0.5 µg/L	3	0.5 µg/L	2
PCB 1242	0.5 µg/L	3	0.5 µg/L	2
PCB 1248	0.5 µg/L	3	0.5 µg/L	2
PCB 1254	0.5 µg/L	3	1.0 µg/L	2
PCB 1260	0.5 µg/L	3	1.0 µg/L	2
PCB 1262	0.5 µg/L	3	-	-
p-Cresol (4-Methylphenol)	10.0 µg/L	3	10.0 µg/L	2
p-Dimethylaminoazobenzene	-	-	10.0 µg/L	2
p-(Dimethylamino)ethylbenzene	10.0 µg/L	3	-	-
Pentachlorobenzene	10.0 µg/L	3	10.0 µg/L	2
Pentachlorodibenzo-p-dioxin isomers	0.55 µg/L	2	3.82 µg/L	2
Pentachlorodibenzo-p-furan isomers	0.55 µg/L	2	2.32 µg/L	2
Pentachloroethane	10.0 µg/L	3	10.0 µg/L	18
Pentachloronitrobenzene	10.0 µg/L	3	10.0 µg/L	2

- Not analyzed.

QUALITY CONTROL SAMPLES

Table 23. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	GE		MT	
	Detection Limit	Number of Analyses	Detection Limit	Number of Analyses
Pentachlorophenol	10.0 µg/L	3	50.0 µg/L	2
Phenacetin	10.0 µg/L	3	10.0 µg/L	2
Phenanthrene	10.0 µg/L	3	10.0 µg/L	2
Phorate	0.5 µg/L	3	10.0 µg/L	2
p,p'-DDD	10.0 µg/L	7	--	--
p,p'-DDE	10.0 µg/L	7	0.1 µg/L	2
p,p'-DDT	10.0 µg/L	7	0.1 µg/L	2
p-Phenylenediamine	10.0 µg/L	3	10.0 µg/L	2
Pronamid	10.0 µg/L	3	10.0 µg/L	2
Propionitrile	1.0 µg/L	3	5.0 µg/L	2
Pyrene	10.0 µg/L	3	10.0 µg/L	2
Pyridine	10.0 µg/L	3	10.0 µg/L	2
Safrole	10.0 µg/L	3	10.0 µg/L	2
Sulfotepp	10.0 µg/L	3	--	--
Styrene	1.0 µg/L	3	5.0 µg/L	2
Tetrachlorodibenzo-p-dioxin isomers	0.45 µg/L	2	2.74 µg/L	2
Tetrachlorodibenzo-p-furan isomers	0.4 µg/L	2	2.68 µg/L	2
Tetraethyl dithiopyrophosphate	--	--	10.0 µg/L	2
Thallium	2.0 µg/L	10	3.0 µg/L	9
Thionazin	--	--	10.0 µg/L	2
Tin	2.0 µg/L	4	972 µg/L	3
Total petroleum hydrocarbons	--	--	2,000 µg/L	4
trans-1,3-Dichloropropene	1.0 µg/L	88	5.0 µg/L	48
trans-1,4-Dichloro-2-butene	1.0 µg/L	3	10.0 µg/L	2
Uranium	1,000 µg/L	45	119 µg/L	28
Vanadium	10.0 µg/L	17	5.0 µg/L	5
Vinyl acetate	1.0 µg/L	3	5.0 µg/L	2
Xylenes	1.0 µg/L	12	5.0 µg/L	5
O,O,O-Triethyl phosphorothioate	10.0 µg/L	3	10.0 µg/L	2
1-Naphthylamine	10.0 µg/L	3	10.0 µg/L	2
1,1,1,2-Tetrachloroethane	1.0 µg/L	3	5.0 µg/L	2
1,1,2-Trichloroethane	1.0 µg/L	88	5.0 µg/L	48
1,1,2,2-Tetrachloroethane	1.0 µg/L	88	5.0 µg/L	48
1,2-Dibromoethane	1.0 µg/L	3	5.0 µg/L	2
1,2-Dibromo-3-chloropropane	--	--	10.0 µg/L	2
1,2-Dichlorobenzene	10.0 µg/L	3	10.0 µg/L	2
1,2-Dichloroethylene	--	--	5.0 µg/L	2
1,2-Dichloropropane	1.0 µg/L	88	5.0 µg/L	48
1,2,3-Trichloropropane	1.0 µg/L	3	5.0 µg/L	2
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin isomers	0.65 µg/L	2	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan isomers	0.45 µg/L	2	--	--

-- Not analyzed.

QUALITY CONTROL SAMPLES

Table 23. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	GE		MT	
	Detection Limit	Number of Analyses	Detection Limit	Number of Analyses
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin isomers	0.45 µg/L	2	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-furan isomers	0.4 µg/L	2	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin isomers	0.55 µg/L	2	-	-
1,2,3,7,8-Pentachlorodibenzo-p-furan isomers	0.55 µg/L	2	-	-
1,2,4-Trichlorobenzene	10.0 µg/L	3	10.0 µg/L	2
1,2,4,5-Tetrachlorobenzene	10.0 µg/L	3	10.0 µg/L	2
1,3-Dichlorobenzene	10.0 µg/L	3	10.0 µg/L	2
1,3-Dinitrobenzene	10.0 µg/L	3	10.0 µg/L	2
1,3,5-Trinitrobenzene	10.0 µg/L	3	10.0 µg/L	2
1,4-Benzoquinone	-	-	10.0 µg/L	2
1,4-Dichlorobenzene	10.0 µg/L	3	10.0 µg/L	2
1,4-Dioxane	10.0 µg/L	3	10.0 µg/L	2
1,4-Naphthoquinone	10.0 µg/L	3	10.0 µg/L	2
2-Acetylaminofluorene	10.0 µg/L	3	10.0 µg/L	2
2-Chloroethyl vinyl ether	1.0 µg/L	89	5.0 µg/L	46
2-Chloronaphthalene	10.0 µg/L	3	10.0 µg/L	2
2-Chlorophenol	10.0 µg/L	3	10.0 µg/L	2
2-Hexanone	1.0 µg/L	3	10.0 µg/L	2
2-Methylnaphthalene	10.0 µg/L	3	10.0 µg/L	2
2-Methyl-4,6-dinitrophenol	50.0 µg/L	3	50.0 µg/L	2
2-Naphthylamine	10.0 µg/L	3	10.0 µg/L	2
2-Nitroaniline	10.0 µg/L	3	50.0 µg/L	2
2-Nitrophenol	10.0 µg/L	3	-	-
2-Picoline	10.0 µg/L	3	10.0 µg/L	2
2-sec-Butyl-4,6-dinitrophenol	10.0 µg/L	3	10.0 µg/L	2
2,3,4,6-Tetrachlorophenol	10.0 µg/L	3	10.0 µg/L	2
2,4-Dichlorophenol	10.0 µg/L	3	10.0 µg/L	2
2,4-Dimethyl phenol	10.0 µg/L	3	10.0 µg/L	2
2,4-Dinitrophenol	45.0 µg/L	3	50.0 µg/L	2
2,4-Dinitrotoluene	10.0 µg/L	3	10.0 µg/L	2
2,4,5-Trichlorophenol	10.0 µg/L	3	10.0 µg/L	2
2,4,5-Trichlorophenoxyacetic acid	0.5 µg/L	3	0.07 µg/L	2
2,4,6-Trichlorophenol	10.0 µg/L	3	10.0 µg/L	2
2,6-Dichlorophenol	10.0 µg/L	3	10.0 µg/L	2
2,6-Dinitrotoluene	10.0 µg/L	3	10.0 µg/L	2
3-Methylcholanthrene	10.0 µg/L	3	10.0 µg/L	2
3-Nitroaniline	10.0 µg/L	3	50.0 µg/L	2
3,3'-Dichlorobenzidine	10.0 µg/L	3	20.0 µg/L	2
3,3'-Dimethylbenzidine	10.0 µg/L	3	10.0 µg/L	2
4-Aminobiphenyl	10.0 µg/L	3	10.0 µg/L	2

- Not analyzed.

QUALITY CONTROL SAMPLES

Table 23. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

<u>Analyte</u>	<u>GE</u>		<u>MT</u>	
	<u>Detection Limit</u>	<u>Number of Analyses</u>	<u>Detection Limit</u>	<u>Number of Analyses</u>
4-Bromophenyl phenyl ether	10.0 µg/L	3	10.0 µg/L	2
4-Chloroaniline	10.0 µg/L	3	10.0 µg/L	2
4-Chloro-3-methylphenol	-	-	10.0 µg/L	2
4-Chlorophenyl phenyl ether	10.0 µg/L	3	10.0 µg/L	2
4-Methyl-2-pentanone	-	-	10.0 µg/L	2
4-Nitroaniline	10.0 µg/L	3	50.0 µg/L	2
4-Nitrophenol	10.0 µg/L	3	10.0 µg/L	2
4-Nitroquinoline-1-oxide	10.0 µg/L	3	10.0 µg/L	2
4,6-Dinitro-ortho-cresol	-	-	50.0 µg/L	2
5-Nitro-o-toluidine	10.0 µg/L	3	10.0 µg/L	2
7,12-Dimethylbenz[a]anthracene	10.0 µg/L	3	10.0 µg/L	2

- Not analyzed.

The MRD, devised by EPD/EMS personnel to assess the interlaboratory and intralaboratory reproducibility of identical chemical analyses, is defined as

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

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 rerun, 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 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.

QUALITY CONTROL SAMPLES

Intralaboratory Comparison

The intralaboratory MRD indexes for General Engineering and metaTRACE are listed in Table 24. The # symbol stands for number of analyses.

Table 24. Intralaboratory MRD Indexes for General Engineering and metaTRACE

Analyte	GE				MT			
	In-house Duplicate		EPD (Blind)		In-house Duplicate		EPD (Blind)	
	#	MRD	#	MRD	#	MRD	#	MRD
Aluminum	14	19.5	8	23.3	3	6.82	10	17.5
Antimony	10	5.37	8	0	3	0	9	0
Arsenic	37	1.19	31	0.880	5	0	32	0.0071
Barium	41	5.46	33	9.85	5	0.906	34	2.93
Benzene	27	0	23	0.791	-	-	24	0.641
Beryllium	5	0	3	0	-	-	3	6.06
Bis(2-ethylhexyl) phthalate	3	0	2	0	-	-	2	81.8
Cadmium	41	0	33	0	5	1.9	34	0.453
Calcium	31	3.53	24	8.08	5	1.85	25	5.28
Carbon tetrachloride	37	0	27	7.46	-	-	28	0.155
Chloride	42	1.54	31	5.83	9	1.76	32	1.9
Chlorobenzene	27	0.296	23	0.185	-	-	24	0
Chloroform	37	0.776	27	2.42	-	-	28	0.716
Chromium	43	2.82	34	3.66	6	0	35	15.6
Cobalt	11	0	8	0	3	0	9	0
Copper	20	4.13	15	14.0	4	0	16	6.73
Dichloromethane (Methylene chloride)	27	1.48	23	11.4	-	-	24	11.3
Dissolved organic carbon	2	0	2	33.3	-	-	2	0
Endrin	21	2.38	17	18.8	-	-	17	0
Ethylbenzene	27	0.218	23	0.134	-	-	24	0.132
Fluoride	33	2.05	28	1.61	8	0.221	29	0
gamma-Benzene hexa- chloride (Lindane)	21	0	17	10.4	-	-	17	0
Iron	31	13.6	25	55.0	6	5.33	26	34.2
Lead	46	18.2	35	31.7	5	1.59	36	15.7
Magnesium	31	4.22	24	8.93	6	1.68	25	9.88
Manganese	31	4.03	25	10.1	5	1.13	26	8.45
Mercury	41	1.05	33	10.9	16	12.3	34	0.577
Nickel	22	8.15	16	3.21	20	8.32	17	12.8
Nitrate as nitrogen	45	2.78	34	5.00	9	2.90	35	6.50
pH	43	0.421	32	3.60	21	0.315	33	1.98
Phenols	38	1.55	29	1	16	2.14	30	0
Potassium	31	3.27	24	5.62	20	9.17	25	8.17
Selenium	37	0.341	32	0.518	5	0	32	1.08
Silica	32	6.45	25	10.4	5	32.1	24	4.46
Silver	41	1.72	33	9.83	22	0	34	0.403
Sodium	42	5.42	31	8.74	6	2.05	32	3.82
Specific conductance	43	2.65	32	14.9	21	0.501	33	10.3

- Not analyzed.

QUALITY CONTROL SAMPLES

Table 24. Intralaboratory MRD Indexes for General Engineering and metaTRACE (cont.)

Analyte	GE				MT			
	In-house Duplicate		EPD (Blind)		In-house Duplicate		EPD (Blind)	
	#	MRD	#	MRD	#	MRD	#	MRD
Sulfate	39	2.76	30	12.2	8	0.181	31	0.894
Sulfide	3	0	3	0	1	4.03	3	15.0
Tetrachloroethylene	37	10.4	27	5.08	-	-	28	1.64
Toluene	27	0.390	23	0.512	-	-	24	0
Total carbon	3	0	-	-	-	-	-	-
Total dissolved solids	27	8.35	21	11.8	19	3.37	22	26.2
Total hydrocarbons	1	0	2	0	-	-	-	-
Total inorganic carbon	3	0	-	-	-	-	-	-
Total organic carbon	32	5.16	26	16.0	10	17.4	27	11.1
Total organic halogens	30	3.59	27	19.3	16	3.97	27	8.57
Total phosphates	34	1.99	26	9.33	12	13.2	27	27.9
Total silica	1	4.82	-	-	-	-	-	-
Toxaphene	21	0	17	0	-	-	17	0
trans-1,2-Dichloroethene	27	0	23	2.90	-	-	23	0.765
Tributyl phosphate	31	6.57	-	-	-	-	-	-
Trichloroethylene	37	5.30	27	14.0	-	-	28	5.98
Trichlorofluoromethane	27	2.62	23	11.2	-	-	24	3.20
Turbidity	9	0.541	6	51.5	2	3.60	6	54.7
Zinc	20	17.0	15	46.7	4	9.88	16	15.3
1,1-Dichloroethane	27	1.18	23	2.12	-	-	24	0.0794
1,1-Dichloroethylene	27	0.209	23	0.245	-	-	24	0.260
1,1,1-Trichloroethane	37	3.54	27	1.31	-	-	28	3.17
1,2-Dichloroethane	27	1.98	23	2.69	-	-	24	0
2,4-Dichlorophenoxyacetic acid	21	0	17	4.21	-	-	17	0.187
2,4,5-TP (Silvex)	21	0	17	0	-	-	17	3.21
Gross alpha	37	3.41	30	11.1	16	23.8	30	16.5
Nonvolatile beta	36	7.38	29	22.4	16	11.4	29	17.7
Total radium	34	8.90	30	47.6	15	10.5	31	10.6
Tritium	33	2.12	27	7.93	15	1.74	27	2.80

- 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.

QUALITY CONTROL SAMPLES

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 25.

Table 25. MRD and *t*-Test Results for Analytes With at Least One Result Above the Reference Detection Limit

<u>Analyte</u>	<u>MRD</u>	<u><i>t</i>-test Probability*</u>
Aluminum	15.1	.801
Antimony	0	-
Arsenic	1.40	.230
Barium	8.04	.101
Benzene	0.571	.328
Beryllium	0	-
Bis(2-ethylhexyl) phthalate	0	-
Cadmium	0	-
Calcium	19.9	.114
Carbon tetrachloride	2.76	.332
Chloride	11.4	.397
Chlorobenzene	0.276	.328
Chloroform	0.675	.686
Chromium	22.6	.0954
Cobalt	0	-
Copper	24.7	.125
Dichloromethane (Methylene chloride)	10.8	.0572
Dissolved organic carbon	47.6	.295
Endrin	17.0	.226
Ethylbenzene	0.236	.328
Fluoride	0.569	.326
gamma-Benzene hexachloride (Lindane)	9.53	.333
Iron	60.3	.192
Lead	44.4	.000538
Magnesium	19.1	.0435
Manganese	19.7	.111
Mercury	12.5	.531
Nickel	18.6	.241

* 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 analyzed.

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Table 25. MRD and *t*-Test Results for Analytes With at Least One Result Above the Reference Detection Limit (cont.)

<u>Analyte</u>	<u>MRD</u>	<u><i>t</i>-test Probability*</u>
Nitrate as nitrogen	13.7	.0249
pH	4.72	.000249
Phenols	0	-
Potassium	16.3	.0899
Selenium	0.567	.162
Silica	18.3	.000100
Silver	11.3	.198
Sodium	7.49	.0365
Specific conductance	18.4	.125
Sulfate	11.2	.159
Sulfide	104	.0487
Tetrachloroethylene	5.19	.251
Toluene	0	-
Total dissolved solids	24.1	.392
Total organic carbon	67.3	.000100
Total organic halogens	19.5	.139
Total phosphates	40.8	.0169
Toxaphene	0	-
trans-1,2-Dichloroethene	11.4	.237
Trichloroethylene	10.6	.296
Trichlorofluoromethane	3.24	.328
Turbidity	36.5	.678
Zinc	24.2	.680
1,1-Dichloroethane	1.11	.723
1,1-Dichloroethylene	0.393	.328
1,1,1-Trichloroethane	0.609	.900
1,2-Dichloroethane	1.39	.328
2,4-Dichlorophenoxyacetic acid	0.698	.332
2,4,5-TP (Silvex)	0	-
Gross alpha	44.2	.0194
Nonvolatile beta	34.0	.0383
Total radium	39.3	.0324
Tritium	18.9	.179

* 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 analyzed.

COMMENTS ON THE REPLICATE ANALYSES

Intralaboratory Comparison

MRDs for laboratory duplicates from General Engineering (see Table 24) were less than 20. High MRDs (greater than 20) for blind replicates from General Engineering were calculated for aluminum, dissolved organic carbon, iron, lead, turbidity, zinc, nonvolatile beta, and total radium.

QUALITY CONTROL SAMPLES

Table 26 lists analytes and wells from which samples and laboratory duplicates yielded results where one result was more than twice the other.

Table 26. General Engineering Analyses and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

<u>Analyte</u>	<u>Wells</u>
Aluminum	HSB117A, ZBG 1
Iron	XSB 3A
Lead	LFW 7, LFW 38
Mercury	TBG 4
Nickel	HSB117A
Tetrachloroethylene	HSB122A
Zinc	HSB122A

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

Table 27. General Engineering Analyses and Blind Replicates Yielding Results Where One Is More Than Twice Another

<u>Analyte</u>	<u>Wells</u>
Aluminum	HSB117A, ZBG 1
Carbon tetrachloride	BGO 33C, TBG 1
Copper	MSB 7A
Dichloromethane (Methylene chloride)	LFW 38, ZBG 1
Dissolved organic carbon	CSD 10D
Endrin	BGO 33C, HSB122A
gamma-Benzene hexachloride (Lindane)	BGO 33C
Iron	ASB 7, BGO 11D, BGO 27C, CBR 3D, FSB 76A, FSB111C, KAC 4, XSB 3A, YSB 4A
Lead	BGO 11D, FNB 4, KAC 4, LFW 7, LFW 38, MSB 29B, ZBG 1
Mercury	HSB122A, TBG 4
Nickel	HSB117A
Silver	FSB101A, MSB 17B
Specific conductance	ASB 7, CBR 3D
Tetrachloroethylene	HSB122A
Total organic carbon	PAC 1
Total organic halogens	LFW 38
Total phosphates	FSB 76A
trans-1,2-Dichloroethene	TBG 4
Trichloroethylene	CRP 4, HSB122A
Trichlorofluoromethane	BGO 27C, LFW 38
Turbidity	BGO 11D
Zinc	FSB 76A, FSB111C, HSB117A, HSB122A
2,4-Dichlorophenoxyacetic acid	CBR 3D
Gross alpha	PAC 1
Nonvolatile beta	P 26A, PAC 1
Total radium	AMB 10D, ASB 7, CBR 3D, HSB117A, MSB 29B, PAC 1, XSB 3A

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High MRDs for metaTRACE (see Table 24) were calculated from sample and laboratory duplicate results for silica and gross alpha. Other MRD values for laboratory duplicates were less than 20.0. High MRDs were calculated from original and blind replicate results for bis(2-ethylhexyl) phthalate, iron, total dissolved solids, total phosphates, and turbidity.

Table 28 lists analytes and wells from which samples and laboratory duplicates yielded results where one result was more than twice the other.

Table 28. metaTRACE Analyses and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

<u>Analyte</u>	<u>Wells</u>
Chromium	HSB 65C, HSB134C
Iron	HSB 65C, HSB134C

Table 29 lists analytes and wells from which samples and blind replicates yielded results where one result was more than twice the other.

Table 29. metaTRACE Analyses and Blind Replicates Yielding Results Where One Is More Than Twice Another

<u>Analyte</u>	<u>Wells</u>
Chromium	CBR 3D, HSB 65C, HSB117A, HSB134C
Copper	MSB 29B
Dichloromethane (Methylene chloride)	ZBG 1
Iron	ASB 7, CBR 3D, HSB 65C, HSB117A, HSB134C, TBG 4
Lead	CSD 10D, FNB 1, TNX 2D
Magnesium	HSB122A
Nickel	CBR 3D
Specific conductance	HAC 1
Total dissolved solids	TBG 1
Total organic carbon	TNX 2D
Total organic halogens	TNX 2D
Total phosphates	CBR 3D, PAC 1, TBG 4, TNX 2D
Trichlorofluoromethane	LFW 38
Turbidity	BGO 33C, HAC 1, PAC 1
Zinc	HSB122A
1,1,1-Trichloroethane	LFW 38
Gross alpha	ASB 7, YSB 4A
Nonvolatile beta	KAC 4

Interlaboratory Comparison

Interlaboratory comparison results (see Table 25) yielded MRDs greater than 20 for the following analytes: chromium, copper, dissolved organic carbon, iron, lead, sulfide, total dissolved solids, total organic carbon, total phosphates, turbidity, zinc, gross alpha, nonvolatile beta, and total radium.

Table 30 lists analytes and wells where a result from one laboratory was more than twice a result from the other laboratory.

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Table 30. Analytes With One Laboratory's Result Greater Than Twice a Result From the Other Laboratory

Analyte	Wells
Aluminum	HSB 65C, HSB134C, MSB 7A, ZBG 1
Arsenic	CSD 10D
Barium	CSD 10D
Carbon tetrachloride	TBG 1
Chloride	LFW 7
Chromium	CBR 3D, FSB111C, HSB 65C, HSB117A, HSB134C, LFW 38
Copper	ASB 7, FNB 1, HSB 65C, MSB 29B
Dichloromethane (Methylene chloride)	BGO 27C, HSB122A, HSB134C, LFW 7, LFW 38, MSB 7A, TBG 4, TNX 2D, ZBG 1
Dissolved organic carbon	CSD 8D, CSD 10D
Endrin	BGO 33C, HSB122A
gamma-Benzene hexachloride (Lindane)	BGO 33C
Iron	ASB 7, CBR 3D, CSD 8D, CSD 10D, FSB 76A, HSB 65C, HSB117A, HSB134C, KAC 4, PAC 1, TBG 1, TBG 4, TNX 2D, YSB 4A
Lead	AMB 10D, BGO 11D, BGO 33C, CSD 8D, CSD 10D, FNB 1, FNB 4, FSB111C, HAC 1, HSB 65C, KAC 4, LFW 7, LFW 25, LFW 38, MSB 17B, MSB 29B, PAC 1, TBG 1, TBG 4, TNX 2D, ZBG 1
Magnesium	CSD 10D, HSB122A
Manganese	CSD 10D, HSB 65C
Mercury	HSB 65C, HSB122A, MSB 17B, TBG 4
Nickel	CBR 3D, FNB 1, HSB117A, YSB 4A
Nitrate as nitrogen	TNX 2D
Potassium	CSD 10D
Silica	CSD 10D
Silver	FSB101A, HAC 1, MSB 17B
Specific conductance	ASB 7, BGO 33C, CBR 3D, HAC 1
Sulfate	MSB 29B, PAC 1
Sulfide	CBR 3D, CSD 8D, CSD 10D
Tetrachloroethylene	FSB111C, HSB122A, RWM 3
Total dissolved solids	BGO 27C, FSB111C, TBG 1
Total organic carbon	ASB 7, BGO 27C, BGO 33C, CBR 3D, CSD 8D, CSD 10D, FSB111C, HAC 1, HSB 65C, HSB117A, HSB122A, HSB134C, LFW 38, PAC 1, TBG 1, TBG 4, TNX 2D, XSB 3A, YSB 4A
Total organic halogens	BGO 27C, CSD 10D, LFW 38, TNX 2D, XSB 3A
Total phosphates	FSB 76A, MSB 17B, P 26A, TBG 1, TBG 4, TNX 2D, YSB 4A
trans-1,2-Dichloroethene	LFW 7, LFW 38
Trichloroethylene	CRP 4, HSB122A, MSB 35A, RWM 3, TBG 4
Trichlorofluoromethane	LFW 38
Turbidity	BGO 11D, BGO 33C, HAC 1, KAC 4
Zinc	FNB 4, FSB111C, HSB122A, HSB134C, YSB 4A
Gross alpha	ASB 7, LFW 7, LFW 25, PAC 1, YSB 4A
Nonvolatile beta	BGO 11D, CSD 8D, FNB 4, HSB 65C, HSB122A, HSB134C, KAC 4, P 26A, TNX 2D, YSB 4A

QUALITY CONTROL SAMPLES

Table 30. Analytes With One Laboratory's Result Greater Than Twice a Result From the Other Laboratory (cont.)

<u>Analyte</u>	<u>Wells</u>
Total radium	AMB 10D, ASB 7, CBR 3D, FNB 4, FSB 76A, HSB 65C, HSB117A, LFW 7, LFW 25, MSB 29B, PAC 1, YSB 4A, ZBG 1
1,1,1-Trichloroethane	LFW 38

Analytes with significance of probability values of less than .05 (see Table 25) have a 95% chance that one laboratory's results are significantly higher than those from the other laboratory. Magnesium, sodium, sulfide, gross alpha, and nonvolatile beta results are significantly higher for metaTRACE than for General Engineering. Lead, pH, total organic carbon, and total radium are significantly higher for General Engineering than for metaTRACE.

QUALITY CONTROL STANDARDS

During the second 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 2526, 2603, and 403). The following analyses are listed: routine analyses in Table 31, Appendix IX analyses in Table 32, and priority pollutants analyses in Table 33. 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 analyses were reviewed by comparing the laboratory results with the ERA-certified values and advisory ranges. A comparison of their performances is shown in Figure 4.

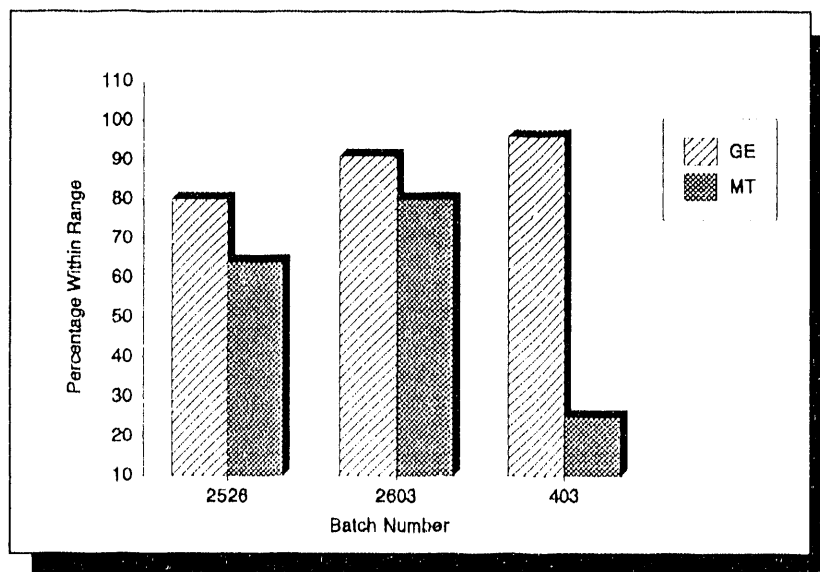


Figure 4. Percentage of Results Within the Advisory Range Certified Values From the Two Primary Laboratories

QUALITY CONTROL SAMPLES

Table 31. Quality Control Standards for Routine Analyses, Batch No. 2526 (ERA 290)

Analyte	Certified Value	Advisory Range	GE	MT
Chlorine (mg/L)	1.8	1.53-2.2	-	0.9*
Turbidity (NTU)	4.2	3.9-4.5	3.76*	2.56*
Inorganics				
Alkalinity (as CaCO ₃) (mg/L)	40	37-43	42.6	25.2*
Fluoride (mg/L)	5.5	4.6-6.4	5.65	4.7
Nitrate as nitrogen (mg/L)	7.4	6.4-8.4	8.91*	8.70*
pH	8.8	8.6-9.0	9.12*	9.0
Potassium (mg/L)	32	26-38	32.0	<0.6*
Sodium (mg/L)	55	44-66	-	54.6
Sulfate (mg/L)	76	68-84	81	72.3
Metals				
Arsenic (µg/L)	178	146-210	177	81*
Barium (µg/L)	399	327-471	378	381
Beryllium (µg/L)	114	93-134	98	124
Cadmium (µg/L)	394	323-464	389	397
Calcium (mg/L)	29.4	24-34	20*	27.3
Chromium (µg/L)	172	141-203	158	168
Copper (µg/L)	694	569-819	577	618
Iron (µg/L)	284	233-335	262	275
Lead (µg/L)	304	249-359	319	346
Manganese (µg/L)	635	521-749	589	641
Mercury (µg/L)	17	12-21	17.3	16.6
Nickel (µg/L)	123	101-145	115	115
Selenium (µg/L)	100	82-118	99	105
Silver (µg/L)	50	41-62	26*	26.2*
Thallium (µg/L)	95	71-118	341*	97.0
Total hardness (mg/L)	73.5	60-87	82	80.8
Herbicides/Pesticides				
Endrin (µg/L)	0.137	0.041-0.21	0.121	0.150
gamma-Benzene hexachloride (Lindane) (µg/L)	0.222	0.064-0.31	0.163	0.150
Methoxychlor (µg/L)	0.103	0.031-0.16	0.10	0.17*
Toxaphene (µg/L)	0.717	0.28-0.95	0.79	1.04 ^J
2,4-Dichlorophenoxyacetic acid (µg/L)	0.203	0.06-0.26	0.20	J0.12
2,4,5-TP (Silvex) (µg/L)	0.129	0.039-0.17	0.10	0.17

- Results not received.

* Results out of range.

J Estimated value.

QUALITY CONTROL SAMPLES

Table 31. Quality Control Standards for Routine Analyses, Batch No. 2526 (ERA 290) (cont.)

<u>Analyte</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>GE</u>	<u>MT</u>
Halomethanes				
Bromodichloromethane ($\mu\text{g/L}$)	51.7	26-72	29	50
Bromoform ($\mu\text{g/L}$)	23.3	10-36	7.0*	23
Chloroform ($\mu\text{g/L}$)	60.8	41-74	45	65
Dibromochloromethane ($\mu\text{g/L}$)	36.7	25-49	16*	36
Volatiles				
Benzene ($\mu\text{g/L}$)	2.79	1.0-3.7	2.0	11.0*
Trichloroethene ($\mu\text{g/L}$)	12.9	8.1-17.0	-	23.0*
1,2-Dichloroethane ($\mu\text{g/L}$)	6.05	2.9-8.3	5.0	<5.0
Unregulated Volatiles				
Benzene ($\mu\text{g/L}$)	8.1	3.0-12	7.0	22.0*
Dichloromethane (Methylene chloride) ($\mu\text{g/L}$)	26.9	9.4-55.0	19.0	81.0*
m-Xylene ($\mu\text{g/L}$)	31	13-42	32	34
o-Chlorotoluene ($\mu\text{g/L}$)	21	12-26	20	J19
Trichloroethene ($\mu\text{g/L}$)	12.2	8.7-19.0	-	29.0*
1,2-Dibromoethane ($\mu\text{g/L}$)	9.44	5.2-12.0	8.0	21.0*
1,3-Dichloropropane ($\mu\text{g/L}$)	15	12-24	-	<5.0*

Table 32. Quality Control Standards for Appendix IX Analyses, Batch No. 2603 (ERA 290-X)

<u>Analyte</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>GE</u>	<u>MT</u>
Volatiles				
Benzene ($\mu\text{g/L}$)	7.32	2.7-9.5	5.0	6.0
Ethyl acetate ($\mu\text{g/L}$)	139	21-250	-	<5.0*
Iodomethane (Methyl iodide) ($\mu\text{g/L}$)	91.6	27-160	68	<5.0*
1,1-Dichloroethane ($\mu\text{g/L}$)	22.2	11-32	15	20
1,1,2-Trichloroethane ($\mu\text{g/L}$)	31.9	16-43	17	30
1,2-Dibromoethane ($\mu\text{g/L}$)	48.8	21-78	36	<5.0*
1,2,3-Trichloropropane ($\mu\text{g/L}$)	22.2	6.7-36	<1.0*	<5.0*

* Results out of range.

- Results not received.

J Estimated value.

QUALITY CONTROL SAMPLES

Table 32. Quality Control Standards for Appendix IX Analyses, Batch No. 2603 (ERA 290-X)
(cont.)

<u>Analyte</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>GE</u>	<u>MT</u>
Base/Neutrals				
Acenaphthene ($\mu\text{g/L}$)	29.8	14-45	-	30
Aniline ($\mu\text{g/L}$)	117	35-190	158	J43
Bis(2-chloroethyl) ether ($\mu\text{g/L}$)	75.4	9.1-110	69	54
Bis(2-ethylhexyl) phthalate ($\mu\text{g/L}$)	50.2	14-79	41	48
Hexachlorophene ($\mu\text{g/L}$)	267	80-430	200	<10 [†]
N-Nitrosodi-n-butylamine ($\mu\text{g/L}$)	153	46-240	177	J70
Phenanthrene ($\mu\text{g/L}$)	48.9	26-59	59	51
1,3,5-Trinitrobenzene ($\mu\text{g/L}$)	33.9	5.1-61	<10	<10
1,4-Dichlorobenzene ($\mu\text{g/L}$)	65.4	28-82	65	50
Acids				
o-Cresol (2-Methylphenol) ($\mu\text{g/L}$)	111	33-140	83	77
2,4,6-Trichlorophenol ($\mu\text{g/L}$)	54.6	20-79	54	41
2,6-Dichlorophenol ($\mu\text{g/L}$)	44.3	14-71	49	J17
Pesticides				
gamma-Benzene hexachloride (Lindane) ($\mu\text{g/L}$)	0.534	0.16-0.74	0.416	0.42 [†]
Isodrin ($\mu\text{g/L}$)	0.123	0.032-0.22	<10.0	0.22
Kepon ($\mu\text{g/L}$)	0.765	0.12-1.4	<10.0	0.3
Methoxychlor ($\mu\text{g/L}$)	1.1	0.33-1.7	0.9	1.45
4,4-DDT ($\mu\text{g/L}$)	2.31	0.86-3.4	-	2.26
PCBs				
Aroclor 1242 ($\mu\text{g/L}$)	3.09	1.2-4.6	<0.5 [†]	3.14

- Results not received.

J Estimated value.

† Results out of range.

QUALITY CONTROL SAMPLES

Table 33. Quality Control Standards for Priority Pollutants Analyses, Batch No. 403 (ERA 290-P)

<u>Analyte</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>GE</u>	<u>MT</u>
Trace Metals				
Aluminum ($\mu\text{g/L}$)	621	465-776	628	167*
Antimony ($\mu\text{g/L}$)	65.4	49-82	65.9	97*
Arsenic ($\mu\text{g/L}$)	215	161-269	194	264
Barium ($\mu\text{g/L}$)	236	177-295	231	66.2*
Beryllium ($\mu\text{g/L}$)	23.5	17-29	20.7	6.9*
Cadmium ($\mu\text{g/L}$)	59.4	44-74	54	17.1*
Chromium ($\mu\text{g/L}$)	218	164-272	187	58.6*
Cobalt ($\mu\text{g/L}$)	188	141-235	177	55*
Copper ($\mu\text{g/L}$)	278	208-347	239	73*
Lead ($\mu\text{g/L}$)	241	180-301	262	327*
Manganese ($\mu\text{g/L}$)	479	359-599	418	126*
Mercury ($\mu\text{g/L}$)	18	13-22	15.6	22.3*
Nickel ($\mu\text{g/L}$)	107	80-134	97.8	158*
Selenium ($\mu\text{g/L}$)	59	44-74	50.3	104*
Silver ($\mu\text{g/L}$)	15	5-25	4.98*	12
Thallium ($\mu\text{g/L}$)	25.6	19-32	21.2	30.2
Vanadium ($\mu\text{g/L}$)	118	88-148	106	34*
Zinc ($\mu\text{g/L}$)	178	133-222	158	49.2*
Cations				
Calcium (mg/L)	127	102-152	105	24.1*
Magnesium (mg/L)	105	84-126	84.2	18.6*
Potassium (mg/L)	26.8	21.4-32.2	25.2	28.3
Sodium (mg/L)	58.3	46.6-70.0	57.9	11.1*
Cyanide and Phenols				
Cyanide (mg/L)	0.109	0.087-0.131	0.094	0.098
Phenols (mg/L)	0.133	0.093-0.173	0.127	0.140

* Results out of range.

QUALITY CONTROL SAMPLES

EPA AUDIT

In April 1990 the EPA conducted a Comprehensive Monitoring Evaluation (CME) of the SRS groundwater monitoring program. The audit included inspections of wells and well installations, observation of well sampling activities, comparisons between EPA and Westinghouse Savannah River Company (WSRC) split samples, inspection of the reporting process, and report oversight. Split samples are two water samples collected at the same time from the same wells. One sample was sent to EPA's designated laboratory for analyses, Normandean Associates (NR) of New Ellenton, SC, and the other sample was sent to its regularly assigned laboratory by EPD/EMS. For comparison of the data, WSRC sent a copy of the results to EPA, and EPA forwarded a copy of the following results to WSRC. It is the policy of EPD/EMS to include all SRS groundwater monitoring data in the program quarterly reports. However, unlike the data analyzed for EPD/EMS, the data received from EPA were not reviewed by EPD/EMS for accuracy or errors.

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90 Time: 11:45
 Depth to water: 145.41 ft (44.32 m) below TOC pH: 5.2
 Water elevation: 231.79 ft (70.65 m) msl Alkalinity: 8 mg/L
 Sp. conductance: 42 µS/cm Water temperature: 20.8°C
 Water evacuated before sampling: 25 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Turbidity	20	NTU	NR
0	Arsenic	<3.0	µg/L	NR
0	Arsenic total	<3.0	µg/L	NR
0	Barium	<5.0	µg/L	NR
0	Benzene	<5.0	µg/L	NR
0	Bromodichloromethane	<5.0	µg/L	NR
0	Bromoform	<5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	<5.0	µg/L	NR
0	Cadmium	<10.0	µg/L	NR
0	Carbon tetrachloride	<5.0	µg/L	NR
0	Chlorobenzene	<5.0	µg/L	NR
0	Chloroethane	<5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	NR
0	Chloroethyl vinyl ether	<5.0	µg/L	NR
0	Chloroform	<5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	<5.0	µg/L	NR
0	Chromium	<20	µg/L	NR
0	cis-1,3-Dichloropropene	<5.0	µg/L	NR
0	Dibromochloromethane	<5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	NR
0	Dissolved arsenic	<3.0	µg/L	NR
0	Dissolved barium	<5.0	µg/L	NR
0	Dissolved cadmium	<10.0	µg/L	NR
0	Dissolved chromium	<20	µg/L	NR
0	Dissolved lead	<3.0	µg/L	NR
0	Dissolved mercury	<0.10	µg/L	NR
0	Dissolved selenium	<6.0	µg/L	NR
0	Dissolved silver	<0.50	µg/L	NR
0	Ethylbenzene	<5.0	µg/L	NR
0	Lead	<3.0	µg/L	NR
0	Mercury	<0.10	µg/L	NR
0	Mercury total	<0.10	µg/L	NR
0	Nitrate as nitrogen	230	µg/L	NR
0	o-Xylene	<5.0	µg/L	NR
0	Selenium	<6.0	µg/L	NR
0	Silver	<0.50	µg/L	NR
0	Sulfate	5,800	µg/L	NR
0	Tetrachloroethylene	<5.0	µg/L	NR
0	Toluene	<5.0	µg/L	NR
0	Total barium	<5.0	µg/L	NR
0	Total cadmium	<10.0	µg/L	NR
0	Total chromium	<20	µg/L	NR
0	Total lead	<3.0	µg/L	NR
0	Total organic carbon	2,900	µg/L	NR
0	Total organic halogens	<10,000	µg/L	NR
0	Total selenium	<6.0	µg/L	NR
0	Total silver	<0.50	µg/L	NR
0	trans-1,2-Dichloroethene	<5.0	µg/L	NR
0	trans-1,3-Dichloropropene	<5.0	µg/L	NR
2	Trichloroethylene	9.1	µg/L	NR
0	Trichlorofluoromethane	<5.0	µg/L	NR
0	1,1-Dichloroethane	<5.0	µg/L	NR

WELL AMB 6 collect. d on 04/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<5.0	µg/L	NR
0	1,1,1-Trichloroethane	<5.0	µg/L	NR
0	1,1,2-Trichloroethane	<5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	NR
0	1,2-Dichlorobenzene	<5.0	µg/L	NR
0	1,2-Dichloroethane	<5.0	µg/L	NR
0	1,2-Dichloropropane	<5.0	µg/L	NR
0	1,3-,1,4-Xylene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<5.0	µg/L	NR
0	1,4-Dichlorobenzene	<5.0	µg/L	NR

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90 Time: 12:30
 Depth to water: 137.19 ft (41.82 m) below TOC pH: 5.7
 Water elevation: 232.61 ft (70.90 m) msl Alkalinity: 19 mg/L
 Sp. conductance: 62 µS/cm Water temperature: 20.1°C
 Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Turbidity	7.2	NTU	NR
0	Arsenic total	<3.0	µg/L	NR
0	Benzene	<5.0	µg/L	NR
0	Bromodichloromethane	<5.0	µg/L	NR
0	Bromoform	<5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	<5.0	µg/L	NR
0	Carbon tetrachloride	<5.0	µg/L	NR
0	Chlorobenzene	<5.0	µg/L	NR
0	Chloroethane	<5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	NR
0	Chloroethyl vinyl ether	<5.0	µg/L	NR
0	Chloroform	<5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	<5.0	µg/L	NR
0	cis-1,3-Dichloropropene	<5.0	µg/L	NR
0	Dibromochloromethane	<5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	NR
0	Ethylbenzene	<5.0	µg/L	NR
1	Mercury total	0.22	µg/L	NR
0	Nitrate as nitrogen	810	µg/L	NR
0	o-Xylene	<5.0	µg/L	NR
0	Sulfate	2,300	µg/L	NR
0	Tetrachloroethylene	<5.0	µg/L	NR
0	Toluene	<5.0	µg/L	NR
0	Total barium	<5.0	µg/L	NR
0	Total cadmium	<10.0	µg/L	NR
0	Total chromium	<20	µg/L	NR
1	Total lead	4.3	µg/L	NR
0	Total organic carbon	3,800	µg/L	NR
0	Total organic halogens	<10,000	µg/L	NR
0	Total selenium	<6.0	µg/L	NR
0	Total silver	<0.50	µg/L	NR
0	trans-1,2-Dichloroethene	<5.0	µg/L	NR
0	trans-1,3-Dichloropropene	<5.0	µg/L	NR
0	Trichloroethylene	<5.0	µg/L	NR
0	Trichlorofluoromethane	<5.0	µg/L	NR
0	1,1-Dichloroethane	<5.0	µg/L	NR

QUALITY CONTROL SAMPLES

WELL AMB 12D collected on 04/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<5.0	µg/L	NR
0	1,1,1-Trichloroethane	<5.0	µg/L	NR
0	1,1,2-Trichloroethane	<5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	NR
0	1,2-Dichlorobenzene	<5.0	µg/L	NR
0	1,2-Dichloroethane	<5.0	µg/L	NR
0	1,2-Dichloropropane	<5.0	µg/L	NR
0	1,3-,1,4-Xylene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<5.0	µg/L	NR
0	1,4-Dichlorobenzene	<5.0	µg/L	NR

WELL AMB 12E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90

Time: Not available

No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Arsenic total	11	µg/L	NR
0	Benzene	<5.0	µg/L	NR
0	Bromodichloromethane	<5.0	µg/L	NR
1	Bromoform	44	µg/L	NR
1	Bromomethane (Methyl bromide)	54	µg/L	NR
2	Carbon tetrachloride	47	µg/L	NR
1	Chlorobenzene	48	µg/L	NR
0	Chloroethane	<5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	NR
1	Chloroethyl vinyl ether	65	µg/L	NR
1	Chloroform	49	µg/L	NR
0	Chloromethane (Methyl chloride)	<5.0	µg/L	NR
0	cis-1,3-Dichloropropene	<5.0	µg/L	NR
1	Cyanide	10.0	µg/L	NR
0	Dibromochloromethane	<5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	NR
0	Dissolved arsenic	<3.0	µg/L	NR
0	Dissolved barium	<5.0	µg/L	NR
0	Dissolved cadmium	<10.0	µg/L	NR
0	Dissolved chromium	<20	µg/L	NR
0	Dissolved lead	<3.0	µg/L	NR
0	Dissolved mercury	<0.10	µg/L	NR
0	Dissolved selenium	<6.0	µg/L	NR
0	Dissolved silver	<0.50	µg/L	NR
0	Ethylbenzene	<5.0	µg/L	NR
1	Mercury total	0.16	µg/L	NR
0	o-Xylene	<5.0	µg/L	NR
0	Tetrachloroethylene	<5.0	µg/L	NR
0	Toluene	<5.0	µg/L	NR
1	Total barium	180	µg/L	NR
0	Total cadmium	<10.0	µg/L	NR
1	Total chromium	21	µg/L	NR
1	Total lead	7.3	µg/L	NR
1	Total selenium	10	µg/L	NR
0	Total silver	<0.50	µg/L	NR
0	trans-1,2-Dichloroethene	<5.0	µg/L	NR
0	trans-1,3-Dichloropropene	<5.0	µg/L	NR
2	Trichloroethylene	40	µg/L	NR
0	Trichlorofluoromethane	<5.0	µg/L	NR
1	1,1-Dichloroethane	39	µg/L	NR
1	1,1-Dichloroethylene	39	µg/L	NR
0	1,1,1-Trichloroethane	<5.0	µg/L	NR
1	1,1,2-Trichloroethane	51	µg/L	NR
1	1,1,2,2-Tetrachloroethane	52	µg/L	NR
0	1,2-Dichlorobenzene	<5.0	µg/L	NR
0	1,2-Dichloroethane	<5.0	µg/L	NR
1	1,2-Dichloropropane	44	µg/L	NR
0	1,3-,1,4-Xylene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<5.0	µg/L	NR
0	1,4-Dichlorobenzene	<5.0	µg/L	NR

WELL AMB 12F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90

Time: Not available

No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Arsenic total	<3.0	µg/L	NR
0	Benzene	<5.0	µg/L	NR

WELL AMB 12F collected on 04/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromodichloromethane	<5.0	µg/L	NR
0	Bromoform	<5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	<5.0	µg/L	NR
0	Carbon tetrachloride	<5.0	µg/L	NR
0	Chlorobenzene	<5.0	µg/L	NR
0	Chloroethane	<5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	NR
0	Chloroethyl vinyl ether	<5.0	µg/L	NR
0	Chloroform	<5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	<5.0	µg/L	NR
0	cis-1,3-Dichloropropene	<5.0	µg/L	NR
0	Cyanide	<5.0	µg/L	NR
0	Dibromochloromethane	<5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	NR
0	Ethylbenzene	<5.0	µg/L	NR
0	Mercury total	<0.10	µg/L	NR
0	o-Xylene	<5.0	µg/L	NR
0	Tetrachloroethylene	<5.0	µg/L	NR
0	Toluene	<5.0	µg/L	NR
0	Total barium	<5.0	µg/L	NR
0	Total cadmium	<10.0	µg/L	NR
0	Total chromium	<20	µg/L	NR
1	Total lead	7.5	µg/L	NR
0	Total selenium	<6.0	µg/L	NR
0	Total silver	<0.50	µg/L	NR
0	trans-1,2-Dichloroethene	<5.0	µg/L	NR
0	trans-1,3-Dichloropropene	<5.0	µg/L	NR
0	Trichloroethylene	<5.0	µg/L	NR
0	Trichlorofluoromethane	<5.0	µg/L	NR
0	1,1-Dichloroethane	<5.0	µg/L	NR
0	1,1,1-Trichloroethane	<5.0	µg/L	NR
0	1,1,2-Trichloroethane	<5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	NR
0	1,2-Dichlorobenzene	<5.0	µg/L	NR
0	1,2-Dichloroethane	<5.0	µg/L	NR
0	1,2-Dichloropropane	<5.0	µg/L	NR
0	1,3-,1,4-Xylene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<5.0	µg/L	NR
0	1,4-Dichlorobenzene	<5.0	µg/L	NR

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90

Time: 13:20

Depth to water: 70.08 ft (21.38 m) below TOC

pH: 5.3

Water elevation: 228.62 ft (69.68 m) msl

Alkalinity: 3 mg/L

Sp. conductance: 30 µS/cm

Water temperature: 20.6°C

Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Turbidity	1.1	NTU	NR
0	Arsenic total	<3.0	µg/L	NR
0	Benzene	<5.0	µg/L	NR
0	Bromodichloromethane	<5.0	µg/L	NR
0	Bromoform	<5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	<5.0	µg/L	NR
0	Carbon tetrachloride	<5.0	µg/L	NR
0	Chlorobenzene	<5.0	µg/L	NR
0	Chloroethane	<5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	NR
0	Chloroethyl vinyl ether	<5.0	µg/L	NR
0	Chloroform	<5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	<5.0	µg/L	NR
0	cis-1,3-Dichloropropene	<5.0	µg/L	NR
0	Dibromochloromethane	<5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	NR
0	Ethylbenzene	<5.0	µg/L	NR
0	Mercury total	<0.10	µg/L	NR
0	Nitrate as nitrogen	900	µg/L	NR
0	o-Xylene	<5.0	µg/L	NR
0	Tetrachloroethylene	<5.0	µg/L	NR
0	Toluene	<5.0	µg/L	NR
1	Total barium	10	µg/L	NR
0	Total cadmium	<10.0	µg/L	NR
0	Total chromium	<20	µg/L	NR
0	Total lead	<3.0	µg/L	NR
0	Total selenium	<6.0	µg/L	NR
0	Total silver	<0.50	µg/L	NR
0	trans-1,2-Dichloroethene	<5.0	µg/L	NR
0	trans-1,3-Dichloropropene	<5.0	µg/L	NR
2	Trichloroethylene	79	µg/L	NR
0	Trichlorofluoromethane	<5.0	µg/L	NR
0	1,1-Dichloroethane	<5.0	µg/L	NR

QUALITY CONTROL SAMPLES

WELL BGO 15D collected on 04/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<5.0	µg/L	NR
0	1,1,1-Trichloroethane	<5.0	µg/L	NR
0	1,1,2-Trichloroethane	<5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	NR
0	1,2-Dichlorobenzene	<5.0	µg/L	NR
0	1,2-Dichloroethane	<5.0	µg/L	NR
0	1,2-Dichloropropane	<5.0	µg/L	NR
0	1,3-,1,4-Xylene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<5.0	µg/L	NR
0	1,4-Dichlorobenzene	<5.0	µg/L	NR

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/90
 Depth to water: 41.80 ft (12.88 m) below TOC
 Water elevation: 200.80 ft (61.20 m) msl
 Sp. conductance: 219 µS/cm
 Water evacuated before sampling: 154 gal

Time: 15:15
 pH: 5.3
 Alkalinity: 9 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Turbidity	0.17	NTU	NR
0	Arsenic total	<3.0	µg/L	NR
0	Benzene	<5.0	µg/L	NR
0	Bromodichloromethane	<5.0	µg/L	NR
0	Bromoform	<5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	<5.0	µg/L	NR
0	Carbon tetrachloride	<5.0	µg/L	NR
0	Chlorobenzene	<5.0	µg/L	NR
0	Chloroethane	<5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	NR
0	Chloroethyl vinyl ether	<5.0	µg/L	NR
0	Chloroform	<5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	<5.0	µg/L	NR
0	cis-1,3-Dichloropropene	<5.0	µg/L	NR
0	Dibromochloromethane	<5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	NR
0	Dissolved arsenic	<3.0	µg/L	NR
1	Dissolved barium	41	µg/L	NR
0	Dissolved cadmium	<10.0	µg/L	NR
0	Dissolved chromium	<20	µg/L	NR
0	Dissolved lead	<3.0	µg/L	NR
0	Dissolved mercury	<0.10	µg/L	NR
0	Dissolved selenium	<6.0	µg/L	NR
0	Dissolved silver	<0.50	µg/L	NR
0	Ethylbenzene	<5.0	µg/L	NR
0	Mercury total	<0.10	µg/L	NR
2	Nitrate as nitrogen	20,800	µg/L	NR
0	o-Xylene	<5.0	µg/L	NR
0	Tetrachloroethylene	<5.0	µg/L	NR
0	Toluene	<5.0	µg/L	NR
1	Total barium	42	µg/L	NR
0	Total cadmium	<10.0	µg/L	NR
0	Total chromium	<20	µg/L	NR
0	Total lead	<3.0	µg/L	NR
0	Total selenium	<6.0	µg/L	NR
0	Total silver	<0.50	µg/L	NR
0	trans-1,2-Dichloroethene	<5.0	µg/L	NR
0	trans-1,3-Dichloropropene	<5.0	µg/L	NR
0	Trichloroethylene	<5.0	µg/L	NR
0	Trichlorofluoromethane	<5.0	µg/L	NR
0	1,1-Dichloroethane	<5.0	µg/L	NR
0	1,1-Dichloroethylene	<5.0	µg/L	NR
0	1,1,1-Trichloroethane	<5.0	µg/L	NR
0	1,1,2-Trichloroethane	<5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	NR
0	1,2-Dichlorobenzene	<5.0	µg/L	NR
0	1,2-Dichloroethane	<5.0	µg/L	NR
0	1,2-Dichloropropane	<5.0	µg/L	NR
0	1,3-,1,4-Xylene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<5.0	µg/L	NR
0	1,4-Dichlorobenzene	<5.0	µg/L	NR

WELL FSB103E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/90
 No water was evacuated before sampling.
 Time: Not available

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Arsenic total	<3.0	µg/L	NR
0	Benzene	<5.0	µg/L	NR
0	Bromodichloromethane	<5.0	µg/L	NR
0	Bromoform	<5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	<5.0	µg/L	NR
0	Carbon tetrachloride	<5.0	µg/L	NR
0	Chlorobenzene	<5.0	µg/L	NR
0	Chloroethane	<5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	NR
0	Chloroethyl vinyl ether	<5.0	µg/L	NR
0	Chloroform	<5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	<5.0	µg/L	NR
0	cis-1,3-Dichloropropene	<5.0	µg/L	NR
0	Dibromochloromethane	<5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	NR
0	Ethylbenzene	<5.0	µg/L	NR
0	Mercury total	<0.10	µg/L	NR
0	o-Xylene	<5.0	µg/L	NR
0	Tetrachloroethylene	<5.0	µg/L	NR
0	Toluene	<5.0	µg/L	NR
0	Total barium	<5.0	µg/L	NR
0	Total cadmium	<10.0	µg/L	NR
0	Total chromium	<20	µg/L	NR
0	Total lead	<3.0	µg/L	NR
0	Total selenium	<6.0	µg/L	NR
0	Total silver	<0.50	µg/L	NR
0	trans-1,2-Dichloroethene	<5.0	µg/L	NR
0	trans-1,3-Dichloropropene	<5.0	µg/L	NR
0	Trichloroethylene	<5.0	µg/L	NR
0	Trichlorofluoromethane	<5.0	µg/L	NR
0	1,1-Dichloroethane	<5.0	µg/L	NR
0	1,1-Dichloroethylene	<5.0	µg/L	NR
0	1,1,1-Trichloroethane	<5.0	µg/L	NR
0	1,1,2-Trichloroethane	<5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	NR
0	1,2-Dichlorobenzene	<5.0	µg/L	NR
0	1,2-Dichloroethane	<5.0	µg/L	NR
0	1,2-Dichloropropane	<5.0	µg/L	NR
0	1,3-,1,4-Xylene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<5.0	µg/L	NR
0	1,4-Dichlorobenzene	<5.0	µg/L	NR

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/90
 Depth to water: 20.72 ft (6.32 m) below TOC
 Water elevation: 198.38 ft (60.47 m) msl
 Sp. conductance: 318 µS/cm
 Water evacuated before sampling: 137 gal
 Time: 16:55
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Turbidity	0.49	NTU	NR
0	Arsenic total	<3.0	µg/L	NR
0	Benzene	<5.0	µg/L	NR
0	Bromodichloromethane	<5.0	µg/L	NR
0	Bromoform	<5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	<5.0	µg/L	NR
0	Carbon tetrachloride	<5.0	µg/L	NR
0	Chlorobenzene	<5.0	µg/L	NR
0	Chloroethane	<5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	NR
0	Chloroethyl vinyl ether	<5.0	µg/L	NR
0	Chloroform	<5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	<5.0	µg/L	NR
0	cis-1,3-Dichloropropene	<5.0	µg/L	NR
0	Dibromochloromethane	<5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	NR
0	Dissolved arsenic	<3.0	µg/L	NR
1	Dissolved barium	64	µg/L	NR
0	Dissolved cadmium	<10.0	µg/L	NR
0	Dissolved chromium	<20	µg/L	NR
0	Dissolved lead	<3.0	µg/L	NR
0	Dissolved mercury	<0.10	µg/L	NR
0	Dissolved selenium	<6.0	µg/L	NR
0	Dissolved silver	<0.50	µg/L	NR

QUALITY CONTROL SAMPLES

WELL FSB104C collected on 04/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Ethylbenzene	< 5.0	µg/L	NR
0	Mercury total	< 0.10	µg/L	NR
2	Nitrate as nitrogen	33,300	µg/L	NR
0	o-Xylene	< 5.0	µg/L	NR
0	Tetrachloroethylene	< 5.0	µg/L	NR
0	Toluene	< 5.0	µg/L	NR
1	Total barium	58	µg/L	NR
0	Total cadmium	< 10.0	µg/L	NR
0	Total chromium	< 20	µg/L	NR
0	Total lead	< 3.0	µg/L	NR
0	Total selenium	< 6.0	µg/L	NR
0	Total silver	< 0.50	µg/L	NR
0	trans-1,2-Dichloroethene	< 5.0	µg/L	NR
0	trans-1,3-Dichloropropene	< 5.0	µg/L	NR
0	Trichloroethylene	< 5.0	µg/L	NR
0	Trichlorofluoromethane	< 5.0	µg/L	NR
0	1,1-Dichloroethane	< 5.0	µg/L	NR
0	1,1-Dichloroethylene	< 5.0	µg/L	NR
0	1,1,1-Trichloroethane	< 5.0	µg/L	NR
0	1,1,2-Trichloroethane	< 5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	NR
0	1,2-Dichlorobenzene	< 5.0	µg/L	NR
0	1,2-Dichloroethane	< 5.0	µg/L	NR
0	1,2-Dichloropropane	< 5.0	µg/L	NR
0	1,3-,1,4-Xylene	< 5.0	µg/L	NR
0	1,3-Dichlorobenzene	< 5.0	µg/L	NR
0	1,4-Dichlorobenzene	< 5.0	µg/L	NR

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 36.91 ft (11.25 m) below TOC
 Water elevation: 210.79 ft (68.69 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 143 gal

Time: 14:40
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Turbidity	0.47	NTU	NR
0	Arsenic	< 3.0	µg/L	NR
0	Arsenic total	< 3.0	µg/L	NR
0	Barium	< 5.0	µg/L	NR
0	Benzene	< 5.0	µg/L	NR
0	Bromodichloromethane	< 5.0	µg/L	NR
0	Bromoform	< 5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	< 5.0	µg/L	NR
0	Cadmium	< 10.0	µg/L	NR
0	Carbon tetrachloride	< 5.0	µg/L	NR
0	Chlorobenzene	< 5.0	µg/L	NR
0	Chloroethane	< 5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	< 5.0	µg/L	NR
0	Chloroethyl vinyl ether	< 5.0	µg/L	NR
0	Chloroform	< 5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	< 5.0	µg/L	NR
0	Chromium	< 20	µg/L	NR
0	cis-1,3-Dichloropropene	< 5.0	µg/L	NR
0	Dibromochloromethane	< 5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	NR
0	Dissolved arsenic	< 3.0	µg/L	NR
0	Dissolved barium	< 5.0	µg/L	NR
0	Dissolved cadmium	< 10.0	µg/L	NR
0	Dissolved chromium	< 20	µg/L	NR
0	Dissolved lead	< 3.0	µg/L	NR
0	Dissolved mercury	< 0.10	µg/L	NR
0	Dissolved selenium	< 6.0	µg/L	NR
0	Dissolved silver	< 0.50	µg/L	NR
0	Ethylbenzene	< 5.0	µg/L	NR
0	Lead	< 3.0	µg/L	NR
0	Mercury	< 0.10	µg/L	NR
1	Mercury total	0.46	µg/L	NR
0	Nitrate as nitrogen	770	µg/L	NR
0	o-Xylene	< 5.0	µg/L	NR
0	Selenium	< 6.0	µg/L	NR
0	Silver	< 0.50	µg/L	NR
0	Tetrachloroethylene	< 5.0	µg/L	NR
0	Toluene	< 5.0	µg/L	NR
0	Total barium	< 5.0	µg/L	NR
0	Total cadmium	< 10.0	µg/L	NR
0	Total chromium	< 20	µg/L	NR
0	Total lead	< 3.0	µg/L	NR
0	Total selenium	< 6.0	µg/L	NR
0	Total silver	< 0.50	µg/L	NR
0	trans-1,2-Dichloroethene	< 5.0	µg/L	NR
0	trans-1,3-Dichloropropene	< 5.0	µg/L	NR

WELL HSB110C collected on 04/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	< 5.0	µg/L	NR
0	Trichlorofluoromethane	< 5.0	µg/L	NR
0	1,1-Dichloroethane	< 5.0	µg/L	NR
0	1,1-Dichloroethylene	< 5.0	µg/L	NR
0	1,1,1-Trichloroethane	< 5.0	µg/L	NR
0	1,1,2-Trichloroethane	< 5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	NR
0	1,2-Dichlorobenzene	< 5.0	µg/L	NR
0	1,2-Dichloroethane	< 5.0	µg/L	NR
0	1,2-Dichloropropane	< 5.0	µg/L	NR
0	1,3-,1,4-Xylene	< 5.0	µg/L	NR
0	1,3-Dichlorobenzene	< 5.0	µg/L	NR
0	1,4-Dichlorobenzene	< 5.0	µg/L	NR

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 25.98 ft (7.92 m) below TOC
 Water elevation: 208.02 ft (68.60 m) msl
 Sp. conductance: 205 µS/cm
 Water evacuated before sampling: 172 gal

Time: 15:55
 pH: 7.0
 Alkalinity: 93 mg/L
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Turbidity	52	NTU	NR
0	Arsenic	< 3.0	µg/L	NR
0	Arsenic total	< 3.0	µg/L	NR
0	Barium	15	µg/L	NR
0	Benzene	< 5.0	µg/L	NR
0	Bromodichloromethane	< 5.0	µg/L	NR
0	Bromoform	< 5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	< 5.0	µg/L	NR
0	Cadmium	< 10.0	µg/L	NR
0	Carbon tetrachloride	< 5.0	µg/L	NR
0	Chlorobenzene	< 5.0	µg/L	NR
0	Chloroethane	< 5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	< 5.0	µg/L	NR
0	Chloroethyl vinyl ether	< 5.0	µg/L	NR
0	Chloroform	< 5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	< 5.0	µg/L	NR
0	Chromium	< 20	µg/L	NR
0	cis-1,3-Dichloropropene	< 5.0	µg/L	NR
0	Dibromochloromethane	< 5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	NR
0	Dissolved arsenic	< 3.0	µg/L	NR
1	Dissolved barium	16	µg/L	NR
0	Dissolved cadmium	< 10.0	µg/L	NR
0	Dissolved chromium	< 20	µg/L	NR
0	Dissolved lead	< 3.0	µg/L	NR
0	Dissolved mercury	< 0.10	µg/L	NR
0	Dissolved selenium	< 6.0	µg/L	NR
0	Dissolved silver	< 0.50	µg/L	NR
0	Ethylbenzene	< 5.0	µg/L	NR
0	Lead	< 3.0	µg/L	NR
0	Mercury	< 0.10	µg/L	NR
0	Mercury total	< 0.10	µg/L	NR
0	Nitrate as nitrogen	900	µg/L	NR
0	o-Xylene	< 5.0	µg/L	NR
0	Selenium	< 6.0	µg/L	NR
0	Silver	< 0.50	µg/L	NR
0	Tetrachloroethylene	< 5.0	µg/L	NR
0	Toluene	< 5.0	µg/L	NR
1	Total barium	42	µg/L	NR
0	Total cadmium	< 10.0	µg/L	NR
0	Total chromium	< 20	µg/L	NR
0	Total lead	< 3.0	µg/L	NR
0	Total selenium	< 6.0	µg/L	NR
0	Total silver	< 0.50	µg/L	NR
0	trans-1,2-Dichloroethene	< 5.0	µg/L	NR
0	trans-1,3-Dichloropropene	< 5.0	µg/L	NR
0	Trichloroethylene	< 5.0	µg/L	NR
0	Trichlorofluoromethane	< 5.0	µg/L	NR
0	1,1-Dichloroethane	< 5.0	µg/L	NR
0	1,1-Dichloroethylene	< 5.0	µg/L	NR
0	1,1,1-Trichloroethane	< 5.0	µg/L	NR
0	1,1,2-Trichloroethane	< 5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	NR
0	1,2-Dichlorobenzene	< 5.0	µg/L	NR
0	1,2-Dichloroethane	< 5.0	µg/L	NR
0	1,2-Dichloropropane	< 5.0	µg/L	NR
0	1,3-,1,4-Xylene	< 5.0	µg/L	NR
0	1,3-Dichlorobenzene	< 5.0	µg/L	NR
0	1,4-Dichlorobenzene	< 5.0	µg/L	NR

QUALITY CONTROL SAMPLES

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90 Time: 11:20
 Depth to water: 140.75 ft (42.90 m) below TOC pH: 5.6
 Water elevation: 222.15 ft (67.71 m) msl Alkalinity: 8 mg/L
 Sp. conductance: 43 µS/cm Water temperature: 18.2°C
 Water evacuated before sampling: 123 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Turbidity	8.3	NTU	NR
0	Acenaphthylene	< 10	µg/L	NR
0	Anthracene	< 10	µg/L	NR
0	Arsenic total	< 3.0	µg/L	NR
0	Azobenzene	< 10	µg/L	NR
0	Benzene	< 10	µg/L	NR
0	Benzo[a]anthracene	< 10	µg/L	NR
0	Benzo[a]pyrene	< 10	µg/L	NR
0	Benzo[b]fluoranthene	< 10	µg/L	NR
0	Benzo[g,h,i]perylene	< 20	µg/L	NR
0	Benzo[k]fluoranthene	< 10	µg/L	NR
0	Bis(2-chloroethoxy) methane	< 10	µg/L	NR
0	Bis(2-chloroethyl) ether	< 10	µg/L	NR
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	NR
0	Bis(2-ethylhexyl) phthalate	< 20	µg/L	NR
0	Bromodichloromethane	< 10	µg/L	NR
0	Bromoform	< 10	µg/L	NR
0	Bromomethane (Methyl bromide)	< 10	µg/L	NR
0	Butylbenzyl phthalate	< 10	µg/L	NR
0	Carbon tetrachloride	< 10	µg/L	NR
0	Chloride	1,900	µg/L	NR
0	Chlorobenzene	< 10	µg/L	NR
0	Chloroethane	< 10	µg/L	NR
0	Chloroethene (Vinyl chloride)	< 10	µg/L	NR
0	Chloroethyl vinyl ether	< 10	µg/L	NR
0	Chloroform	< 10	µg/L	NR
0	Chloromethane (Methyl chloride)	< 10	µg/L	NR
0	Chrysene	< 10	µg/L	NR
0	cis-1,3-Dichloropropene	< 10	µg/L	NR
0	Cyanide	< 5.0	µg/L	NR
0	Di-n-butyl phthalate	< 10	µg/L	NR
0	Di-n-octyl phthalate	< 10	µg/L	NR
0	Dibenz[a,h]anthracene	< 20	µg/L	NR
0	Dibromochloromethane	< 10	µg/L	NR
0	Dichloromethane (Methylene chloride)	< 10	µg/L	NR
0	Diethyl phthalate	< 10	µg/L	NR
0	Dimethyl phthalate	< 10	µg/L	NR
0	Ethylbenzene	< 10	µg/L	NR
0	Fluoranthene	< 10	µg/L	NR
0	Fluorene	< 10	µg/L	NR
0	Hexachlorobenzene	< 10	µg/L	NR
0	Hexachlorobutadiene	< 10	µg/L	NR
0	Hexachlorocyclopentadiene	< 10	µg/L	NR
0	Hexachloroethane	< 10	µg/L	NR
0	Ideno[1,2,3-c,d]pyrene	< 50	µg/L	NR
0	Isophorone	< 10	µg/L	NR
0	Mercury total	< 0.10	µg/L	NR
0	N-Nitrosodimethylamine	< 10	µg/L	NR
0	N-Nitrosodiphenylamine	< 10	µg/L	NR
0	Naphthalene	< 10	µg/L	NR
0	Nitrobenzene	< 10	µg/L	NR
0	o-Xylene	< 10	µg/L	NR
0	Phenanthrene	< 10	µg/L	NR
0	Pyrene	< 10	µg/L	NR
0	Tetrachloroethylene	< 10	µg/L	NR
0	Toluene	< 10	µg/L	NR
1	Total barium	12	µg/L	NR
0	Total cadmium	< 10.0	µg/L	NR
0	Total chromium	< 20	µg/L	NR
0	Total lead	< 3.0	µg/L	NR
0	Total selenium	< 6.0	µg/L	NR
0	Total silver	< 0.50	µg/L	NR
0	trans-1,2-Dichloroethene	< 10	µg/L	NR
0	trans-1,3-Dichloropropene	< 10	µg/L	NR
2	Trichloroethylene	206	µg/L	NR
0	Trichlorofluoromethane	< 10	µg/L	NR
0	1,1-Dichloroethane	< 10	µg/L	NR
0	1,1-Dichloroethylene	< 10	µg/L	NR
0	1,1,1-Trichloroethane	< 10	µg/L	NR
0	1,1,2-Trichloroethane	< 10	µg/L	NR
0	1,1,2,2-Tetrachloroethane	< 10	µg/L	NR
0	1,2-Dichlorobenzene	< 10	µg/L	NR
0	1,2-Dichlorobenzene	< 10	µg/L	NR
0	1,2-Dichloroethane	< 10	µg/L	NR
0	1,2-Dichloropropane	< 10	µg/L	NR
0	1,3-, 1,4-Xylene	< 10	µg/L	NR
0	1,3-Dichlorobenzene	< 10	µg/L	NR
0	1,3-Dichlorobenzene	< 10	µg/L	NR
0	1,4-Dichlorobenzene	< 10	µg/L	NR

WELL MSB 48C collected on 04/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloronaphthalene	< 10	µg/L	NR
0	2-Methyl-4,6-dinitrophenol	< 20	µg/L	NR
0	2-Nitrophenol	< 10	µg/L	NR
0	2,4-Dichlorophenol	< 10	µg/L	NR
0	2,4-Dimethyl phenol	< 10	µg/L	NR
0	2,4-Dinitrophenol	< 20	µg/L	NR
0	2,4-Dinitrotoluene	< 10	µg/L	NR
0	2,4,6-Trichlorophenol	< 10	µg/L	NR
0	2,6-Dinitrotoluene	< 20	µg/L	NR
0	3,3'-Dichlorobenzidine	< 10	µg/L	NR
0	4-Bromophenyl phenyl ether	< 10	µg/L	NR
0	4-Chlorophenyl phenyl ether	< 10	µg/L	NR
0	4-Nitrophenol	< 20	µg/L	NR

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90 Time: 10:15
 Depth to water: 182.91 ft (49.66 m) below TOC pH: 5.9
 Water elevation: 218.79 ft (66.69 m) msl Alkalinity: 23 mg/L
 Sp. conductance: 38 µS/cm Water temperature: 17.6°C
 Water evacuated before sampling: 206 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Turbidity	< 0.10	NTU	NR
0	Acenaphthene	< 10	µg/L	NR
0	Acenaphthylene	< 10	µg/L	NR
0	Anthracene	< 10	µg/L	NR
0	Arsenic total	< 3.0	µg/L	NR
0	Azobenzene	< 10	µg/L	NR
0	Benzene	< 5.0	µg/L	NR
0	Benzo[a]anthracene	< 10	µg/L	NR
0	Benzo[a]pyrene	< 10	µg/L	NR
0	Benzo[b]fluoranthene	< 10	µg/L	NR
0	Benzo[g,h,i]perylene	< 20	µg/L	NR
0	Benzo[k]fluoranthene	< 10	µg/L	NR
0	Bis(2-chloroethoxy) methane	< 10	µg/L	NR
0	Bis(2-chloroethyl) ether	< 10	µg/L	NR
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	NR
0	Bis(2-ethylhexyl) phthalate	< 20	µg/L	NR
0	Bromodichloromethane	< 5.0	µg/L	NR
0	Bromoform	< 5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	< 5.0	µg/L	NR
0	Butylbenzyl phthalate	< 10	µg/L	NR
0	Carbon tetrachloride	< 5.0	µg/L	NR
0	Chloride	1,280	µg/L	NR
0	Chlorobenzene	< 5.0	µg/L	NR
0	Chloroethane	< 5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	< 5.0	µg/L	NR
0	Chloroethyl vinyl ether	< 5.0	µg/L	NR
0	Chloroform	< 5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	< 5.0	µg/L	NR
0	Chrysene	< 10	µg/L	NR
0	cis-1,3-Dichloropropene	< 5.0	µg/L	NR
0	Cyanide	< 5.0	µg/L	NR
0	Di-n-butyl phthalate	< 10	µg/L	NR
0	Di-n-octyl phthalate	< 10	µg/L	NR
0	Dibenz[a,h]anthracene	< 20	µg/L	NR
0	Dibromochloromethane	< 5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	NR
0	Diethyl phthalate	< 10	µg/L	NR
0	Dimethyl phthalate	< 10	µg/L	NR
0	Ethylbenzene	< 5.0	µg/L	NR
0	Fluoranthene	< 10	µg/L	NR
0	Fluorene	< 10	µg/L	NR
0	Hexachlorobenzene	< 10	µg/L	NR
0	Hexachlorobutadiene	< 10	µg/L	NR
0	Hexachlorocyclopentadiene	< 10	µg/L	NR
0	Hexachloroethane	< 10	µg/L	NR
0	Ideno[1,2,3-c,d]pyrene	< 50	µg/L	NR
0	Isophorone	< 10	µg/L	NR
0	Mercury total	< 0.10	µg/L	NR
0	N-Nitrosodi-propylamine	< 10	µg/L	NR
0	N-Nitrosodimethylamine	< 10	µg/L	NR
0	N-Nitrosodiphenylamine	< 10	µg/L	NR
0	Naphthalene	< 10	µg/L	NR
0	Nitrobenzene	< 10	µg/L	NR
0	o-Xylene	< 5.0	µg/L	NR
0	Phenanthrene	< 20	µg/L	NR
0	Phenols	< 10	µg/L	NR
0	Pyrene	< 10	µg/L	NR
0	Tetrachloroethylene	< 5.0	µg/L	NR
0	Toluene	< 5.0	µg/L	NR

QUALITY CONTROL SAMPLES

WELL MSB 69B collected on 04/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total barium	9.9	µg/L	NR
0	Total cadmium	<10.0	µg/L	NR
0	Total chromium	<20	µg/L	NR
0	Total lead	<3.0	µg/L	NR
0	Total selenium	<6.0	µg/L	NR
0	Total silver	<0.50	µg/L	NR
0	trans-1,2-Dichloroethene	<5.0	µg/L	NR
0	trans-1,3-Dichloropropene	<5.0	µg/L	NR
0	Trichloroethylene	<5.0	µg/L	NR
0	Trichlorofluoromethane	<5.0	µg/L	NR
0	1,1-Dichloroethane	<5.0	µg/L	NR
0	1,1-Dichloroethylene	<5.0	µg/L	NR
0	1,1,1-Trichloroethane	<5.0	µg/L	NR
0	1,1,2-Trichloroethane	<5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	NR
0	1,2-Dichlorobenzene	<5.0	µg/L	NR
0	1,2-Dichloropropane	<10	µg/L	NR
0	1,2-Dichloroethane	<5.0	µg/L	NR
0	1,2-Dichloropropane	<5.0	µg/L	NR
0	1,2,4-Trichlorobenzene	<10	µg/L	NR
0	1,3-,1,4-Xylene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<10	µg/L	NR
0	1,4-Dichlorobenzene	<5.0	µg/L	NR
0	1,4-Dichlorobenzene	<10	µg/L	NR
0	2-Chloronaphthalene	<10	µg/L	NR
0	2-Chlorophenol	<10	µg/L	NR
0	2-Methyl-4,6-dinitrophenol	<20	µg/L	NR
0	2-Nitrophenol	<10	µg/L	NR
0	2,4-Dichlorophenol	<10	µg/L	NR
0	2,4-Dimethyl phenol	<10	µg/L	NR
0	2,4-Dinitrophenol	<20	µg/L	NR
0	2,4-Dinitrotoluene	<10	µg/L	NR
0	2,4,6-Trichlorophenol	<10	µg/L	NR
0	2,6-Dinitrotoluene	<20	µg/L	NR
0	3,3'-Dichlorobenzidine	<10	µg/L	NR
0	4-Bromophenyl phenyl ether	<10	µg/L	NR
0	4-Chloro-3-methylphenol	<10	µg/L	NR
0	4-Chlorophenyl phenyl ether	<10	µg/L	NR
0	4-Nitrophenol	<20	µg/L	NR

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 155.70 ft (47.46 m) below TOC
 Water elevation: 226.10 ft (68.92 m) msl
 Sp. conductance: 98 µS/cm
 Water evacuated before sampling: 28 gal
 The well went dry during purging.

Time: 11:50
 pH: 6.6
 Alkalinity: 30 mg/L
 Water temperature: 17.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Turbidity	0.35	NTU	NR
0	Acenaphthene	<10	µg/L	NR
0	Acenaphthylene	<10	µg/L	NR
0	Anthracene	<10	µg/L	NR
0	Arsenic total	<3.0	µg/L	NR
0	Azobenzene	<10	µg/L	NR
0	Benzene	<5.0	µg/L	NR
0	Benzo[a]anthracene	<10	µg/L	NR
0	Benzo[a]pyrene	<10	µg/L	NR
0	Benzo[b]fluoranthene	<10	µg/L	NR
0	Benzo[g,h,i]perylene	<20	µg/L	NR
0	Benzo[k]fluoranthene	<10	µg/L	NR
0	Bis(2-chloroethoxy) methane	<10	µg/L	NR
0	Bis(2-chloroethyl) ether	<10	µg/L	NR
0	Bis(2-chloroisopropyl) ether	<10	µg/L	NR
0	Bis(2-ethylhexyl) phthalate	<20	µg/L	NR
0	Bromodichloromethane	<5.0	µg/L	NR
0	Bromoform	<5.0	µg/L	NR
0	Bromomethane (Methyl bromide)	<5.0	µg/L	NR
0	Butylbenzyl phthalate	<10	µg/L	NR
0	Carbon tetrachloride	<5.0	µg/L	NR
0	Chloride	2,590	µg/L	NR
0	Chlorobenzene	<5.0	µg/L	NR
0	Chloroethane	<5.0	µg/L	NR
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	NR
0	Chloroethyl vinyl ether	<5.0	µg/L	NR
0	Chloroform	<5.0	µg/L	NR
0	Chloromethane (Methyl chloride)	<5.0	µg/L	NR
0	Chrysene	<10	µg/L	NR
0	cis-1,3-Dichloropropene	<5.0	µg/L	NR
0	Cyanide	<5.0	µg/L	NR
0	Di-n-butyl phthalate	<10	µg/L	NR

WELL MSB 69C collected on 04/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Di-n-octyl phthalate	<10	µg/L	NR
0	Dibenz[a,h]anthracene	<20	µg/L	NR
0	Dibromochloromethane	<5.0	µg/L	NR
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	NR
0	Diethyl phthalate	<10	µg/L	NR
0	Dimethyl phthalate	<10	µg/L	NR
0	Ethylbenzene	<5.0	µg/L	NR
0	Fluoranthene	<10	µg/L	NR
0	Fluorene	<10	µg/L	NR
0	Hexachlorobenzene	<10	µg/L	NR
0	Hexachlorobutadiene	<10	µg/L	NR
0	Hexachlorocyclopentadiene	<10	µg/L	NR
0	Hexachloroethane	<10	µg/L	NR
0	Ideno[1,2,3-c,d]pyrene	<50	µg/L	NR
0	Isophorone	<10	µg/L	NR
0	Mercury total	<0.10	µg/L	NR
0	N-Nitrosodi-propylamine	<10	µg/L	NR
0	N-Nitrosodimethylamine	<10	µg/L	NR
0	N-Nitrosodiphenylamine	<10	µg/L	NR
0	Naphthalene	<10	µg/L	NR
0	Nitrobenzene	<10	µg/L	NR
0	o-Xylene	<5.0	µg/L	NR
0	Pentachlorophenol	<20	µg/L	NR
0	Phenanthrene	<10	µg/L	NR
0	Phenols	<10	µg/L	NR
0	Pyrene	<10	µg/L	NR
0	Tetrachloroethylene	<5.0	µg/L	NR
0	Toluene	<5.0	µg/L	NR
1	Total barium	13	µg/L	NR
0	Total cadmium	<10.0	µg/L	NR
0	Total chromium	<20	µg/L	NR
0	Total lead	<3.0	µg/L	NR
0	Total selenium	<6.0	µg/L	NR
0	Total silver	<0.50	µg/L	NR
0	trans-1,2-Dichloroethene	<5.0	µg/L	NR
0	trans-1,3-Dichloropropene	<5.0	µg/L	NR
2	Trichloroethylene	119	µg/L	NR
0	Trichlorofluoromethane	<5.0	µg/L	NR
0	1,1-Dichloroethane	<5.0	µg/L	NR
0	1,1-Dichloroethylene	<5.0	µg/L	NR
0	1,1,1-Trichloroethane	<5.0	µg/L	NR
0	1,1,2-Trichloroethane	<5.0	µg/L	NR
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	NR
0	1,2-Dichlorobenzene	<5.0	µg/L	NR
0	1,2-Dichlorobenzene	<10	µg/L	NR
0	1,2-Dichloroethane	<5.0	µg/L	NR
0	1,2-Dichloropropane	<5.0	µg/L	NR
0	1,2,4-Trichlorobenzene	<10	µg/L	NR
0	1,3-,1,4-Xylene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<5.0	µg/L	NR
0	1,3-Dichlorobenzene	<10	µg/L	NR
0	1,4-Dichlorobenzene	<5.0	µg/L	NR
0	1,4-Dichlorobenzene	<10	µg/L	NR
0	2-Chloronaphthalene	<10	µg/L	NR
0	2-Chlorophenol	<10	µg/L	NR
0	2-Methyl-4,6-dinitrophenol	<20	µg/L	NR
0	2-Nitrophenol	<10	µg/L	NR
0	2,4-Dichlorophenol	<10	µg/L	NR
0	2,4-Dimethyl phenol	<10	µg/L	NR
0	2,4-Dinitrophenol	<20	µg/L	NR
0	2,4-Dinitrotoluene	<10	µg/L	NR
0	2,4,6-Trichlorophenol	<10	µg/L	NR
0	2,6-Dinitrotoluene	<20	µg/L	NR
0	3,3'-Dichlorobenzidine	<10	µg/L	NR
0	4-Bromophenyl phenyl ether	<10	µg/L	NR
0	4-Chloro-3-methylphenol	<10	µg/L	NR
0	4-Chlorophenyl phenyl ether	<10	µg/L	NR
0	4-Nitrophenol	<20	µg/L	NR

QUALITY CONTROL SAMPLES

BLANKS

Samples of distilled water used for rinse water in the field and labeled with alias well names were sent to metaTRACE, General Engineering, and Teledyne Isotopes. Results from these blanks are used to identify potential contaminants in the rinse water, sample containers, or analytical equipment. The blanks tables list the dates, field measurements, and analytical results for these blanks.

The following codes may appear in these data.

$\mu\text{g/L}$ = micrograms per liter

$\mu\text{S/cm}$ = microsiemens per centimeter (equivalent to micromhos per centimeter)

B = analyte detected in associated blank as well as in sample

E = exponential notation (e.g., $200000 \pm 20\text{E}3$ pCi/mL = 200000 ± 20000 pCi/mL)

GE = General Engineering

J = estimated value

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

QUALITY CONTROL SAMPLES

WELL BLANK

WELL BLANK collected on 04/01/90, laboratory analyses (continued)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90 Time: 15:10
 Depth to water: Not available pH: 6.4
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 37.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
0	pH	6.3	pH	MT
0	pH	5.7	pH	GE
0	Specific conductance	5.7	µS/cm	MT
0	Specific conductance	5.7	µS/cm	MT
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.35	NTU	MT
0	Turbidity	0.37	NTU	MT
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	34	µg/L	GE
0	Anthracene	< 10	µg/L	GE
1	Antimony	4.8	µg/L	MT
0	Antimony	< 2.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	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	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	130	µg/L	MT
0	Calcium	105	µg/L	MT
0	Calcium	31	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	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	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	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	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno 1,2,3-c,d pyrene	< 10	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	30	µg/L	MT
0	Iron	34	µg/L	MT
0	Iron	6.4	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	17	µg/L	MT
0	Magnesium	13	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
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	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
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	< 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	< 5.0	µg/L	MT
0	Phenols	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	<600	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	<2,140	µg/L	MT
0	Silica	595	µg/L	GE
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	158	µg/L	MT
0	Sodium	20	µg/L	MT
0	Sodium	181	µg/L	GE
0	Sulfate	7,320	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<3.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Tin	<1,000	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	2,000	µg/L	MT
0	Total dissolved solids	2,000	µg/L	GE
1	Total hydrocarbons	2,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	15	µg/L	MT
0	Total organic halogens	9.0	µg/L	GE
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Zinc	16	µg/L	MT
0	Zinc	30	µg/L	MT
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
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	<5.0	µg/L	MT
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	<0.46	µg/L	MT

WELL BLANK collected on 04/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
C	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
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	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<1.0	pCi/ml	MT
0	Tritium	<0.70	pCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 8:55
 pH: 8.4
 Alkalinity: 1 mg/L
 Water temperature: 19.0 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	pH	5.9	pH	MT
0	Specific conductance	4.2	µS/cm	MT
0	Specific conductance	4.2	µS/cm	MT
0	Turbidity	0.42	NTU	MT
0	Turbidity	0.39	NTU	MT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<40	µg/L	MT
0	Aluminum	<40	µg/L	MT
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	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	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bulybenzyl phthalate	<10	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<40	µg/L	MT
0	Calcium	<40	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/03/90, laboratory analyses (continued)

WELL BLANK collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab	Flag	Analyte	Result	Unit	Lab
0	Calcium	57	µg/L	GE	0	Nitrate as nitrogen	<100	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT	0	Nitrite as nitrogen	<400	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE	0	Nitrite as nitrogen	<400	µg/L	MT
0	Chlordane	<10	µg/L	GE	0	Nitrobenzene	<10	µg/L	GE
0	Chloride	<250	µg/L	MT	0	Oil & grease	<1,000	µg/L	GE
0	Chloride	<250	µg/L	MT	0	p,p'-DDD	<10	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT	0	p,p'-DDE	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE	0	p,p'-DDT	<10	µg/L	GE
0	Chloroethane	<10	µg/L	MT	0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE	0	PCB 1018	<150	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE	0	PCB 1221	<150	µg/L	GE
0	Chloroform	<5.0	µg/L	MT	0	PCB 1232	<150	µg/L	GE
0	Chloroform	<1.0	µg/L	GE	0	PCB 1242	<150	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT	0	PCB 1248	<150	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE	0	PCB 1254	<150	µg/L	GE
0	Chromium	<5.0	µg/L	MT	0	PCB 1260	<150	µg/L	GE
0	Chromium	<5.0	µg/L	MT	0	Pentachlorophenol	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE	0	Phenanthrene	<10	µg/L	GE
0	Chrysene	<10	µg/L	GE	0	Phenols	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT	0	Phenols	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE	0	Potassium	<800	µg/L	MT
0	Cobalt	<20	µg/L	MT	0	Potassium	<500	µg/L	GE
0	Cobalt	<20	µg/L	MT	0	Pyrene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE	0	Selenium	<3.0	µg/L	MT
0	Copper	<5.0	µg/L	MT	0	Selenium	<3.0	µg/L	MT
0	Copper	<5.0	µg/L	MT	0	Selenium	<2.0	µg/L	GE
0	Copper	<4.0	µg/L	GE	0	Silica	<2,140	µg/L	MT
0	Cyanide	<5.0	µg/L	MT	0	Silica	898	µg/L	GE
0	Cyanide	<5.0	µg/L	MT	0	Silica	<2,140	µg/L	MT
0	delta-Benzene hexachloride	<10	µg/L	GE	0	Silica	<2,140	µg/L	MT
0	Di-n-butyl phthalate	<10	µg/L	GE	0	Silver	<2.0	µg/L	MT
0	Di-n-octyl phthalate	<10	µg/L	GE	0	Silver	<2.0	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE	0	Sodium	38	µg/L	MT
0	Dibenz[a,h]anthracene	<10	µg/L	GE	0	Sodium	47	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT	0	Sodium	130	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE	0	Sulfate	7,760	µg/L	MT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	MT	0	Sulfate	<1,000	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE	0	Sulfate	<1,000	µg/L	MT
0	Dieldrin	<10	µg/L	GE	0	Sulfide	7,560	µg/L	MT
0	Diethyl phthalate	<10	µg/L	GE	0	Tetrachloroethylene	<5.0	µg/L	MT
0	Diethyl phthalate	<10	µg/L	GE	0	Tetrachloroethylene	<1.0	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE	0	Thallium	<2.0	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	MT	0	Thallium	<2.0	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	MT	0	Thallium	<2.0	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE	0	Tin	<1,000	µg/L	MT
0	Endrin	<0.0060	µg/L	MT	0	Tin	<1,000	µg/L	MT
0	Endrin	<10	µg/L	GE	0	Tin	<2.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE	0	Toluene	<5.0	µg/L	MT
0	Endrin aldehyde	<10	µg/L	GE	0	Toluene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT	0	Total dissolved solids	4,000	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE	0	Total dissolved solids	5,000	µg/L	MT
0	Fluoranthene	<10	µg/L	GE	0	Total hydrocarbons	<1,000	µg/L	GE
0	Fluorene	<10	µg/L	GE	0	Total organic carbon	1,300	µg/L	MT
0	Fluoride	<250	µg/L	MT	0	Total organic carbon	1,300	µg/L	MT
0	Fluoride	<250	µg/L	MT	0	Total organic halogens	<5.0	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT	0	Total organic halogens	<5.0	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<10	µg/L	GE	0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE	0	Total phosphates	<10	µg/L	MT
0	Heptachlor	<10	µg/L	GE	0	Toxaphene	<0.24	µg/L	MT
0	Heptachlor epoxide	<10	µg/L	GE	0	Toxaphene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE	0	Toxaphene	<0.24	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE	0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	Hexachlorocyclopentadiene	<10	µg/L	GE	0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE	0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	Indeno 1,2,3-c,d pyrene	<10	µg/L	GE	0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Iron	<20	µg/L	MT	0	Trichloroethylene	<5.0	µg/L	MT
0	Iron	<20	µg/L	MT	0	Trichloroethylene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE	0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Isophorone	<10	µg/L	GE	0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Lead	<2.0	µg/L	MT	0	Uranium	<119	µg/L	MT
0	Lead	<2.0	µg/L	MT	0	Uranium	<119	µg/L	MT
0	Lead	<3.0	µg/L	GE	0	Uranium	<1,000	µg/L	GE
0	Magnesium	<10	µg/L	MT	0	Vanadium	<5.0	µg/L	MT
0	Magnesium	<10	µg/L	MT	0	Vanadium	<5.0	µg/L	MT
0	Magnesium	<2.0	µg/L	GE	0	Vanadium	<10	µg/L	GE
0	Manganese	<5.0	µg/L	MT	0	Xylenes	<5.0	µg/L	MT
0	Manganese	<5.0	µg/L	MT	0	Xylenes	<1.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE	0	Zinc	<10	µg/L	MT
0	Mercury	<0.20	µg/L	MT	0	Zinc	<10	µg/L	MT
0	Mercury	<0.20	µg/L	GE	0	Zinc	<2.0	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT	0	1,1-Dichloroethane	<5.0	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE	0	1,1-Dichloroethane	<1.0	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE	0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	GE	0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE	0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	Naphthalene	<10	µg/L	GE	0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Nickel	<5.2	µg/L	MT	0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	Nickel	<4.0	µg/L	GE	0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT	0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
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	< 5.0	µg/L	MT
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-4,8-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
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	0.60 ± 0.40	pCi/L	TE
1	Americium-243	0.62 ± 0.40	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
0	Carbon-14	< 20	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	0.27 ± 0.16	pCi/L	TE
1	Curium-243/244	0.37 ± 0.28	pCi/L	TE
0	Curium-246	< 0.30	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 1.0	pCi/L	TE
0	Iodine-129	< 2.0	pCi/L	TE
0	Iodine-131	< 5.0	pCi/L	TE
1	Iron-55	780 ± 40	pCi/L	TE
0	Iron-59	< 9.0	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Neptunium-237	< 7.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Nonvolatile beta	< 1.0	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
1	Plutonium-242	0.078 ± 0.054	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	< 2.0	pCi/L	TE
0	Ruthenium-103	< 5.0	pCi/L	TE
0	Ruthenium-106	< 30	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	< 6.0	pCi/L	TE
0	Thorium-228	< 0.20	pCi/L	TE
1	Thorium-230	0.42 ± 0.23	pCi/L	TE
1	Thorium-232	0.32 ± 0.11	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	< 0.050	pCi/L	TE
0	Uranium-235	< 0.050	pCi/L	TE
0	Uranium-238	< 0.050	pCi/L	TE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 4.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 9:55
 pH: 5.7
 Alkalinity: 1 mg/L
 Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.8	pH	MT
0	Specific conductance	8.9	µS/cm	MT
0	Turbidity	0.27	NTU	MT
0	Turbidity	0.30	NTU	MT
1	Aluminum	85	µg/L	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
0	Arsenic	< 3.0	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 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	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	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	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 5.0	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	Dissolved organic carbon	< 1,000	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	< 20	µg/L	MT
0	Iron	102	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
0	Nitrate as nitrogen	< 310	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Sodium	< 10	µg/L	MT
1	Sulfate	10,400	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	10,500	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	16,000	µg/L	MT
0	Total dissolved solids	22,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/04/90, 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 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
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	5.5 ± 3.4	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: 04/05/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 8:35
 pH: 5.8
 Alkalinity: 1 mg/L
 Water temperature: 17.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	MT
0	pH	6.1	pH	MT
0	Specific conductance	2.3	µS/cm	MT
0	Specific conductance	2.3	µS/cm	MT
0	Turbidity	0.44	NTU	MT
0	Turbidity	0.46	NTU	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	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	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 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	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	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
1	Chromium	16	µg/L	MT
2	Chromium	76	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 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	Dissolved organic carbon	< 1,000	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT

WELL BLANK collected on 04/05/90, 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	117	µg/L	MT
2	Iron	309	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Manganese	6.1	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	33	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Sulfate	3,560	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	3,440	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	72,000	µg/L	MT
0	Total dissolved solids	74,000	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
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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 BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 9:30
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	pH	5.9	pH	MT
0	Specific conductance	0.97	µS/cm	MT
0	Specific conductance	0.96	µS/cm	MT
0	Turbidity	0.48	NTU	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<10	µg/L	MT
0	Barium	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<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	Cadmium	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	<40	µg/L	MT
0	Calcium	<40	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
2	Chromium	81	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<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	Dissolved organic carbon	<1,000	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	209	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Manganese	5.1	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	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	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	18	µg/L	MT
0	Sodium	19	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	2,440	µg/L	MT
0	Sulfide	2,600	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	2,000	µg/L	MT
0	Total dissolved solids	3,000	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
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<5.0	µg/L	MT

WELL BLANK collected on 04/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<10	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<5.0	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: 04/07/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 14:25
 pH: 5.6
 Alkalinity: 1 mg/L
 Water temperature: 27.5 C

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	<20	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Carbon-14	<20	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	<4.0	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	Gross alpha	<1.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<5.0	pCi/L	TE
0	Iron-55	<40	pCi/L	TE
0	Iron-59	<8.0	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<7.0	pCi/L	TE
0	Nickel-59	<90	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	3.4 ± 1.1	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.50	pCi/L	TE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<70	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Radium-228	<0.60	pCi/L	TE
0	Ruthenium-103	<5.0	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	Technetium-99	<8.0	pCi/L	TE
0	Thorium-228	<6.0	pCi/L	TE
0	Thorium-228	<0.10	pCi/L	TE
1	Thorium-230	0.43 ± 0.40	pCi/L	TE
1	Thorium-232	0.52 ± 0.25	pCi/L	TE
0	Tritium	<2.0	pCi/ml	TE
0	Uranium-234	<0.20	pCi/L	TE
0	Uranium-235	<0.20	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 9:10
 pH: 5.5
 Alkalinity: 1 mg/L
 Water temperature: 18.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	pH	5.3	pH	MT
0	pH	5.4	pH	GE
0	Specific conductance	1.3	µS/cm	MT
0	Specific conductance	1.3	µS/cm	MT
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.41	NTU	MT
0	Turbidity	0.43	NTU	MT
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	27	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	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	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	88	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chloroform	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT

WELL BLANK collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	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	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	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	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorone	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	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	lodeine	< 100	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	< 20	µg/L	MT
0	Iron	9.4	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Magnesium	5.2	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	0.26	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
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	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
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	< 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	MT
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	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	<2,140	µg/L	MT
0	Silica	480	µg/L	GE
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	12	µg/L	MT
0	Sodium	20	µg/L	MT
0	Sodium	230	µg/L	GE
0	Sulfate	4,520	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	4,800	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Tin	<1,000	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	33,000	µg/L	MT
0	Total dissolved solids	32,000	µg/L	MT
0	Total dissolved solids	37,000	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	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	10	µg/L	GE
1	Total organic halogens	10	µg/L	MT
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	<10	µg/L	MT
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
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	<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-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

WELL BLANK collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.000	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	pCl/L	MT
0	Gross alpha	<2.0	pCl/L	GE
0	Nonvolatile beta	<5.0	pCl/L	MT
0	Nonvolatile beta	<2.0	pCl/L	GE
0	Total radium	<1.0	pCl/L	MT
0	Total radium	<1.0	pCl/L	GE
0	Tritium	<1.0	pCl/mL	MT
0	Tritium	<1.0	pCl/mL	MT
0	Tritium	<0.70	pCl/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 17:45
 pH: 6.3
 Alkalinity: 1 mg/L
 Water temperature: 33.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	pH	5.8	pH	MT
0	Specific conductance	1.9	µS/cm	MT
0	Specific conductance	1.9	µS/cm	MT
0	Turbidity	0.050	NTU	MT
0	Turbidity	0.040	NTU	MT
0	Aluminum	<40	µg/L	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	<10	µg/L	MT
0	Barium	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromochloromethane	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	<40	µg/L	MT
0	Calcium	<40	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	<5.0	µg/L	MT
2	Chromium	29	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	6.0	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	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-BHC (gamma-hexachlorocyclohexane)	<0.0050	µg/L	MT
0	Iron	<20	µg/L	MT
1	Iron	191	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	<10	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	< 10	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
0	Nitrate as nitrogen	2,700	µg/L	MT
0	Nitrate as nitrogen	2,700	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 800	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	38	µg/L	MT
0	Sodium	< 10	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	4,880	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	9,000	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
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	pCi/ml	MT

WELL BLANK collected on 04/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 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	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	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
2	Chromium	140	µg/L	MT
2	Chromium	318	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 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	Dissolved organic carbon	< 1,000	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	513	µg/L	MT
2	Iron	999	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Manganese	12	µg/L	MT
1	Manganese	25	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	< 5.2	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	26	µg/L	MT
0	Sodium	33	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	7,440	µg/L	MT
0	Sulfide	7,240	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	23,000	µg/L	MT
0	Total dissolved solids	26,000	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	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	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 13:20
 pH: 5.7
 Alkalinity: 1 mg/L
 Water temperature: 28.8 C.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	Specific conductance	1.5	µS/cm	MT
0	Turbidity	0.11	NTU	MT
0	Turbidity	0.090	NTU	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/10/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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 BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 14:20
 pH: 5.5
 Alkalinity: 1 mg/L
 Water temperature: 28.9 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	pH	4.7	pH	MT
0	pH	5.8	pH	GE
0	Specific conductance	1.3	µS/cm	MT
0	Specific conductance	1.3	µS/cm	MT
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.13	NTU	MT
0	Turbidity	0.14	NTU	MT
0	Turbidity	0.40	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<40	µg/L	MT
0	Aluminum	21	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	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	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<40	µg/L	MT
0	Calcium	69	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<250	µg/L	MT
0	Chlordane	<250	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT

WELL BLANK collected on 04/11/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	0.1	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	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	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	2.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	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	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0050	µg/L	MT
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0050	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno 1,2,3-c,d pyrene	<10	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	36	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	3.7	µg/L	GE
0	Magnesium	<10	µg/L	MT
0	Magnesium	3.8	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
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	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
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	<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	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Potassium	<600	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	513	µg/L	GE
0	Silica	< 2,140	µg/L	MT
1	Silver	2.8	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	35	µg/L	MT
0	Sodium	231	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	3,640	µg/L	MT
0	Sulfide	3,600	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 1,000	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	MT
0	Total dissolved solids	20,000	µg/L	MT
0	Total dissolved solids	24,000	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	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 10	µg/L	MT
0	Zinc	3.4	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
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	< 5.0	µg/L	MT
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	< 0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
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

WELL BLANK collected on 04/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Amerlicium-241	< 0.30	pCi/L	TE
1	Amerlicium-243	0.27 ± 0.22	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 50	pCi/L	TE
0	Carbon-14	< 20	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	< 4.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.50	pCi/L	TE
0	Cu ²⁺ -248	< 0.20	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 0.70	pCi/L	TE
0	Iodine-129	< 2.0	pCi/L	TE
0	Iodine-131	< 60	pCi/L	TE
1	Iron-55	340 ± 30	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	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 9.0	pCi/L	TE
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	TE
0	Plutonium-238	< 0.070	pCi/L	TE
0	Plutonium-239/240	< 0.060	pCi/L	TE
1	Plutonium-242	0.10 ± 0.070	pCi/L	TE
1	Potassium-40	49 ± 20	pCi/L	TE
0	Radium-226	< 90	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-226	< 0.80	pCi/L	TE
0	Ruthenium-103	< 7.0	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
1	Strontium-90	2.7 ± 1.0	pCi/L	TE
0	Technetium-99	< 3.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
1	Thorium-228	4.3 ± 0.40	pCi/L	TE
1	Thorium-230	4.8 ± 0.40	pCi/L	TE
1	Thorium-232	0.34 ± 0.10	pCi/L	TE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 1.0	pCi/ml	MT
0	Tritium	< 1.0	pCi/ml	MT
0	Tritium	< 0.70	pCi/ml	GE
0	Tritium	< 2.0	pCi/ml	TE
0	Uranium-234	< 0.60	pCi/L	TE
0	Uranium-235	< 0.80	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

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 8:00
 pH: 5.8
 Alkalinity: 1 mg/L
 Water temperature: 15.0 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	MT
0	pH	6.5	pH	MT
0	Specific conductance	4.9	µS/cm	MT
0	Specific conductance	5.0	µS/cm	MT
0	Turbidity	0.57	NTU	MT
0	Turbidity	0.63	NTU	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<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	Cadmium	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	<40	µg/L	MT
0	Calcium	<40	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
1	Chromium	21	µg/L	MT
2	Chromium	27	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<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	Dissolved organic carbon	<1,000	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	77	µg/L	MT
0	Iron	93	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Manganese	<5.0	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	<5.2	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	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	48	µg/L	MT
0	Sodium	22	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	2,060	µg/L	MT
0	Sulfide	2,140	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	<1,000	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	15,000	µg/L	MT
0	Total dissolved solids	12,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	5.3	µg/L	MT
0	Total petroleum hydrocarbon	<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
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<10	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<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 BLANK collected on 04/14/90, 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	<0.48	µg/L	MT
0	2,4,6-TP (Silvex)	<0.070	µg/L	MT
0	Creos alpha	<2.0	pCi/L	MT
0	Creos 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	1.5 ± 0.40	pCi/L	MT
0	Trillium	<1.0	pCi/ml	MT
0	Trillium	<1.0	pCi/ml	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 11:05
 pH: 5.7
 Alkalinity: 1 mg/L
 Water temperature: 25.8 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	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	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	45	µg/L	GE
0	Chlordane	<10	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-1,3-Dichloropropene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	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	<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	Ethylbenzene	<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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Indeno 1,2,3-c,d pyrene	< 10	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	0.26	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	Nitrobenzene	< 10	µg/L	GE
1	Oil & grease	4,000	µg/L	GE
0	p,p'-DDT	< 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	penta-chlorophenol	< 10	µg/L	GE
0	Phenanthrene	< 10	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	456	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	124	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
1	Total hydrocarbons	4,000	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	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	< 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	< 45	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 BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 8:15
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.5	pH	MT
0	pH	8.4	pH	MT
0	pH	5.2	pH	GE
0	Specific conductance	1.3	µS/cm	MT
0	Specific conductance	1.3	µS/cm	MT
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.28	NTU	MT
0	Turbidity	0.27	NTU	MT
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 20	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	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	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	95	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
2	Chromium	55	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysenes	< 10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	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	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	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	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	indeno 1,2,3-c,d pyrene	<10	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<20	µg/L	MT
2	Iron	331	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	<10	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Magnesium	13	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	7.7	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
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
1	Nickel	9.4	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
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	<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 BLANK collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
1	Selenium	3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	<2,140	µg/L	MT
0	Silica	256	µg/L	GE
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	19	µg/L	MT
0	Sodium	21	µg/L	MT
0	Sodium	114	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	MT
0	Sulfide	<1,000	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Tin	<1,000	µg/L	MT
0	Tin	<1,000	µg/L	MT
1	Tin	3.4	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	1,000	µg/L	MT
0	Total dissolved solids	2,000	µg/L	MT
0	Total dissolved solids	11,000	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	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GF
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	17	µg/L	MT
0	Zinc	2.9	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
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	<5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90 Time: 7:30
 Depth to water: Not available pH: 6.1
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 17.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	pH	6.0	pH	MT
0	Specific conductance	1.0	µS/cm	MT
0	Specific conductance	1.0	µS/cm	MT
0	Turbidity	0.090	NTU	MT
0	Turbidity	0.070	NTU	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 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	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	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
2	Chromium	48	µg/L	MT
2	Chromium	64	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 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	Dissolved organic carbon	< 1,000	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	211	µg/L	MT
1	Iron	272	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Magnesium	42	µg/L	MT
0	Manganese	6.8	µg/L	MT
0	Manganese	8.3	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	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	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	23	µg/L	MT
0	Sodium	17	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	1,820	µg/L	MT
0	Sulfide	1,940	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT

WELL BLANK collected on 04/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	2,000	µg/L	MT
0	Total dissolved solids	3,000	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	< 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
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	< 1.0	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: 04/21/90 Time: 17:50
 Depth to water: Not available pH: 6.2
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 32.0 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	GE
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	27	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	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	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	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	< 10	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbonate	< 1,000	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-1,3-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	< 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	< 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 sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno 1,2,3-c,d pyrene	< 10	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	8.2	µg/L	GE
0	Magnesium	14	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GF
0	N-Nitrosodi-propylamine	< 10	µg/L	GF
0	N-Nitrosodimethylamine	< 10	µg/L	GF
0	N-Nitrosodiphenylamine	< 10	µg/L	GF
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	< 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	< 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	403	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	75	µg/L	GE
0	Sulfate	< 1,000	µg/L	GF
0	Sulfide	< 1,000	µg/L	GF
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	10,000	µg/L	GE
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE

WELL BLANK collected on 04/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 10	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	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	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	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	< 45	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	1.8 ± 2.1	pCi/L	GE
0	Trilium	< 0.70	pCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 8:10
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.0 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
0	pH	4.5	pH	MT
0	Specific conductance	19	µS/cm	MT
0	Specific conductance	20	µS/cm	MT
0	Turbidity	0.26	NTU	MT
0	Turbidity	0.24	NTU	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 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	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<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	Dissolved organic carbon	<1,000	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	<20	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Manganese	<5.0	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	<5.2	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	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	56	µg/L	MT
0	Sodium	52	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	2,140	µg/L	MT
0	Sulfide	2,080	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	<1,000	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	14,000	µg/L	MT
0	Total dissolved solids	12,000	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	<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
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<10	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 ± 0.17	pCi/L	TE
0	Barium-140	<40	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Carbon-14	<20	pCi/L	TE
0	Cerium-141	<10	pCi/L	TE
0	Cerium-144	<20	pCi/L	TE

WELL BLANK collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<0.30	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
1	Curium-246	0.81 ± 0.21	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<0.80	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<200	pCi/L	TE
0	Iron-55	<5.0	pCi/L	TE
0	Iron-59	<8.0	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<6.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<1.0	pCi/L	TE
0	Plutonium-238	<2.0	pCi/L	TE
0	Plutonium-239/240	<1.0	pCi/L	TE
0	Plutonium-242	<1.0	pCi/L	TE
0	Potassium-40	<40	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<60	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<6.0	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	Technetium-99	<4.0	pCi/L	TE
1	Thorium-228	17 ± 2.0	pCi/L	TE
0	Thorium-228	<5.0	pCi/L	TE
1	Thorium-230	14 ± 2.0	pCi/L	TE
1	Thorium-232	1.4 ± 0.50	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	2.4 ± 0.60	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Zinc-65	<6.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm
 Time: 9:20
 pH: 6.5
 Alkalinity: 1 mg/L
 Water temperature: 23.4 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.5	pH	MT
1	pH	3.5	pH	MT
0	pH	5.5	pH	MT
0	pH	5.5	pH	MT
1	pH	6.6	pH	GE
1	Specific conductance	146	µS/cm	MT
1	Specific conductance	146	µS/cm	MT
0	Specific conductance	1.7	µS/cm	MT
0	Specific conductance	1.7	µS/cm	MT
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.16	NTU	MT
0	Turbidity	0.15	NTU	MT
0	Turbidity	0.53	NTU	MT
0	Turbidity	0.49	NTU	MT
0	Turbidity	0.30	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<40	µg/L	MT
0	Aluminum	<40	µg/L	MT
0	Aluminum	<40	µg/L	MT
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	<10	µg/L	MT
0	Barium	<10	µg/L	MT
0	Barium	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<40	µg/L	MT
0	Calcium	<40	µg/L	MT
0	Calcium	<40	µg/L	MT
0	Calcium	<40	µg/L	MT
0	Calcium	66	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	4.2	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	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

WELL BLANK collected on 04/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	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	MT
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<10	µg/L	GE
2	Endrin	0.18	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<10	µg/L	GE
1	gamma-Benzene hexachloride (Lindane)	0.038	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	Iodene 1,2,3-c,d pyrene	<10	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	<20	µg/L	MT
0	Iron	<20	µg/L	MT
0	Iron	23	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	4.8	µg/L	GE
0	Magnesium	<10	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Magnesium	4.5	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
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	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
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	<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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenanthrene	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 600	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silica	391	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	58	µg/L	MT
0	Sodium	46	µg/L	MT
0	Sodium	65	µg/L	MT
0	Sodium	84	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	2,040	µg/L	MT
0	Sulfide	2,100	µg/L	MT
0	Sulfide	2,800	µg/L	MT
0	Sulfide	2,880	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	9,000	µg/L	MT
0	Total dissolved solids	10,000	µg/L	MT
0	Total dissolved solids	15,000	µg/L	MT
0	Total dissolved solids	16,000	µg/L	MT
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	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	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 0.24	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-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE

WELL BLANK collected on 04/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 10	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	5.3	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	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-Trichloroethane	< 1.0	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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-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	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
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	< 0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	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	2,4,5-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	Americium-241	< 0.20	pCi/L	TE
1	Americium-241	0.59 ± 0.32	pCi/L	TE
0	Americium-241	< 0.50	pCi/L	TE
1	Americium-243	0.32 ± 0.30	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
1	Americium-243	0.72 ± 0.67	pCi/L	TE
0	Barium-140	< 80	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Barium-140	< 70	pCi/L	TE
0	Beryllium-7	< 50	pCi/L	TE
0	Beryllium-7	< 50	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
0	Carbon-14	< 10	pCi/L	TE
0	Carbon-14	< 10	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	< 10	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-144	< 20	pCi/L	TE
0	Cerium-144	< 20	pCi/L	TE
0	Cerium-144	< 20	pCi/L	TE
0	Cerium-134	< 3.0	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	Cesium-137	< 3.0	pCi/L	TE
0	Cobalt-58	< 5.0	pCi/L	TE
0	Cobalt-58	< 5.0	pCi/L	TE
0	Cobalt-58	< 4.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cobalt-60	< 3.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Curium-242	< 0.10	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.40	pCi/L	TE
0	Curium-243/244	< 0.30	pCi/L	TE
1	Curium-246	0.54 ± 0.35	pCi/L	TE
1	Curium-246	0.43 ± 0.31	pCi/L	TE
1	Curium-246	4.4 ± 1.0	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	TE
0	Gross alpha	< 1.0	pCi/L	TE
0	Iodine-129	< 4.0	pCi/L	TE
0	Iodine-129	< 4.0	pCi/L	TE
0	Iodine-129	< 2.0	pCi/L	TE
0	Iodine-131	< 500	pCi/L	TE
0	Iodine-131	< 500	pCi/L	TE
0	Iodine-131	< 500	pCi/L	TE
0	Iron-55	< 40	pCi/L	TE
0	Iron-55	< 40	pCi/L	TE
0	Iron-55	< 50	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 3.0	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	Neptunium-237	< 5.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 3.0	pCi/L	TE
0	Nonvolatile beta	< 3.0	pCi/L	TE
0	Nonvolatile beta	< 2.0	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-238	< 0.080	pCi/L	TE
1	Plutonium-238	2.5 ± 0.80	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
0	Plutonium-239/240	< 0.050	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
0	Plutonium-242	< 0.080	pCi/L	TE
1	Plutonium-242	0.61 ± 0.57	pCi/L	TE
0	Plutonium-242	< 0.070	pCi/L	TE
0	Potassium-40	< 50	pCi/L	TE
0	Potassium-40	< 60	pCi/L	TE
0	Potassium-40	< 70	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-226	< 60	pCi/L	TE
0	Radium-226	< 50	pCi/L	TE
0	Radium-226	< 40	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	Radium-228	< 2.0	pCi/L	TE
0	Radium-228	< 2.0	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-103	< 7.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Ruthenium-106	< 20	pCi/L	TE
0	Strontium-89	< 4.0	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	< 5.0	pCi/L	TE
0	Strontium-90	< 4.0	pCi/L	TE
0	Strontium-90	< 4.0	pCi/L	TE
0	Technetium-99	< 4.0	pCi/L	TE
0	Technetium-99	< 8.0	pCi/L	TE
0	Technetium-99	< 4.0	pCi/L	TE
1	Thorium-228	100 ± 10	pCi/L	TE
0	Thorium-228	< 5.0	pCi/L	TE
0	Thorium-228	< 5.0	pCi/L	TE
0	Thorium-228	< 4.0	pCi/L	TE
1	Thorium-228	91 ± 4.0	pCi/L	TE
0	Thorium-228	< 4.0	pCi/L	TE

WELL BLANK collected on 04/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Thorium-230	< 0.30	pCi/L	TE
1	Thorium-230	1.8 ± 0.70	pCi/L	TE
0	Thorium-230	< 1.0	pCi/L	TE
1	Thorium-232	0.43 ± 0.33	pCi/L	TE
1	Thorium-232	1.1 ± 0.50	pCi/L	TE
0	Thorium-232	< 1.0	pCi/L	TE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	1.0 ± 0.30	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	1.1 ± 1.9	pCi/L	GE
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 2.0	pCi/mL	TE
0	Tritium	< 2.0	pCi/mL	TE
0	Tritium	< 2.0	pCi/mL	TE
0	Uranium-234	< 1.0	pCi/L	TE
0	Uranium-234	< 0.90	pCi/L	TE
0	Uranium-234	< 0.80	pCi/L	TE
0	Uranium-235	< 0.70	pCi/L	TE
1	Uranium-235	0.92 ± 0.84	pCi/L	TE
0	Uranium-235	< 0.40	pCi/L	TE
0	Uranium-238	< 0.70	pCi/L	TE
0	Uranium-238	< 1.0	pCi/L	TE
0	Uranium-238	< 0.40	pCi/L	TE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90
 Depth to water: Not available
 Water elevation: Not available
 Sp conductance: 1 µS/cm

Time: 18:10
 pH: 6.1
 Alkalinity: 1 mg/L
 Water temperature: 36.4 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.6	pH	MT
1	pH	6.6	pH	MT
1	Specific conductance	219	µS/cm	MT
1	Specific conductance	219	µS/cm	MT
0	Turbidity	0.14	NTU	MT
0	Turbidity	0.16	NTU	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 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	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Calcium	41	µg/L	MT
0	Calcium	50	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	< 5.0	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 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	Dissolved organic carbon	< 1.000	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	79	µg/L	MT
0	Iron	42	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	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	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	93	µg/L	MT
0	Sodium	32	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	5,540	µg/L	MT
0	Sulfide	5,620	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	27,000	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	< 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
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	< 2.0	pCi/L	TE
0	Americium-243	< 2.0	pCi/L	TE
0	Barium-140	< 60	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
0	Carbon-14	< 10	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-144	< 10	pCi/L	TE
0	Cesium-134	< 3.0	pCi/L	TE
0	Cesium-137	< 2.0	pCi/L	TE
0	Cobalt-58	< 4.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Curium-242	< 0.10	pCi/L	TE
0	Curium-243/244	< 0.30	pCi/L	TE
0	Curium-246	< 1.0	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	TE
0	Gross alpha	0.89 ± 0.63	pCi/L	TE
0	Iodine-129	< 1.0	pCi/L	TE
0	Iodine-131	< 500	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	< 4.0	pCi/L	TE
1	Nickel-59	240 ± 110	pCi/L	TE

WELL BLANK collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	1.5 ± 1.0	pCi/L	TE
0	Plutonium-238	< 3.0	pCi/L	TE
0	Plutonium-239/240	< 2.0	pCi/L	TE
0	Plutonium-242	< 2.0	pCi/L	TE
0	Potassium-40	< 70	pCi/L	TE
0	Radium-226	< 40	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Radium-228	< 2.0	pCi/L	TE
0	Ruthenium-103	< 6.0	pCi/L	TE
0	Ruthenium-106	< 20	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 0.90	pCi/L	TE
0	Technetium-99	< 4.0	pCi/L	TE
1	Thorium-228	98 ± 3.0	pCi/L	TE
0	Thorium-228	< 4.0	pCi/L	TE
1	Thorium-230	21 ± 1.0	pCi/L	TE
1	Thorium-232	1.8 ± 0.40	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	< 2.0	pCi/mL	TE
1	Uranium-234	1.4 ± 0.60	pCi/L	TE
0	Uranium-235	< 0.000	pCi/L	TE
0	Uranium-238	< 0.10	pCi/L	TE
0	Zinc-65	< 6.0	pCi/L	TE
0	Zirconium-95	< 4.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 04/28/90 Time: 16:20
 Depth to water: Not available pH: 5.2
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 24.3 C.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	pH	5.7	pH	MT
0	Specific conductance	1.5	µS/cm	MT
0	Specific conductance	1.5	µS/cm	MT
0	Turbidity	0.41	NTU	MT
0	Turbidity	0.43	NTU	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 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	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	43	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
2	Chromium	43	µg/L	MT
2	Chromium	33	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 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	Dissolved organic carbon	< 1,000	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	587	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Iron	208	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Manganese	7.9	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	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	45	µg/L	MT
0	Sodium	83	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	2,060	µg/L	MT
0	Sulfide	2,100	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	7,000	µg/L	MT
0	Total dissolved solids	5,000	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	<2,000	µg/L	MT
0	Total phosphates	<10	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	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	11	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	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
0	Tritium	<1.0	pCi/ml	MT
0	Tritium	<1.0	pCi/ml	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 04/29/90 Time: 8:50
 Depth to water: Not available pH: 5.4
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 21.1 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE

WELL BLANK collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Aldrin	<10	µg/L	GE
0	alpha-Benzo hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
1	Aluminum	101	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	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzo 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	11	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoforn	<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	38	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbonate	<1,000	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-1,3-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-Benzo 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	<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 sulfate	<10	µg/L	GE
0	Endrin	<0.0000	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorone	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzo hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzo 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	Iodine	<100	µg/L	GE
0	Iron	23	µg/L	GE
0	Isochlorone	<10	µg/L	GE
0	Lead	3.4	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	1,000	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/20/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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 1280	< 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	1,930	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	923	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 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	4,000	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	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	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	42	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	< 45	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	Uranium	< 0.70	pCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample data: 04/30/00
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 14:20
 pH: 8.0
 Alkalinity: 1 mg/L
 Water temperature: 38.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	MT
1	pH	7.5	pH	MT
0	pH	8.0	pH	GE
0	Specific conductance	2.3	µS/cm	MT
0	Specific conductance	2.3	µS/cm	MT
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.18	NTU	MT
0	Turbidity	0.18	NTU	MT
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	84	µg/L	MT
0	Aluminum	< 20	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
1	Barium	57	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo(a)anthracene	< 10	µg/L	GE
0	Benzo(a)pyrene	< 10	µg/L	GE
0	Benzo(b)fluoranthene	< 10	µg/L	GE
0	Benzo(g,h,i)perylene	< 10	µg/L	GE
0	Benzo(k)fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	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	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
1	Cadmium	3.8	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	24,700	µg/L	MT
0	Calcium	27	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/30/90, 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	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	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	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorone	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (lindane)	< 0.0050	µg/L	MT
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	Iodine	< 100	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	6.3	µg/L	GE
0	Magnesium	3,320	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	21	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
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	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
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	< 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	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	2,140	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
1	Silica	10,900	µg/L	MT
0	Silica	188	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
1	Sodium	11,400	µg/L	MT
0	Sodium	48	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE

WELL BLANK collected on 04/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfide	3,360	µg/L	MT
0	Sulfide	3,400	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 1,000	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	MT
0	Total dissolved solids	17,000	µg/L	MT
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	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	25	µg/L	MT
0	Zinc	4.8	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
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	< 5.0	µg/L	MT
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	< 0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 5	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
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	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 1.0	pCi/ml	MT
0	Tritium	< 0.70	pCi/ml	GE

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 15:25
 pH: 5.8
 Alkalinity: 1 mg/L
 Water temperature: 39.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-24	0.28 ± 0.19	pCi/L	TE
1	Americium-241	0.43 ± 0.22	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
1	Americium-243	0.28 ± 0.21	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Barium-140	< 200	pCi/L	TE
0	Beryllium-7	< 60	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	< 20	pCi/L	TE
0	Cerium-141	< 20	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	< 4.0	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	< 5.0	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	< 0.50	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Gross alpha	< 1.0	pCi/L	TE
0	Gross alpha	2.8 ± 1.6	pCi/L	TE
0	Iodine-129	< 3.0	pCi/L	TE
1	Iodine-129	8.0 ± 2.3	pCi/L	TE
0	Iodine-131	< 800	pCi/L	TE
0	Iodine-131	< 800	pCi/L	TE
0	Iron-55	< 40	pCi/L	TE
0	Iron-55	< 50	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
1	Manganese-54	4.5 ± 1.8	pCi/L	TE
0	Neptunium-237	< 7.0	pCi/L	TE
0	Neptunium-237	< 7.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-59	< 80	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	< 3.0	pCi/L	TE
0	Nonvolatile beta	4.3 ± 2.0	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-238	< 0.080	pCi/L	TE
0	Plutonium-239/240	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
0	Plutonium-242	< 0.20	pCi/L	TE
0	Plutonium-242	< 0.20	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Potassium-40	< 70	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
0	Radium-226	< 60	pCi/L	TE
0	Radium-226	< 0.70	pCi/L	TE
0	Radium-226	< 0.50	pCi/L	TE
0	Radium-228	< 1.0	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	< 30	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Strontium-89	< 5.0	pCi/L	TE
0	Strontium-89	< 6.0	pCi/L	TE
1	Strontium-90	3.3 ± 1.2	pCi/L	TE
1	Strontium-90	15 ± 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	< 8.0	pCi/L	TE
1	Thorium-228	6.9 ± 1.8	pCi/L	TE
1	Thorium-228	7.7 ± 2.0	pCi/L	TE
1	Thorium-230	1.1 ± 0.90	pCi/L	TE
1	Thorium-230	1.9 ± 1.1	pCi/L	TE
0	Thorium-232	< 0.20	pCi/L	TE

WELL BLANK collected on 05/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Thorium-232	< 0.60	pCi/L	TE
0	Tritium	< 2.0	pCi/mL	TE
0	Tritium	< 2.0	pCi/mL	TE
0	Uranium-234	< 0.40	pCi/L	TE
1	Uranium-234	0.84 ± 0.54	pCi/L	TE
0	Uranium-235	< 0.20	pCi/L	TE
0	Uranium-235	< 0.10	pCi/L	TE
0	Uranium-238	< 0.40	pCi/L	TE
0	Uranium-238	< 0.20	pCi/L	TE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zinc-65	< 9.0	pCi/L	TE
0	Zirconium-95	< 0.0	pCi/L	TE
0	Zirconium-95	< 6.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 10:35
 pH: 5.7
 Alkalinity: 1 mg/L
 Water temperature: 32.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
0	pH	6.3	pH	MT
0	Specific conductance	2.6	µS/cm	MT
0	Specific conductance	2.4	µS/cm	MT
0	Turbidity	1.2	NTU	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	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	< 3.0	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromofrom	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Calcium	< 40	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	8.8	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	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (lindane)	< 0.0050	µg/L	MT
0	Iron	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Manganese	< 5.0	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	< 5.2	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	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	30	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	4,520	µg/L	MT
0	Sulfide	4,540	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tin	<1,000	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	44,000	µg/L	MT
0	Total dissolved solids	49,000	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	<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
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	0.52 ± 0.34	pCi/L	TE
0	Americium-243	<0.30	pCi/L	TE
0	Barium-140	<70	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<10	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	<4.0	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
0	Curium-246	<0.30	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	<400	pCi/L	TE
0	Iron-55	<40	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<4.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	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
0	Plutonium-238	<0.50	pCi/L	TE
0	Plutonium-239/240	<0.40	pCi/L	TE
0	Plutonium-242	<0.80	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	<2.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
1	Strontium-90	6.9 ± 1.2	pCi/L	TE
0	Technetium-99	<5.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
0	Thorium-228	<0.90	pCi/L	TE
0	Thorium-230	<0.30	pCi/L	TE
1	Thorium-232	0.48 ± 0.41	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	0.17 ± 0.13	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
1	Uranium-238	0.28 ± 0.14	pCi/L	TE
0	Zinc-65	<6.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 9:00
 pH: 5.9
 Alkalinity: 1 mg/L
 Water temperature: 24.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	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	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	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	49	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbonate	<1,000	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-1,3-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	<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	<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 sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	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	Iodine	<100	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	< 4.0	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	6.1	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	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	< 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	< 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	444	µg/L	GE
2	Silver	26	µg/L	GE
0	Sodium	34	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 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	12,000	µg/L	GE
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GF
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	< 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	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GF
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	GF
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	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GF
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

WELL BLANK collected on 05/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total radium	1.5 ± 2.1	pCi/L	GE
0	Tritium	< 0.70	pCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 18:40
 pH: 6.1
 Alkalinity: 1 mg/L
 Water temperature: 23.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	pH	5.2	pH	MT
0	pH	5.5	pH	GE
1	Specific conductance	118	µS/cm	MT
1	Specific conductance	118	µS/cm	MT
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.21	NTU	MT
0	Turbidity	0.23	NTU	MT
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	28	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GF
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GF
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	beta-Endosulfan	< 10	µg/L	GF
0	Bis(chloromethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy)methane	< 10	µg/L	GF
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GF
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GF
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GF
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GF
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GF
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	57	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GF
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT

QUALITY CONTROL SAMPLES

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

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
1	Chromium	6.5	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	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	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	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	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno 1,2,3-c,d pyrene	< 10	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	32	µg/L	MT
0	Iron	37	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	9.8	µg/L	GE
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
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	< 5.2	µg/L	MT
1	Nickel	9.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
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	< 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

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

Flag	Analyte	Result	Unit	Lab
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 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	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 600	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	817	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	45	µg/L	MT
0	Sodium	30	µg/L	MT
0	Sodium	85	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	2,860	µg/L	MT
0	Sulfide	2,860	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	MT
0	Total dissolved solids	59,000	µg/L	MT
0	Total dissolved solids	8,000	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	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 10	µg/L	MT
0	Zinc	14	µg/L	MT
0	Zinc	5.8	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/05/90, 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	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
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	< 0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
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	MT
0	Gross alpha	< 2.0	pCi/l	GE
0	Nonvolatile beta	< 5.0	pCi/l	MT
0	Nonvolatile beta	< 2.0	pCi/l	GE
0	Total radium	< 1.0	pCi/l	MT
0	Total radium	< 1.0	pCi/l	GE
0	Tritium	< 1.0	pCi/ml	MT
0	Tritium	< 0.70	pCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 8:00
 pH: 6.0
 Alkalinity: 1 mg/l
 Water temperature: 20.1 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	MT
0	pH	6.2	pH	MT
2	pH	9.9	pH	GE
0	Specific conductance	5.0	µS/cm	MT
0	Specific conductance	5.0	µS/cm	MT
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.080	NTU	MT
0	Turbidity	0.070	NTU	MT
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	24	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	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 05/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoforn	< 5.0	µg/L	MT
0	Bromoforn	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	81	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	46	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	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	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0050	µg/L	MT
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0050	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (lindane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (lindane)	< 0.0050	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno 1,2,3-c,d pyrene	< 10	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	< 20	µg/L	MT
0	Iron	7.6	µg/L	GE
0	Isophotone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/09/90, laboratory analyses (continued)

WELL BLANK collected on 05/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	< 3.0	µg/L	GE
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Magnesium	3.4	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
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	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
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	< 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	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 800	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	601	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	63	µg/L	MT
0	Sodium	68	µg/L	MT
0	Sodium	154	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	3,180	µg/L	MT
0	Sulfide	3,240	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	14,000	µg/L	MT
0	Total dissolved solids	18,000	µg/L	MT
0	Total dissolved solids	27,000	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	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
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	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	13	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 10	µg/L	GE

Flag	Analyte	Result	Unit	Lab
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	18	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	6.6	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
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	< 5.0	µg/L	MT
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	< 0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
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	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
0	Carbon-14	< 10	pCi/L	TE
0	Cerium-141	< 4.0	pCi/L	TE
0	Cerium-144	< 5.0	pCi/L	TE
0	Cesium-134	< 1.0	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	Cunium-242	< 0.20	pCi/L	TE
0	Cunium-243/244	< 0.50	pCi/L	TE
0	Cunium-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	< 2.0	pCi/L	GE
0	Gross alpha	1.7 ± 0.90	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	< 6.0	pCi/L	TE
0	Manganese-54	< 1.0	pCi/L	TE
0	Neptunium-237	< 2.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
1	Nonvolatile beta	14.3 ± 2.0	pCi/L	TE
0	Plutonium-238	< 0.080	pCi/L	TE
0	Plutonium-239/240	< 0.10	pCi/L	TE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<20	pCi/L	TE
0	Radium-226	<20	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Radium-228	<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	<1.0	pCi/L	TE
0	Technetium-99	<7.0	pCi/L	TE
0	Thorium-228	<2.0	pCi/L	TE
1	Thorium-228	0.036 ± 0.027	pCi/L	TE
0	Thorium-230	<0.010	pCi/L	TE
0	Thorium-232	<0.010	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<1.0	pCi/ml	MT
0	Tritium	<0.70	pCi/ml	GE
0	Tritium	<2.0	pCi/ml	TE
1	Uranium-234	4.9 ± 2.1	pCi/L	TE
0	Uranium-235	<0.90	pCi/L	TE
0	Uranium-238	<1.0	pCi/L	TE
0	Zinc-65	<3.0	pCi/L	TE
0	Zirconium-95	<2.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 9:50
pH: 5.9
Alkalinity: 1 mg/L
Water temperature: 25.4 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	pH	5.1	pH	MT
0	Specific conductance	62	µS/cm	MT
0	Specific conductance	63	µS/cm	MT
0	Turbidity	0.63	NTU	MT
0	Turbidity	0.62	NTU	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	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	<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	Cadmium	<3.0	µg/L	MT
0	Calcium	<40	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	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	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 3.0	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	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silver	<2.0	µg/L	MT

WELL BLANK collected on 05/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sodium	51	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfide	3,480	µg/L	MT
0	Sulfide	3,560	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	12,000	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	<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
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/ml	MT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 9:05
pH: 6.2
Alkalinity: 1 mg/L
Water temperature: 17.5 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	MT
0	pH	6.4	pH	MT
0	pH	5.8	pH	GE
0	Specific conductance	4.4	µS/cm	MT
0	Specific conductance	4.4	µS/cm	MT
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.30	NTU	MT
0	Turbidity	0.33	NTU	MT
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<40	µg/L	MT
0	Aluminum	<40	µg/L	MT
0	Aluminum	30	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	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	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	59	µg/L	MT
0	Calcium	<40	µg/L	MT
0	Calcium	20	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	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	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	B 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	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	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (lindane)	<0.0050	µg/L	MT
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	Iodine	<100	µg/L	GE

WELL BLANK collected on 05/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	<20	µg/L	MT
0	Iron	<20	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	<10	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
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	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
1	Oil & grease	1,000	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	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Potassium	<600	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silica	602	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	74	µg/L	MT
0	Sodium	103	µg/L	MT
0	Sodium	79	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	3,640	µg/L	MT
0	Sulfide	3,720	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
1	Tetrachloroethylene	J 4.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Tin	<1,000	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	9,000	µg/L	MT
0	Total dissolved solids	10,000	µg/L	MT
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	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	Uranium
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 10	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	< 2.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
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	< 5.0	µg/L	MT
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	< 0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
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	GF
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	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
0	Carbon-14	< 10	pCi/L	TE
0	Cerium-141	< 4.0	pCi/L	TE
0	Cerium-144	< 6.0	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	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.50	pCi/L	TE
1	Curium-246	0.23 ± 0.16	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 1.0	pCi/L	TE
0	Iodine-129	< 3.0	pCi/L	TE
0	Iodine-131	< 100	pCi/L	TE
1	Iron-55	50 ± 30	pCi/L	TE
0	Iron-59	< 7.0	pCi/L	TE
0	Manganese-54	< 2.0	pCi/L	TE
0	Neptunium-237	< 2.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	< 5.0	pCi/L	MT

WELL BLANK collected on 05/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	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	< 20	pCi/L	TE
0	Radium-226	< 20	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-108	< 10	pCi/L	TE
1	Strontium-89	5.0 ± 2.0	pCi/L	TE
0	Strontium-90	< 2.0	pCi/L	TE
0	Technetium-99	< 6.0	pCi/L	TE
0	Thorium-228	< 2.0	pCi/L	TE
0	Thorium-228	< 0.20	pCi/L	TE
1	Thorium-230	1.1 ± 0.40	pCi/L	TE
0	Thorium-232	< 0.10	pCi/L	TE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 0.70	pCi/mL	GE
0	Tritium	< 2.0	pCi/mL	TE
1	Uranium-234	13 ± 4.0	pCi/L	TE
1	Uranium-235	2.4 ± 1.5	pCi/L	TE
1	Uranium-238	7.2 ± 2.5	pCi/L	TE
0	Zinc-65	< 4.0	pCi/L	TE
0	Zirconium-95	< 3.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm
 Time: 8:25
 pH: 6.2
 Alkalinity: 1 mg/L
 Water temperature: 20.5 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
1	pH	6.8	pH	MT
0	pH	5.8	pH	GE
0	Specific conductance	3.5	µS/cm	MT
0	Specific conductance	3.4	µS/cm	MT
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.33	NTU	MT
0	Turbidity	0.30	NTU	MT
0	Turbidity	0.30	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 40	µg/L	MT
0	Aluminum	69	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	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	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL: BLANK collected on 05/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 40	µg/L	MT
0	Calcium	73	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	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	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	1.0	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	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (lindane)	< 0.0050	µg/L	MT
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	Iodine	< 100	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	9.0	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 15	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	< 10	µg/L	MT
0	Magnesium	3.5	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	0.21	µg/L	MT
0	Mercury	0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
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	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE

WELL BLANK collected on 05/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
1	Oil & grease	1,000	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	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 800	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silica	875	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	59	µg/L	MT
0	Sodium	95	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	2,620	µg/L	MT
0	Sulfide	2,720	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 1,000	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	MT
0	Total dissolved solids	27,000	µg/L	MT
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	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 10	µg/L	MT
0	Zinc	6.3	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	< 5.0	µg/L	MT
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	< 0.40	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
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	< 3.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 1.0	pCi/ml	MT
0	Tritium	< 0.70	pCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90
 Depth to water: Not available
 Water elevation: Not available
 Sp conductivity: 1 µS/cm

Time: 10:05
 pH: 6.7
 Alkalinity: 1 mg/L
 Water temperature: 28.2 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.10	NTU	GF
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	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	Ben-zidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	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	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	< 10	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	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

WELL BLANK collected on 05/15/90, 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	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	< 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	< 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 sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	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	Iodine	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	11	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	1,000	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	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	229	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	30	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 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	28,000	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	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/17/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	<20	µg/L	MT
0	Iron	27	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	8.8	µg/L	GE
0	Magnesium	<10	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
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	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<400	µg/L	MT
0	Nitrate as nitrogen	<10.0	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
1	Oil & grease	1,000	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	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	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Potassium	<600	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	<2,140	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silica	154	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	43	µg/L	MT
0	Sodium	38	µg/L	MT
0	Sodium	39	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	2,940	µg/L	MT
0	Sulfide	3,020	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<3.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Tin	<1,000	µg/L	MT
0	Tin	<1,000	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	12,000	µg/L	MT
0	Total dissolved solids	10,000	µg/L	MT
0	Total dissolved solids	4,000	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	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
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	GE

WELL BLANK collected on 05/17/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	<10	µg/L	MT
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
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	<5.0	µg/L	MT
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	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrophenol	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,6-Trinitrophenol	<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	Cross alpha	<2.0	µS/cm	MT
0	Cross alpha	<2.0	µS/cm	GE
0	Nonvolatile beta	<5.0	µS/cm	MT
0	Nonvolatile beta	<2.0	µS/cm	GE
0	Total turbidum	<1.0	µS/cm	MT
0	Total turbidum	<1.0	µS/cm	MT
0	Tritium	<1.0	µS/cm	MT
0	Tritium	<1.0	µS/cm	MT
0	Tritium	<0.70	µS/cm	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/00
 Time: 15:40
 Depth to water: Not available
 pH: 5.8
 Water circulation: Not available
 Alkalinity: 1 meq/L
 Sp. conductance: 1 µS/cm
 Water temperature: 30.6 C.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.20	NTU	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/20/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	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	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	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	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	51	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	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-1,3-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	< 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	< 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 sulfate	< 10	µg/L	GE
0	Endrin	< 0.0050	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (lindane)	< 10	µg/L	GE
0	Hepachlor	< 10	µg/L	GE
0	Hepachlor 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
2	Lead	40	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

WELL BLANK collected on 05/20/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	< 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 1018	< 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	246	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	71	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 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	28,000	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	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethane	< 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	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	< 45	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

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 16:05
 pH: 7.1
 Alkalinity: 1 mg/L
 Water temperature: 34.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.7	pH	MT
2	pH	8.7	pH	MT
0	pH	5.9	pH	GE
0	Specific conductance	3.0	µS/cm	MT
0	Specific conductance	3.0	µS/cm	MT
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.23	NTU	MT
0	Turbidity	0.25	NTU	MT
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzone hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	78	µg/L	MT
0	Aluminum	< 20	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzone 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	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 40	µg/L	MT
0	Calcium	57	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT

WELL BLANK collected on 05/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzone 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	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	8.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	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	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzone hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzone hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzone 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	Iodine	< 100	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	3.1	µg/L	GE
0	Magnesium	25	µg/L	MT
0	Magnesium	2.2	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	N-Nitrosodl-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	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
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	< 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	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 600	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silica	391	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	171	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sodium	64	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	2,680	µg/L	MT
0	Sulfide	2,680	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<3.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Tin	<1,000	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	13,000	µg/L	MT
0	Total dissolved solids	16,000	µg/L	MT
0	Total dissolved solids	18,000	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	MT
0	Total organic carbon	<1,000	µg/L	GE
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	GE
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
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	<5.0	µg/L	MT
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	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
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	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT

WELL BLANK collected on 05/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<0.70	pCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 2 µS/cm

Time: 17:35
 pH: 8.6
 Alkalinity: 1 mg/L
 Water temperature: 39.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.30	pCi/L	TE
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<50	pCi/L	TE
0	Barium-140	<40	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
1	Cerium-141	15±8.2	pCi/L	TE
0	Cerium-141	<8.0	pCi/L	TE
0	Cerium-144	<20	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<4.0	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	<5.0	pCi/L	TE
0	Cobalt-58	<4.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
1	Curium-242	0.31±0.18	pCi/L	TE
1	Curium-242	0.22±0.16	pCi/L	TE
0	Curium-243/244	<0.10	pCi/L	TE
0	Curium-243/244	<0.10	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
1	Curium-246	0.45±0.39	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	<200	pCi/L	TE
0	Iodine-131	<100	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	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	<100	pCi/L	TE
1	Nickel-63	11±6.0	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	<3.0	pCi/L	TE
0	Nonvolatile beta	<3.0	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.090	pCi/L	TE
0	Plutonium-242	<0.40	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<50	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	<2.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-103	<5.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Ruthenium-106	<30	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	<2.0	pCi/L	TE
0	Technetium-99	<3.0	pCi/L	TE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Technetium-99	<6.0	pCi/L	TE
0	Thorium-228	<5.0	pCi/L	TE
0	Thorium-228	<5.0	pCi/L	TE
0	Thorium-228	<0.20	pCi/L	TE
0	Thorium-228	<0.20	pCi/L	TE
0	Thorium-230	<0.090	pCi/L	TE
0	Thorium-230	<0.10	pCi/L	TE
0	Thorium-232	<0.080	pCi/L	TE
0	Thorium-232	<0.090	pCi/L	TE
0	Tritium	<2.0	pCi/mL	TE
0	Tritium	<2.0	pCi/mL	TE
0	Uranium-234	<0.30	pCi/L	TE
0	Uranium-234	<0.10	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
0	Uranium-235	<0.060	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zinc-65	<6.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL BLANK collected on 05/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<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 sulfate	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<10	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno 1,2,3-c,d pyrene	<10	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
1	Mercury	0.40	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	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
1	Oil & grease	3,000	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	<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	182	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	43	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	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	Toxaphene	<10	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	5.4	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

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 16:45
 pH: 6.5
 Alkalinity: 1 mg/L
 Water temperature: 34.2 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	<10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	22	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	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	18	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbonate	<1,000	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
1	Chromium	5.2	µg/L	GE
0	Chrysene	<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	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<1.0	µg/L	GE
0	1,2,4-Trichlorobenzene	<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-Chloronaphthalene	<1.0	µg/L	GE
0	2-Chlorophenol	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Nitrophenol	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dimethyl phenol	<1.0	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<1.0	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,6-Trichlorophenol	<1.0	µg/L	GE
0	2,6-Dinitrotoluene	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<1.0	µg/L	GE
0	4-Chlorophenyl phenyl ether	<1.0	µg/L	GE
0	4-Nitrophenol	<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
0	Tritium	<0.70	pCi/mL	GE

WELL BLANK collected on 05/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Butylbenzyl phthalate	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<40	µg/L	MT
0	Calcium	30	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chlordane	<1.0	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
1	Chromium	4.9	µg/L	GE
0	Chrysene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<2.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	delta-Benzene hexachloride	<1.0	µg/L	GE
0	Di-n-butyl phthalate	<1.0	µg/L	GE
0	Di-n-octyl phthalate	<1.0	µg/L	GE
0	Dibenz[a,h]anthracene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dieldrin	<1.0	µg/L	GE
0	Diethyl phthalate	<1.0	µg/L	GE
0	Dimethyl phthalate	<1.0	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<1.0	µg/L	GE
0	Fluorene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<1.0	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Heptachlor	<1.0	µg/L	GE
0	Heptachlor epoxide	<1.0	µg/L	GE
0	Hexachlorobenzene	<1.0	µg/L	GE
0	Hexachlorobutadiene	<1.0	µg/L	GE
0	Hexachlorocyclopentadiene	<1.0	µg/L	GE
0	Hexachloroethane	<1.0	µg/L	GE
0	Indeno 1,2,3-c,d pyrene	<1.0	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<2.0	µg/L	MT
0	Iron	22	µg/L	GE
0	Isophorone	<1.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	<1.0	µg/L	MT
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	N-Nitrosodi-propylamine	<1.0	µg/L	GE
0	N-Nitrosodimethylamine	<1.0	µg/L	GE
0	N-Nitrosodiphenylamine	<1.0	µg/L	GE
0	Naphthalene	<1.0	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: Not available
 Water elevation: Not available
 Sp conductance: 2 µS/cm

Time: 13:40
 pH: 6.5
 Alkalinity: 1 mg/L
 Water temperature: 30.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	pH	5.2	pH	MT
0	pH	5.9	pH	GE
0	Specific conductance	2.3	µS/cm	MT
0	Specific conductance	2.3	µS/cm	MT
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.24	NTU	MT
0	Turbidity	0.27	NTU	MT
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<1.0	µg/L	GE
0	Acenaphthylene	<1.0	µg/L	GE
0	Acetophenone	<1.0	µg/L	GE
0	Aldrin	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<1.0	µg/L	GE
0	alpha-Endosulfan	<1.0	µg/L	GE
0	Aluminum	<40	µg/L	MT
0	Aluminum	<20	µg/L	GE
0	Anthracene	<1.0	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<1.0	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzidine	<1.0	µg/L	GE
0	Benzo[a]anthracene	<1.0	µg/L	GE
0	Benzo[a]pyrene	<1.0	µg/L	GE
0	Benzo[b]fluoranthene	<1.0	µg/L	GE
0	Benzo[g,h,i]perylene	<1.0	µg/L	GE
0	Benzo[k]fluoranthene	<1.0	µg/L	GE
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<1.0	µg/L	GE
0	beta-Endosulfan	<1.0	µg/L	GE
0	Bis(chloromethyl) ether	<1.0	µg/L	GE
0	Bis(2-chloroethoxy) methane	<1.0	µg/L	GE
0	Bis(2-chloroethyl) ether	<1.0	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<1.0	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<1.0	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<1.0	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
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	< 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 1010	< 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	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 600	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silica	178	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	145	µg/L	MT
0	Sodium	43	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	3,260	µg/L	MT
0	Sulfide	3,380	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 1,000	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	6,000	µg/L	MT
0	Total dissolved solids	10,000	µg/L	MT
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	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 10	µg/L	GE
2	Toxaphene	20	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 10	µg/L	MT
0	Zinc	2.2	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE

WELL BLANK collected on 05/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
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	< 5.0	µg/L	MT
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	< 0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
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	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 0.70	pCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 9:35
 pH: 5.6
 Alkalinity: 1 mg/L
 Water temperature: 24.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	27	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	Benzenidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	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	35	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoforn	< 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	110	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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-1,3-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	<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,i]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	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 sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	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	Iodine	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	11	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	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	Nitrile 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	<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	<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
1	Silica	22,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	73	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<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

WELL BLANK collected on 05/31/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total phosphates	<50	µg/L	GE
2	Toxaphene	19	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	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	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	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	<45	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	pCl/L	GE
0	Nonvolatile beta	<2.0	pCl/L	GE
0	Total radium	<1.0	pCl/L	GE
0	Thallium	<0.70	pCl/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm
 Time: 9:50
 pH: 5.8
 Alkalinity: 1 mg/L
 Water temperature: 24.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
1	pH	6.9	pH	GE
0	Specific conductance	1.4	µS/cm	MT
0	Specific conductance	5.0	µS/cm	GE
0	Turbidity	0.43	NTU	MT
0	Turbidity	0.46	NTU	MT
0	Turbidity	0.50	NTU	MT
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<40	µg/L	MT
0	Aluminum	<40	µg/L	MT
1	Aluminum	260	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzo(b)fluoranthene	< 10	µg/L	GE
0	Benzo(g,h,i)perylene	< 10	µg/L	GE
0	Benzo(k)fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzone 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	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	24	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	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	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
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

WELL BLANK collected on 06/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno 1,2,3-c,d pyrene	< 10	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	< 20	µg/L	MT
0	Iron	29	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
1	Methoxychlor	0.50	µg/L	MT
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	< 5.2	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
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	< 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	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 600	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	290	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	15	µg/L	MT
0	Sodium	43	µg/L	MT
0	Sodium	68	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	4,800	µg/L	MT
0	Sulfide	4,860	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 1,000	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	41,000	µg/L	MT
0	Total dissolved solids	4,000	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	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	Total phosphates	30	µg/L	MT
0	Total phosphates	100	µg/L	GE
0	Toxaphene	0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	<10	µg/L	MT
0	Zinc	2.5	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
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	<5.0	µg/L	MT
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	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
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	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Trinium	<1.0	pCi/ml	MT
0	Trinium	<0.70	pCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/05/90 Time: 15:20
 Depth to water Not available pH: 6.1
 Water elevation Not available Alkalinity 1 mg/L
 Sp. conductance 1 µS/cm Water temperature 36.4 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	2.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE

WELL BLANK collected on 06/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<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	Aluminum	59	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	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	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	18	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbonate	<1,000	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-1,3-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	<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	<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 sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	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	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	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	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrobenzene	< 10	µg/L	GE
1	Oil & grease	3,000	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 1018	< 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	350	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	51	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 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
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	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	2.3	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	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	< 45	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: 06/07/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 13:20
 pH: 6.0
 Alkalinity: 1 mg/L
 Water temperature: 38.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
0	pH	4.4	pH	MT
0	pH	6.1	pH	GE
0	Specific conductance	1.2	µS/cm	MT
0	Specific conductance	1.2	µS/cm	MT
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.48	NTU	MT
0	Turbidity	0.48	NTU	MT
0	Turbidity	0.14	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 40	µg/L	MT
0	Aluminum	59	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	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	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromofom	< 5.0	µg/L	MT
0	Bromofom	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 40	µg/L	MT
0	Calcium	< 40	µg/L	MT
0	Calcium	32	µg/L	GE
0	Carbon tetrachloride	< 50	µg/L	MT
0	Carbon tetrachloride	< 10	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 50	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE

QUALITY CONTROL SAMPLES

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

Flag	Analyte	Result	Unit	Lab
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	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	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	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	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
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	Iodine	< 100	µg/L	GE
0	Iron	56	µg/L	MT
0	Iron	< 20	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
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	7.9	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
1	Oil & grease	4,000	µg/L	GF
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	GF
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

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

Flag	Analyte	Result	Unit	Lab
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	1,090	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silica	< 2,140	µg/L	MT
0	Silica	390	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	11	µg/L	MT
0	Sodium	45	µg/L	MT
0	Sodium	97	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	5,060	µg/L	MT
0	Sulfide	5,360	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 1,000	µg/L	MT
0	Tin	< 1,000	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	3,000	µg/L	MT
0	Total dissolved solids	7,000	µg/L	MT
0	Total dissolved solids	4,000	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	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	21	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 10	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	Zinc	2.3	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GF
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
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

QUALITY CONTROL SAMPLES

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

Flag	Analyte	Result	Unit	Lab
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	< 0.40	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
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	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 1.0	pCi/ml	MT
0	Tritium	< 1.0	pCi/ml	MT
0	Tritium	< 0.70	pCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/10/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 9:50
 pH: 6.3
 Alkalinity: 1 mg/L
 Water temperature: 28.4 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	pH	5.1	pH	GE
0	Specific conductance	1.3	µS/cm	MT
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.29	NTU	MT
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 40	µg/L	MT
0	Aluminum	< 20	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
1	Arsenic	2.8	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benztidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	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	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	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 40	µg/L	MT
0	Calcium	18	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE

WELL BLANK collected on 06/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	< 5.0	µg/L	MT
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	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	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	< 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 sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	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	Iodine	< 100	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	4.3	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	< 10	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
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	< 5.2	µg/L	MT
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	< 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	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 600	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 2,140	µg/L	MT
0	Silica	320	µg/L	GE
0	Silver	< 2.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/10/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	< 2.0	µg/L	GE
0	Sodium	53	µg/L	MT
0	Sodium	57	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 1,000	µg/L	MT
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	12,000	µg/L	MT
0	Total dissolved solids	19,000	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	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	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	11	µg/L	MT
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	< 45	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	Americium-241	< 0.20	pCi/L	TE
0	Americium-243	< 0.10	pCi/L	TE
0	Barium-140	< 10	pCi/L	TE
0	Beryllium-7	< 20	pCi/L	TE
0	Carbon-14	< 20	pCi/L	TE
0	Cesium-141	< 4.0	pCi/L	TE
0	Cesium-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	< 2.0	pCi/L	TE
0	Cesium-242	< 0.10	pCi/L	TE
0	Cesium-243/244	< 0.30	pCi/L	TE
0	Cesium-246	< 0.20	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 0.60	pCi/L	TE
0	Iodine-129	< 3.0	pCi/L	TE
0	Iodine-131	< 30	pCi/L	TE
0	Iron-55	< 40	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	< 200	pCi/L	TE
0	Nickel-63	< 8.0	pCi/L	TE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 1.0	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	< 40	pCi/L	TE

WELL BLANK collected on 08/10/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Radium-226	< 30	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Ruthenium-103	< 3.0	pCi/L	TE
0	Ruthenium-106	< 20	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
1	Strontium-90	12 ± 2.0	pCi/L	TE
0	Technetium-99	< 4.0	pCi/L	TE
0	Thorium-228	< 3.0	pCi/L	TE
0	Thorium-228	< 0.40	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	GE
0	Tritium	< 0.70	pCi/ml	GE
0	Tritium	< 1.0	pCi/ml	TE
0	Uranium-234	< 0.10	pCi/L	TE
0	Uranium-235	< 0.40	pCi/L	TE
0	Uranium-238	< 0.80	pCi/L	TE
0	Zinc-65	< 5.0	pCi/L	TE
0	Zirconium-95	< 2.0	pCi/L	TE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 08/12/00
 Depth to water: Not available
 Water elevation: Not available
 Sp conductance: 1 µS/cm

Time: 17:05
 pH: 8.0
 Alkalinity: 1 mg/L
 Water temperature: 36.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.8	pH	MT
1	pH	6.8	pH	GE
0	Specific conductance	1.2	µS/cm	MT
0	Specific conductance	5.0	µS/cm	GE
0	Turbidity	0.11	NTU	MT
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzone 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	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzone 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	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoforn	< 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	21	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chlordane	< 250	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	Chloromethane (Methyl chloride)	< 1.0	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/12/00, 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	< 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 sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (lincane)	< 10	µg/L	GE
0	gamma-Benzene hexachloride (lincane)	< 0.0050	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno 1,2,3-c,d pyrene	< 10	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	8.5	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 3.0	µg/L	GI
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MI
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	3,000	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	< 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	330	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	66	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	7,120	µg/L	MI
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
1	Thallium	12	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GI
0	Total carbon	< 1,000	µg/L	GI
0	Total dissolved solids	6,000	µg/L	MI
0	Total dissolved solids	12,000	µg/L	GE
1	Total hydrocarbons	2,000	µg/L	GI
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MI
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MI
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 10	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	GI

WELL BLANK collected on 06/12/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	< 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
1	2,4-Dichlorophenoxyacetic acid	3.9	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	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	GI
1	Americium-241	0.59 ± 0.28	pCi/L	IE
1	Americium-241	0.30 ± 0.22	pCi/L	IE
1	Americium-243	0.28 ± 0.19	pCi/L	IE
1	Americium-243	0.39 ± 0.21	pCi/L	IE
0	Barium-140	< 30	pCi/L	IE
0	Barium-140	< 30	pCi/L	IE
0	Beryllium-7	< 40	pCi/L	IE
0	Beryllium-7	< 40	pCi/L	IE
0	Carbon-14	< 20	pCi/L	IE
0	Carbon-14	< 20	pCi/L	IE
0	Cerium-141	< 8.0	pCi/L	IE
0	Cerium-141	< 10	pCi/L	IE
0	Cerium-144	< 20	pCi/L	IE
0	Cerium-144	< 30	pCi/L	IE
0	Cesium-134	< 4.0	pCi/L	IE
0	Cesium-134	< 4.0	pCi/L	IE
0	Cesium-137	< 5.0	pCi/L	IE
0	Cesium-137	< 4.0	pCi/L	IE
0	Cobalt-58	< 4.0	pCi/L	IE
0	Cobalt-58	< 4.0	pCi/L	IE
0	Cobalt-60	< 4.0	pCi/L	IE
0	Cobalt-60	< 4.0	pCi/L	IE
0	Curium-242	< 0.30	pCi/L	IE
0	Curium-242	< 0.22	pCi/L	IE
0	Curium-243/244	< 0.50	pCi/L	IE
0	Curium-243/244	< 0.47	pCi/L	IE
1	Curium-246	0.31 ± 0.19	pCi/L	IE
1	Curium-246	0.31 ± 0.21	pCi/L	IE
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 0.90	pCi/L	IE
0	Gross alpha	< 0.90	pCi/L	IE
0	Iodine-129	< 3.0	pCi/L	IE
0	Iodine-129	< 3.0	pCi/L	IE
0	Iodine-131	< 50	pCi/L	IE
0	Iodine-131	< 50	pCi/L	IE
0	Iron-55	< 50	pCi/L	IE
0	Iron-55	< 30	pCi/L	IE
0	Iron-59	< 10	pCi/L	IE
0	Iron-59	< 10	pCi/L	IE
0	Manganese-54	< 4.0	pCi/L	IE
0	Manganese-54	< 4.0	pCi/L	IE
0	Neptunium-237	< 7.0	pCi/L	IE
0	Neptunium-237	< 7.0	pCi/L	IE
0	Nickel-59	< 100	pCi/L	IE
0	Nickel-59	< 100	pCi/L	IE
0	Nickel-63	< 8.0	pCi/L	IE
0	Nickel-63	< 8.0	pCi/L	IE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 1.0	pCi/L	IE
0	Nonvolatile beta	1.8 ± 0.90	pCi/L	IE
0	Plutonium-238	< 0.30	pCi/L	IE
0	Plutonium-238	< 0.090	pCi/L	IE
0	Plutonium-239/240	< 0.30	pCi/L	IE
0	Plutonium-239/240	< 0.090	pCi/L	IE
0	Plutonium-242	< 0.50	pCi/L	IE
0	Plutonium-242	< 0.20	pCi/L	IE
0	Potassium-40	< 70	pCi/L	IE
0	Potassium-40	< 80	pCi/L	IE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/13/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallylate	< 10	µg/L	MT
0	Diallylate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	MT
0	Dibromomethane (Methylene bromide)	< 1.0	µg/L	GE
0	Dichlorodifluoromethane	< 5.0	µg/L	MT
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dieldrin	< 0.10	µg/L	MT
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	MT
0	Dimethoate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	MT
0	Diphenylamine	< 10	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Disulfoton	< 10	µg/L	MT
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.050	µg/L	MT
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.10	µg/L	MT
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.10	µg/L	MT
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.10	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.20	µg/L	MT
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	MT
0	Ethyl methacrylate	< 5.0	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	MT
0	Ethyl methanesulfonate	< 10	µg/L	MT
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 10	µg/L	GE
0	Famphur	< 10	µg/L	MT
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	GE
0	Fluoride	< 100	µg/L	MT
0	gamma-Benzene hexachloride (lindane)	< 0.050	µg/L	MT
0	gamma-Benzene hexachloride (lindane)	< 0.0050	µg/L	GE
0	Heptachlor	< 0.50	µg/L	MT
0	Heptachlor epoxide	< 0.050	µg/L	MT
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 10	µg/L	MT
0	Hexachlorophene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	MT
0	Hexachloropropene	< 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	GE
0	Iodine	< 100	µg/L	GE
0	Iodomethane (Methyl iodide)	< 5.0	µg/L	MT
0	Iodomethane (Methyl iodide)	< 1.0	µg/L	GE
2	Iron	3,430	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Isobutyl alcohol	< 10	µg/L	MT
0	Isodrin	< 10	µg/L	MT
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	MT

WELL BLANK collected on 08/13/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Isosafrole	< 10	µg/L	GE
0	Kepono	< 10	µg/L	MT
0	Kepono	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	MT
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	Magnesium	3.3	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
2	Manganese	50	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 5.0	µg/L	MT
0	Methacrylonitrile	< 1.0	µg/L	GE
0	Methacrylonitrile	< 10	µg/L	MT
0	Methacrylonitrile	< 10	µg/L	GE
0	Methoxychlor	< 0.050	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	MT
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	MT
0	Methyl isobutyl ketone	< 5.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	MT
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	MT
0	Methyl methanesulfonate	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	MT
0	N-Nitrosodi-n-butylamine	< 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	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	MT
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	MT
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	MT
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	MT
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Nickel	< 3.4	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	MT
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	MT
0	o-Toluidine	< 10	µg/L	GE
1	Oil & grease	2,000	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	MT
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	MT
0	p,p'-DDE	< 0.10	µg/L	MT
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.10	µg/L	MT
0	p,p'-DDT	< 0.50	µg/L	GE
0	para-Chloro meta cresol	< 10	µg/L	MT
0	Parathion	< 10	µg/L	GE
0	Parathion	< 0.50	µg/L	MT
0	Parathion methyl	< 10	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	MT
0	PCB 1016	< 0.50	µg/L	MT
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 1.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	p-(Dimethylamino)Ethylbenzene	<10	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	MT
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachloroethane	<10	µg/L	MT
0	Pentachloroethane	<5.0	µg/L	MT
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	MT
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	MT
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	MT
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	MT
0	Phenanthrene	<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	Phenols	<5.0	µg/L	GE
0	Phenols	<10	µg/L	GE
0	Phorate	<10	µg/L	MT
0	Phorate	<0.50	µg/L	GE
0	Potassium	<416	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	MT
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<5.0	µg/L	MT
0	Propionitrile	<1.0	µg/L	GE
0	Pyrene	<10	µg/L	MT
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	MT
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	MT
0	Safrole	<10	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	<205	µg/L	MT
0	Silica	230	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	33	µg/L	MT
0	Sodium	36	µg/L	GE
0	Styrene	<5.0	µg/L	MT
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	8,940	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Sulfotep	<10	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetraethyl dithiopyrophosphate	<10	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	MT
0	Tin	<972	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	12,000	µg/L	MT
0	Total dissolved solids	6,000	µg/L	GE
1	Total hydrocarbons	2,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	Total phosphates	11	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<1.0	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<10	µg/L	MT
0	trans-1,4-Dichloro-2-butene	<1.0	µg/L	GE
0	Trichloroethylene	<10	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<72	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<3.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	MT

WELL BLANK collected on 06/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Zinc	6.3	µg/L	MT
0	Zinc	<2.0	µg/L	GE
0	0,0,0-Triethyl phosphorothioate	<10	µg/L	MT
0	0,0,0-Triethyl phosphorothioate	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	MT
0	1-Naphthylamine	<10	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<10	µg/L	MT
0	1,2-Dibromoethane	<5.0	µg/L	MT
0	1,2-Dibromoethane	<1.0	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethylene	<5.0	µg/L	MT
0	1,2-Dichloroethylene	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	MT
0	1,2,3-Trichloropropane	<5.0	µg/L	MT
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	MT
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	MT
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,4-Benzoquinone	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	MT
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	MT
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminoanthracene	<10	µg/L	MT
0	2-Acetylaminoanthracene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<10	µg/L	MT
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	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	GE
0	2-Naphthylamine	<10	µg/L	MT
0	2-Naphthylamine	<10	µg/L	GE
0	2-Nitroaniline	<50	µg/L	MT
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	MT
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.070	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	MT
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	MT
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	MT
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	MT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	MT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Methyl-2-pentanone	<10	µg/L	MT
0	4-Nitroaniline	<50	µg/L	MT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	MT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4,6-Dinitro-ortho-cresol	<50	µg/L	MT
0	5-Nitro-o-toluidine	<10	µg/L	MT
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	MT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<1.0	pCi/ml	MT
0	Tritium	<0.70	pCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 14:30
 pH: 6.9
 Alkalinity: 1 mg/L
 Water temperature: 38.1 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	pH	5.6	pH	GE
0	Specific conductance	1.8	µS/cm	MT
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	0.17	NTU	MT
0	Turbidity	0.18	NTU	MT
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<44	µg/L	MT
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<1.0	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<1.0	µg/L	MT

WELL BLANK collected on 06/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Beryllium	<3.0	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	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14	µg/L	MT
0	Calcium	12	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<13	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<14	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	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	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	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	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (lindane)	<0.0050	µg/L	MT
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	Iodine	<100	µg/L	GE
0	Iron	87	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<2.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/17/90, laboratory analyses (continued)

WELL BLANK collected on 06/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab	Flag	Analyte	Result	Unit	Lab
0	Lead	6.0	µg/L	GE	0	Uranium	< 72	µg/L	MT
0	Magnesium	16	µg/L	MT	0	Uranium	< 1,000	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE	0	Vanadium	< 3.0	µg/L	MT
0	Manganese	< 2.0	µg/L	MT	0	Vanadium	< 10	µg/L	GE
0	Manganese	< 2.0	µg/L	GE	0	Xylenes	< 5.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT	0	Xylenes	< 1.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT	0	Zinc	< 4.0	µg/L	MT
0	Mercury	< 0.20	µg/L	GE	0	Zinc	5.7	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT	0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE	0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE	0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE	0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE	0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	Naphthalene	< 10	µg/L	GE	0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Nickel	< 3.4	µg/L	MT	0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	Nickel	< 4.0	µg/L	GE	0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT	0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT	0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE	0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	Nitrite as nitrogen	1,500	µg/L	MT	0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	Nitrite as nitrogen	< 1,500	µg/L	MT	0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	Nitrite as nitrogen	< 10.0	µg/L	GE	0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE	0	1,2-Diphenylhydrazine	< 10	µg/L	GE
1	Oil & grease	4,000	µg/L	GE	0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE	0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	p,p'-DDE	< 10	µg/L	GE	0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE	0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE	0	2-Chloronaphthalene	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE	0	2-Chlorophenol	< 10	µg/L	GE
0	PCB 1221	< 150	µg/L	GE	0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	PCB 1232	< 150	µg/L	GE	0	2-Nitrophenol	< 10	µg/L	GE
0	PCB 1242	< 150	µg/L	GE	0	2,4-Dichlorophenol	< 10	µg/L	GE
0	PCB 1248	< 150	µg/L	GE	0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	PCB 1254	< 150	µg/L	GE	0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	PCB 1260	< 150	µg/L	GE	0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE	0	2,4-Dinitrophenol	< 45	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE	0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	MT	0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	Phenols	< 5.0	µg/L	GE	0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Phenols	< 10	µg/L	GE	0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	Potassium	< 416	µg/L	MT	0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE	0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE	0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT	0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE	0	4-Nitrophenol	< 10	µg/L	GE
0	Silica	< 205	µg/L	MT	1	Americium-241	1.5 ± 0.30	pCi/L	TE
0	Silica	460	µg/L	GE	1	Americium-241	0.27 ± 0.080	pCi/L	TE
0	Silver	< 0.60	µg/L	MT	0	Americium-243	< 0.10	pCi/L	TE
0	Silver	< 2.0	µg/L	GE	1	Americium-243	0.45 ± 0.36	pCi/L	TE
0	Sodium	72	µg/L	MT	0	Barium-140	< 20	pCi/L	TE
0	Sodium	59	µg/L	GE	0	Barium-140	< 20	pCi/L	TE
0	Sulfate	< 1,000	µg/L	MT	0	Beryllium-7	< 40	pCi/L	TE
0	Sulfate	< 1,000	µg/L	MT	0	Beryllium-7	< 50	pCi/L	TE
0	Sulfate	< 1,000	µg/L	GE	0	Carbon-14	< 20	pCi/L	TE
0	Sulfide	14,700	µg/L	MT	0	Carbon-14	< 20	pCi/L	TE
0	Sulfide	15,500	µg/L	MT	0	Cerium-141	< 7.0	pCi/L	TE
0	Sulfide	< 1,000	µg/L	GE	0	Cerium-141	< 10	pCi/L	TE
0	Tetrachloroethylene	< 5.0	µg/L	MT	0	Cerium-144	< 20	pCi/L	TE
0	Tetrachloroethylene	< 1.0	µg/L	GE	0	Cerium-144	< 30	pCi/L	TE
0	Thallium	< 3.0	µg/L	MT	0	Cesium-134	< 3.0	pCi/L	TE
0	Thallium	< 2.0	µg/L	GE	0	Cesium-134	< 5.0	pCi/L	TE
0	Tin	< 972	µg/L	MT	0	Cesium-137	< 3.0	pCi/L	TE
0	Tin	< 2.0	µg/L	GE	0	Cesium-137	< 5.0	pCi/L	TE
0	Toluene	< 5.0	µg/L	MT	0	Cobalt-58	< 4.0	pCi/L	TE
0	Toluene	< 1.0	µg/L	GE	0	Cobalt-58	< 5.0	pCi/L	TE
0	Total carbon	< 1,000	µg/L	GE	0	Cobalt-60	< 4.0	pCi/L	TE
0	Total dissolved solids	9,000	µg/L	MT	0	Cobalt-60	< 6.0	pCi/L	TE
0	Total dissolved solids	11,000	µg/L	MT	0	Curium-242	< 0.20	pCi/L	TE
0	Total dissolved solids	3,000	µg/L	GE	0	Curium-242	< 0.40	pCi/L	TE
1	Total hydrocarbons	2,000	µg/L	GE	0	Curium-243/244	< 0.40	pCi/L	TE
0	Total inorganic carbon	< 1,000	µg/L	GE	0	Curium-243/244	< 0.50	pCi/L	TE
0	Total organic carbon	< 1,000	µg/L	MT	0	Curium-246	< 0.20	pCi/L	TE
0	Total organic carbon	< 1,000	µg/L	GE	0	Curium-246	< 0.20	pCi/L	TE
0	Total organic halogens	< 5.0	µg/L	MT	0	Gross alpha	< 3.0	pCi/L	MT
0	Total organic halogens	< 5.0	µg/L	GE	0	Gross alpha	< 3.0	pCi/L	MT
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT	0	Gross alpha	< 2.0	pCi/L	GE
0	Total phosphates	15	µg/L	MT	0	Gross alpha	< 1.0	pCi/L	TE
0	Total phosphates	< 50	µg/L	GE	0	Gross alpha	< 0.90	pCi/L	TE
0	Toxaphene	< 0.24	µg/L	MT	0	Iodine-129	< 3.0	pCi/L	TE
0	Toxaphene	< 0.24	µg/L	GE	0	Iodine-129	< 3.0	pCi/L	TE
0	Toxaphene	< 10	µg/L	GE	0	Iodine-131	< 30	pCi/L	TE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT	0	Iodine-131	< 50	pCi/L	TE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE	0	Iron-55	< 50	pCi/L	TE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT	0	Iron-55	< 50	pCi/L	TE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE	0	Iron-59	< 10	pCi/L	TE
0	Trichloroethylene	< 5.0	µg/L	MT	0	Iron-59	< 10	pCi/L	TE
0	Trichloroethylene	< 1.0	µg/L	GE	0	Manganese-54	< 3.0	pCi/L	TE
0	Trichlorofluoromethane	< 5.0	µg/L	MT	0	Manganese-54	< 5.0	pCi/L	TE
0	Trichlorofluoromethane	< 1.0	µg/L	GE	0	Neptunium 237	< 7.0	pCi/L	TE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Neptunium-237	<9.0	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	<5.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<1.0	pCi/L	TE
0	Nonvolatile beta	<1.0	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.090	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Plutonium-242	<0.20	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<60	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<5.0	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Technetium-99	<4.0	pCi/L	TE
0	Technetium-99	<6.0	pCi/L	TE
0	Thorium-228	<6.0	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
0	Thorium-228	<0.70	pCi/L	TE
0	Thorium-228	<0.60	pCi/L	TE
0	Thorium-230	<0.50	pCi/L	TE
0	Thorium-230	<0.30	pCi/L	TE
0	Thorium-232	<0.20	pCi/L	TE
0	Thorium-232	<0.40	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<1.0	pCi/ml	MT
0	Tritium	<0.70	pCi/ml	GE
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	<0.40	pCi/L	TE
0	Uranium-235	<0.40	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	<10	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL BLANK collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Acetophenone	<10	µg/L	MT
0	Acetophenone	<10	µg/L	GE
0	Acrolein	<100	µg/L	MT
0	Acrylonitrile	<5.0	µg/L	MT
0	Aldrin	<0.050	µg/L	MT
0	Aldrin	<10	µg/L	GE
0	Allyl chloride	<100	µg/L	MT
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	Aluminum	<44	µg/L	MT
0	Aluminum	<20	µg/L	GE
0	Aniline	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Anthracene	<10	µg/L	GE
1	Antimony	3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Azobenzene	<10	µg/L	MT
0	Barium	18	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzidine	<50	µg/L	MT
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	MT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	MT
0	Benzo[a]pyrene	<10	µg/L	GE
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	MT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	MT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzoic acid	<50	µg/L	MT
0	Benzyl alcohol	<10	µg/L	MT
0	Beryllium	<1.0	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	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	MT
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	MT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	MT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	MT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<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)	<1.0	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
1	Calcium	18,800	µg/L	MT
0	Calcium	12	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chlordane	<1.0	µg/L	MT
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	MT
0	Chloride	<250	µg/L	GF
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloroprene	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm
 Time: 15:10
 pH: 6.2
 Alkalinity: 1 mg/L
 Water temperature: 35.5 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	pH	5.1	pH	MT
0	pH	6.0	pH	GE
0	Specific conductance	1.3	µS/cm	MT
0	Specific conductance	1.3	µS/cm	MT
0	Specific conductance	3.0	µS/cm	GE
0	Turbidity	0.22	NTU	MT
0	Turbidity	0.24	NTU	MT
0	Turbidity	0.20	NTU	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	<100	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chrysene	< 10	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 13	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 14	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	MT
0	Dichlorodifluoromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dieldrin	< 0.10	µg/L	MT
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Disulfoton	< 10	µg/L	MT
0	Endosulfan I	< 0.050	µg/L	MT
0	Endosulfan II	< 0.10	µg/L	MT
0	Endosulfan sulfate	< 0.10	µg/L	MT
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.10	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 0.20	µg/L	MT
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethyl methacrylate	< 5.0	µg/L	MT
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.050	µg/L	MT
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	< 0.050	µg/L	MT
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 10	µg/L	MT
0	Hexachloropropene	< 10	µg/L	MT
0	Indeno 1,2,3-c,d pyrene	< 10	µg/L	MT
0	Indeno 1,2,3-c,d pyrene	< 10	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iodomethane (Methyl iodide)	< 5.0	µg/L	MT
2	Iron	590	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Isodrin	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isosalrole	< 10	µg/L	MT
0	Kepon	< 10	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	MT

WELL BLANK collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	402	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
2	Manganese	134	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 5.0	µg/L	MT
0	Methapyrillene	< 10	µg/L	MT
0	Methoxychlor	< 0.050	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	MT
0	Methyl methacrylate	< 5.0	µg/L	MT
0	Methyl methanesulfonate	< 10	µg/L	MT
0	N-Nitrosodi-n-butylamine	< 10	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylthylamine	< 10	µg/L	MT
0	N-Nitrosomorpholine	< 10	µg/L	MT
0	N-Nitrosopiperidine	< 10	µg/L	MT
0	N-Nitrosopyrrolidine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
0	Nickel	< 3.4	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrile as nitrogen	< 1,500	µg/L	MT
0	Nitrile as nitrogen	< 10.0	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	MT
0	o-Toluidine	< 10	µg/L	MT
1	Oil & grease	2,000	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	MT
0	p-Dimethylaminoazobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	MT
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 0.10	µg/L	MT
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 0.10	µg/L	MT
0	p,p'-DDT	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	Parathion	< 10	µg/L	MT
0	Parathion methyl	< 10	µg/L	MT
0	PCB 1016	< 0.50	µg/L	MT
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1221	< 150	µg/L	GE
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1232	< 150	µg/L	GE
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1248	< 150	µg/L	GE
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1254	< 150	µg/L	GE
0	PCB 1260	< 1.0	µg/L	MT
0	PCB 1260	< 150	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	MT
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Phorate	< 10	µg/L	MT
0	Potassium	< 416	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	MT
0	Propionitrile	< 5.0	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	MT
0	Saltol	< 10	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
1	Silica	10,000	µg/L	MT
0	Silica	< 100	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<0.60	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	21,100	µg/L	MT
0	Sodium	11	µg/L	GE
0	Styrene	<5.0	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	1,520	µg/L	MT
0	Sulfide	2,820	µg/L	MT
0	Sulfide	1,000	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetraethyl dithiopyrophosphate	<10	µg/L	MT
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	MT
0	Tin	<872	µg/L	MT
0	Tin	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	12,000	µg/L	MT
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	MT
0	Total organic carbon	<1,000	µg/L	GE
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	GE
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
0	Total phosphates	18	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<1.0	µg/L	MT
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	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<10	µg/L	MT
0	Trichloroethylene	<10	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<72	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<30	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
1	Zinc	421	µg/L	MT
0	Zinc	<2.0	µg/L	GE
0	0,0,0-Triethyl phosphorothioate	<10	µg/L	MT
0	1-Naphthylamine	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<10	µg/L	MT
0	1,2-Dibromoethane	<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-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethylene	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<1.0	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,3-Dinitrobenzene	<10	µg/L	MT
0	1,3,5-Trinitrobenzene	<10	µg/L	MT
0	1,4-Benzoquinone	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dioxane	<10	µg/L	MT
0	1,4-Naphthoquinone	<10	µg/L	MT
0	2-Acetylaminofluorene	<10	µg/L	MT
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL BLANK collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Naphthylamine	<10	µg/L	MT
0	2-Nitroaniline	<50	µg/L	MT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	MT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	<0.070	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	MT
0	3-Nitroaniline	<50	µg/L	MT
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	MT
0	4-Aminobiphenyl	<10	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
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-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Methyl-2-pentanone	<10	µg/L	MT
0	4-Nitroaniline	<50	µg/L	MT
0	4-Nitrophenol	<10	µg/L	MT
0	4-Nitrophenol	<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	MT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<1.0	pCi/ml	MT
0	Tritium	<1.0	pCi/ml	MT
0	Tritium	<0.70	pCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm

Time: 8:45
 pH: 5.9
 Alkalinity: 1 mg/L
 Water temperature: 26.0 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	pH	5.4	pH	MT
1	pH	8.0	pH	GE
0	Specific conductance	2.1	µS/cm	MT
0	Specific conductance	2.1	µS/cm	MT
0	Specific conductance	2.0	µS/cm	GE
0	Turbidity	0.16	NTU	MT
0	Turbidity	0.19	NTU	MT
0	Turbidity	0.30	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzone hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 44	µg/L	MT
0	Aluminum	< 44	µg/L	MT
0	Aluminum	< 20	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 1.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 1.0	µg/L	MT
0	Beryllium	< 1.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzone 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	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	70	µg/L	MT
0	Calcium	25	µg/L	MT
0	Calcium	< 10	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlorfane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
2	Chromium	27	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 13	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 14	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzone 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	MT
0	Dibromochloromethane	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE

WELL BLANK collected on 06/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzone hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzone hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzone hexachloride (Lindane)	< 10	µg/L	GE
0	Haptachlor	< 10	µg/L	GE
0	Haptachlor 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	133	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	2.8	µg/L	MT
0	Magnesium	2.3	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	4.7	µg/L	MT
0	Manganese	< 2.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
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	< 3.4	µg/L	MT
0	Nickel	< 3.4	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 400	µg/L	MT
0	Nitrite as nitrogen	< 400	µg/L	MT
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	< 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	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 416	µg/L	MT
0	Potassium	< 416	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 205	µg/L	MT
0	Silica	< 205	µg/L	MT
0	Silica	< 100	µg/L	GE
0	Silver	< 0.60	µg/L	MT
0	Silver	< 0.60	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	50	µg/L	MT
0	Sodium	83	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sodium	19	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	2,700	µg/L	MT
0	Sulfide	2,780	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 972	µg/L	MT
0	Tin	< 972	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	8,000	µg/L	MT
0	Total dissolved solids	7,000	µg/L	MT
0	Total dissolved solids	7,000	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	MT
0	Total organic carbon	< 1,000	µg/L	GE
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	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 72	µg/L	MT
0	Uranium	< 72	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 3.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 4.0	µg/L	MT
0	Zinc	< 4.0	µg/L	MT
0	Zinc	< 2.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
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	< 5.0	µg/L	MT
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	< 0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
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 BLANK collected on 06/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	4-Nitrophenol	< 10	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Trillium	< 1.0	pCi/ml	MT
0	Trillium	< 1.0	pCi/ml	MT
0	Trillium	0.00 ± 0.40	pCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1 µS/cm
 Time: 8:20
 pH: 6.3
 Alkalinity: 1 mg/L
 Water temperature: 20.6 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	pH	5.7	pH	MT
1	pH	6.6	pH	GE
0	Specific conductance	1.4	µS/cm	MT
0	Specific conductance	1.4	µS/cm	MT
0	Specific conductance	2.0	µS/cm	GE
0	Turbidity	0.17	NTU	MT
0	Turbidity	0.16	NTU	MT
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	Aluminum	< 44	µg/L	MT
0	Aluminum	< 44	µg/L	MT
0	Aluminum	< 20	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 1.0	µg/L	MT
0	Barium	< 1.0	µg/L	MT
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 1.0	µg/L	MT
0	Beryllium	< 1.0	µg/L	MT
0	Beryllium	< 3.0	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	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	65	µg/L	MT
0	Calcium	70	µg/L	MT
0	Calcium	< 10	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL. BLANK collected on 06/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	< 250	µg/L	MT
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
2	Chromium	495	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 13	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 14	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	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	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	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	MT
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
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	Iodine	< 100	µg/L	GE
0	Iron	< 21	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	4.0	µg/L	GE
0	Magnesium	2.6	µg/L	MT
0	Magnesium	2.7	µg/L	MT
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	MT
0	Manganese	14	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
2	Mercury	1.3	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
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	< 3.4	µg/L	MT
0	Nickel	< 3.4	µg/L	MT
0	Nickel	< 4.0	µg/L	GE

WELL. BLANK collected on 06/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 380	µg/L	MT
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	< 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 1018	< 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	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 10	µg/L	GE
0	Potassium	< 418	µg/L	MT
0	Potassium	< 418	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 205	µg/L	MT
0	Silica	< 205	µg/L	MT
0	Silica	< 100	µg/L	GE
0	Silver	< 0.60	µg/L	MT
0	Silver	< 0.60	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	44	µg/L	MT
0	Sodium	53	µg/L	MT
0	Sodium	< 10	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	MT
0	Sulfide	< 1,000	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 972	µg/L	MT
0	Tin	< 972	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	4,000	µg/L	MT
0	Total dissolved solids	7,000	µg/L	MT
0	Total dissolved solids	8,000	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	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 72	µg/L	MT
0	Uranium	< 72	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 3.0	µg/L	MT
1	Vanadium	4.2	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 4.0	µg/L	MT
0	Zinc	< 4.0	µg/L	MT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc	<2.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
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	<5.0	µg/L	MT
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	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
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	MT
0	Gross alpha	<1.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<0.70	pCi/mL	GE

WELL FB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm

Time: 9:50
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 14.2 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 FB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 13:50
pH: 4.4
Alkalinity: 1 mg/L
Water temperature: 16.9 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

WELL FB 10 collected on 04/03/90, 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 FB 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm

Time: 8:55
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 11.2 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 FB 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 8:25
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 15.9 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 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm

Time: 10:50
pH: 4.5
Alkalinity: 1 mg/L
Water temperature: 15.2 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 FB 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm

Time: 7:50
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 17.0 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

QUALITY CONTROL SAMPLES

WELL FB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90 Time: 7:50
 Depth to water: Not available pH: 4.8
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 18.6 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 FB 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 7:50
 Depth to water: Not available pH: 4.8
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 14.2 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 FB 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90 Time: 9:55
 Depth to water: Not available pH: 4.8
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 16.5 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 FB 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90 Time: 9:15
 Depth to water: Not available pH: 5.4
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 3 µS/cm Water temperature: 17.5 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 FB 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90 Time: 19:00
 Depth to water: Not available pH: 4.4
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 28.1 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 FB 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 9:20
 Depth to water: Not available pH: 5.0
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 2 µS/cm Water temperature: 17.6 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 FB 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90 Time: 8:15
 Depth to water: Not available pH: 5.3
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 2 µS/cm Water temperature: 21.1 C

WELL FB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90 Time: 12:40
 Depth to water: Not available pH: 4.0
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 19.9 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 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90 Time: 10:45
 Depth to water: Not available pH: 5.0
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 2 µS/cm Water temperature: 19.9 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

QUALITY CONTROL SAMPLES

WELL FB 23 collected on 05/11/90, 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	MA

WELL FB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 2 µS/cm

Time: 9:10
 pH: 5.3
 Alkalinity: 0 mg/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 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 2 µS/cm

Time: 9:00
 pH: 5.6
 Alkalinity: 0 mg/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 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 3 µS/cm

Time: 12:50
 pH: 6.2
 Alkalinity: 0 mg/L
 Water temperature: 28.4°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 FB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 3 µS/cm

Time: 8:55
 pH: 5.8
 Alkalinity: 1 mg/L
 Water temperature: 17.7°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 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 2 µS/cm

Time: 8:55
 pH: 5.2
 Alkalinity: 1 mg/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 FB 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 3 µS/cm

Time: 12:20
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 24.7°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 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 4 µS/cm

Time: 13:55
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 26.2°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 FB 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 3 µS/cm

Time: 10:05
 pH: 5.7
 Alkalinity: 1 mg/L
 Water temperature: 20.4°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

QUALITY CONTROL SAMPLES

WELL FB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 11:45
 Depth to water: Not available pH: 5.2
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 2 µS/cm Water temperature: 27.2 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 FB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:15
 Depth to water: Not available pH: 5.0
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 3 µS/cm Water temperature: 23.9 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 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/90 Time: 10:35
 Depth to water: Not available pH: 5.0
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 1 µS/cm Water temperature: 29.3 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 FB 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90 Time: 11:20
 Depth to water: Not available pH: 5.1
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 3 µS/cm Water temperature: 25.9 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 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 10:25
 Depth to water: Not available pH: 5.0
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 3 µS/cm Water temperature: 37.2 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 FB 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/90 Time: 10:00
 Depth to water: Not available pH: 4.7
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 4 µS/cm Water temperature: 25.9 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

NOTES

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 34 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 34. Flagging Criteria

Analyte	Unit	Flag 1		Flag 2	
		Criterion	Standard	Criterion	Standard
Aluminum	µg/L	80	~2 x BG	400	~10 x BG
Arsenic	µg/L	1	DL	25	½ EPA ^c
Barium	µg/L	50	~2 x BG	500	½ EPA ^c
Beryllium	µg/L	2	DL	20	10 x DL
Carbon tetrachloride	µg/L	1	DL	2.5	½ EPA ^d
Calcium	µg/L	10,000	BG		
Cadmium	µg/L	2	DL	5	½ EPA ^c
Chloride	µg/L	10,000	~2 x BG	125,000	½ EPA ^b
Chromium	µg/L	4	DL	25	½ EPA ^c
Copper	µg/L	20	~2 x BG	500	½ EPA ^b
Cyanide	µg/L	5	DL	100	½ USDWS
Endrin	µg/L	0.04	DL	0.10	½ EPA ^c
Fluoride	µg/L	500	1/8 EPA ^c	2,000	½ EPA ^c
Iron	µg/L	150	½ EPA ^b	300	EPA ^b
Lead	µg/L	20	~2 x BG	25	½ EPA ^c
Lindane	µg/L	0.018	DL	2	½ EPA ^c
Magnesium	µg/L	5,000	BG		
Manganese	µg/L	25	½ EPA ^b	50	EPA ^b
Mercury	µg/L	0.4	2 x DL	1	½ EPA ^c
Methoxychlor	µg/L	0.10	DL	50	½ EPA ^c
Nickel	µg/L	8	2 x DL	175	HP
Nitrate as nitrogen	µg/L	3,000	~2 x BG	10,000	EPA ^c
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 ^c
Silica	µg/L	10,000	BG		
Silver	µg/L	2	DL	25	½ EPA ^c
Silvex	µg/L	0.10	DL	5	½ EPA ^c
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 ^b
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		

~ = approximately.

BG = approximate background concentration at SRS.

DL = analytical detection limit.

EPA^b = drinking water standard (U.S. Environmental Protection Agency, 1986b).

EPA^c = drinking water standard (U.S. Environmental Protection Agency, 1987a).

EPA^d = drinking water standard (U.S. Environmental Protection Agency, 1987b).

HP = historical precedence.

USDWS = drinking water standard (U.S. Public Health Service, 1962).

FLAGGING CRITERIA

Table 34. Flagging Criteria (cont.)

<u>Analyte</u>	<u>Unit</u>	<u>Flag 1</u>		<u>Flag 2</u>	
		<u>Criterion</u>	<u>Standard</u>	<u>Criterion</u>	<u>Standard</u>
Toxaphene	μg/L	0.64	DL	2.5	½ EPA ^c
Zinc	μg/L	250	~2 x BG	2,500	½ EPA ^b
Antimony-125	pCi/L	30	1/10 EPA	150	½ EPA
Cobalt-60	pCi/L	10	1/10 EPA	50	½ EPA
Chromium-51	pCi/L	600	1/10 EPA	3,000	½ EPA
Cesium-134	pCi/L	10	1/8 EPA ^a	40	½ EPA ^a
Cesium-137	pCi/L	20	1/10 EPA	100	½ EPA
Gross alpha	pCi/L	5	~2 x BG	15	EPA ^c
Iodine-131	pCi/L	1	1/3 EPA	1.5	½ EPA
Nonvolatile beta	pCi/L	10	~2 x BG	50	~10 x BG
Ruthenium-103	pCi/L	20	1/10 EPA	100	½ EPA
Ruthenium-106	pCi/L	3	1/10 EPA	15	½ EPA
Strontium-89/90	pCi/L	4	DL	8	EPA
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	100	½ EPA

~ = approximately.

BG = approximate background concentration at SRS.

DL = analytical detection limit.

EPA = drinking water standard (U.S. Environmental Protection Agency, 1977).

EPA^a = drinking water standard (U.S. Environmental Protection Agency, 1986a).

EPA^b = drinking water standard (U.S. Environmental Protection Agency, 1986b).

EPA^c = drinking water standard (U.S. Environmental Protection Agency, 1987a).

NOTES

DRINKING WATER DATA

The analytical results of monitoring for radioactivity in drinking water from SRS wells are listed in Table 35. EPD/EMS Laboratory (EM) in Building 735-A conducted all analyses except those in parentheses, which were conducted by Teledyne (TE) in 241-24H.

Table 35. Drinking Water Data

<u>Sample Location</u>	<u>Sample Date</u>	<u>Analysis</u>	<u>Result</u>
A Area	05/15/90	Gross alpha	0.38 ±0.39 pCi/L
		Nonvolatile beta	1.34 ±0.84 pCi/L
		Tritium	0.21 ±0.22 pCi/mL
Allendale Gate	05/15/90	Gross alpha	0.23 ±0.36 pCi/L
		Nonvolatile beta	0.58 ±0.73 pCi/L
		Tritium	0.03 ±0.18 pCi/mL
Barnwell Gate	05/15/90	Gross alpha	0.34 ±0.34 pCi/L
		Nonvolatile beta	0.34 ±0.64 pCi/L
		Tritium	0.05 ±0.19 pCi/mL
Central Shops	05/15/90	Gross alpha	0.11 ±0.28 pCi/L
		Nonvolatile beta	0.58 ±0.72 pCi/L
		Tritium	1.60 ±0.24 pCi/mL
		Tritium	-0.22 ±0.14 pCi/mL
Classification Yard	05/15/90	Gross alpha	0.62 ±0.55 pCi/L
		Nonvolatile beta	1.79 ±0.96 pCi/L
		Tritium	-0.11 ±0.22 pCi/mL
Emergency Operations Center (EOC)	05/15/90	Gross alpha	0.55 ±0.40 pCi/L
		Nonvolatile beta	1.17 ±0.78 pCi/L
		Tritium	-0.06 ±0.21 pCi/mL
Firing Range	05/15/90	Gross alpha	2.92 ±0.93 pCi/L
		Nonvolatile beta	2.92 ±1.08 pCi/L
		Tritium	0.14 ±0.22 pCi/mL
Forestry Building	05/15/90	Gross alpha	3.82 ±1.05 pCi/L
		Nonvolatile beta	1.97 ±0.93 pCi/L
		Tritium	0.12 ±0.22 pCi/mL

DRINKING WATER DATA

Table 35. Drinking Water Data (cont.)

<u>Sample Location</u>	<u>Sample Date</u>	<u>Analysis</u>	<u>Result</u>
Jackson Gate	05/15/90	Gross alpha	1.02 ±0.54 pCi/L
		Nonvolatile beta	1.63 ±0.86 pCi/L
		Tritium	-0.07 ±0.19 pCi/mL
Par Pond Laboratory	05/15/90	Gross alpha	0.31 ±0.49 pCi/L
		Nonvolatile beta	0.73 ±0.80 pCi/L
		Tritium	2.29 ±0.24 pCi/mL
		Tritium	-0.16 ±0.14 pCi/mL
Talatha Gate	05/15/90	Gross alpha	5.89 ±1.36 pCi/L
		Nonvolatile beta	1.84 ±0.93 pCi/L
		Tritium	0.06 ±0.19 pCi/mL
TC-1 (704-B)	05/15/90	Gross alpha	0.65 ±0.44 pCi/L
		Nonvolatile beta	1.37 ±0.82 pCi/L
		Tritium	0.94 ±0.23 pCi/mL
		Tritium	-0.23 ±0.14 pCi/mL
TNX	05/15/90	Gross alpha	1.17 ±0.81 pCi/L
		Nonvolatile beta	4.31 ±1.38 pCi/L
		Tritium	0.12 ±0.22 pCi/mL
Williston Gate	05/15/90	Gross alpha	-0.14 ±0.25 pCi/L
		Nonvolatile beta	0.67 ±0.77 pCi/L
		Tritium	-0.11 ±0.18 pCi/mL
Z Area	05/15/90	Gross alpha	1.43 ±0.67 pCi/L
		Nonvolatile beta	2.07 ±0.96 pCi/L
		Tritium	0.22 ±0.19 pCi/mL
105-C Building	04/10/90	Gross alpha	3.08 ±1.20 pCi/L
		Gross alpha	1.85 ±0.70 pCi/L
		Nonvolatile beta	5.02 ±1.29 pCi/L
	05/15/90	Nonvolatile beta	1.48 ±0.86 pCi/L
		Tritium	0.08 ±0.14 pCi/mL
		Gross alpha	2.13 ±0.80 pCi/L
		Nonvolatile beta	1.35 ±0.84 pCi/L
		Tritium	0.57 ±0.23 pCi/mL
		06/12/90	Gross alpha
Nonvolatile beta	1.80 ±0.89 pCi/L		
Tritium	0.15 ±0.21 pCi/mL		
105-K Building	04/10/90	Gross alpha	1.90 ±0.96 pCi/L
		Gross alpha	0.83 ±0.49 pCi/L
		Nonvolatile beta	3.55 ±1.10 pCi/L
		Nonvolatile beta	2.13 ±0.96 pCi/L
		Tritium	2.14 ±0.16 pCi/mL
		Tritium	1.99 ±0.16 pCi/mL

DRINKING WATER DATA

Table 35. Drinking Water Data (cont.)

<u>Sample Location</u>	<u>Sample Date</u>	<u>Analysis</u>	<u>Result</u>
105-K Building (cont.)	05/15/90	Gross alpha	0.17 ±0.28 pCi/L
		Nonvolatile beta	2.09 ±0.95 pCi/L
		Tritium	0.12 ±0.22 pCi/mL
	06/12/90	Gross alpha	1.10 ±0.62 pCi/L
		Nonvolatile beta	2.64 ±1.03 pCi/L
		Tritium	0.29 ±0.21 pCi/mL
105-L Building	04/10/90	Gross alpha	0.40 ±0.47 pCi/L
		Nonvolatile beta	2.19 ±0.91 pCi/L
		Tritium	-0.02 ±0.14 pCi/mL
	05/15/90	Gross alpha	0.97 ±0.55 pCi/L
		Nonvolatile beta	1.73 ±0.90 pCi/L
		Tritium	1.55 ±0.24 pCi/mL
	06/12/90	Tritium	0.01 ±0.20 pCi/mL
		Gross alpha	0.63 ±0.48 pCi/L
		Nonvolatile beta	2.15 ±0.95 pCi/L
105-P Building	04/10/90	Tritium	0.14 ±0.21 pCi/mL
		Gross alpha	1.48 ±0.84 pCi/L
		Gross alpha	0.16 ±0.25 pCi/L
		Nonvolatile beta	1.82 ±0.87 pCi/L
		Nonvolatile beta	2.05 ±0.98 pCi/L
	05/15/90	Tritium	-0.07 ±0.14 pCi/mL
		Gross alpha	0.18 ±0.28 pCi/L
		Nonvolatile beta	1.66 ±0.88 pCi/L
		Tritium	3.07 ±0.26 pCi/mL
		Tritium	0.02 ±0.20 pCi/mL
		Gross alpha	0.54 ±0.45 pCi/L
		Nonvolatile beta	2.50 ±1.00 pCi/L
06/12/90	Tritium	0.34 ±0.21 pCi/mL	
	Gross alpha	0.34 ±0.21 pCi/mL	
221-F Building	04/10/90	Tritium	0.34 ±0.21 pCi/mL
		Gross alpha	3.55 ±1.43 pCi/L
		Nonvolatile beta	5.20 ±1.35 pCi/L
	05/15/90	Tritium	0.01 ±0.14 pCi/mL
		Gross alpha	2.62 ±0.97 pCi/L
		Nonvolatile beta	3.22 ±1.16 pCi/L
	06/12/90	Tritium	0.06 ±0.19 pCi/mL
		Gross alpha	5.22 ±1.48 pCi/L
		Nonvolatile beta	4.77 ±1.32 pCi/L
221-H Building	04/10/90	Tritium	0.21 ±0.21 pCi/mL
		Gross alpha	3.98 ±1.39 pCi/L
		Nonvolatile beta	6.23 ±1.44 pCi/L
	05/15/90	Tritium	0.14 ±0.14 pCi/mL
		Gross alpha	4.13 ±1.15 pCi/L
		Nonvolatile beta	5.25 ±1.43 pCi/L
		Tritium	0.03 ±0.19 pCi/mL

DRINKING WATER DATA

Table 35. Drinking Water Data (cont.)

<u>Sample Location</u>	<u>Sample Date</u>	<u>Analysis</u>	<u>Result</u>
221-H Building (cont.)	06/12/90	Gross alpha	1.33 ±0.67 pCi/L
		Nonvolatile beta	2.61 ±1.02 pCi/L
		Tritium	0.16 ±0.20 pCi/mL
241-24H	06/01/90	Gross alpha (EM)	6.78 ±1.85 pCi/L
		Gross alpha (TE)	1.80 ±1.00 pCi/L
		Barium-140 (TE)	<40.0 pCi/L
		Nonvolatile beta (EM)	9.09 ±1.99 pCi/L
		Nonvolatile beta (TE)	5.70 ±1.40 pCi/L
		Beryllium-7 (TE)	<60.0 pCi/L
		Cerium-141 (TE)	<20.0 pCi/L
		Cerium-144 (TE)	<30.0 pCi/L
		Cobalt-58 (TE)	<6.0 pCi/L
		Cobalt-60 (TE)	<5.0 pCi/L
		Cesium-134 (TE)	<5.0 pCi/L
		Cesium-137 (TE)	<5.0 pCi/L
		Iron-59 (TE)	<10.0 pCi/L
		Iodine-131 (TE)	<200 pCi/L
		Manganese-54 (TE)	<5.0 pCi/L
		Neptunium-237 (TE)	<9.0 pCi/L
		Potassium-40 (TE)	<100 pCi/L
		Radium-226 (TE)	<80.0 pCi/L
		Radium-226 (TE)	<1.0 pCi/L
		Radium-228 (TE)	3.3 ±1.6 pCi/L
		Ruthenium-103 (TE)	<9.0 pCi/L
		Ruthenium-106 (TE)	<40.0 pCi/L
		Strontium-89 (TE)	<4.0 pCi/L
		Strontium-90 (TE)	<2.0 pCi/L
		Thorium-228 (TE)	<8.0 pCi/L
		Tritium (TE)	<1.0 pCi/mL
		Zinc-65 (TE)	<10.0 pCi/L
Zirconium-95 (TE)	<7.0 pCi/L		
617-G Wackenhut Training Facility	05/15/90	Gross alpha	1.41 ±0.64 pCi/L
		Nonvolatile beta	1.41 ±0.84 pCi/L
		Tritium	0.08 ±0.19 pCi/mL
		Tritium	1.61 ±0.22 pCi/mL
681-1G Pump House	05/15/90	Gross alpha	0.58 ±0.47 pCi/L
		Nonvolatile beta	4.84 ±1.39 pCi/L
		Tritium	-0.04 ±0.22 pCi/mL
681-3G Pump House	05/15/90	Gross alpha	1.06 ±0.59 pCi/L
		Nonvolatile beta	3.88 ±1.23 pCi/L
		Tritium	-0.01 ±0.22 pCi/mL

DRINKING WATER DATA

Table 35. Drinking Water Data (cont.)

<u>Sample Location</u>	<u>Sample Date</u>	<u>Analysis</u>	<u>Result</u>
701-1F Building	04/10/90	Gross alpha	4.83 ±1.65 pCi/L
		Nonvolatile beta	5.39 ±1.37 pCi/L
		Tritium	-0.12 ±0.14 pCi/mL
	06/12/90	Gross alpha	3.25 ±1.19 pCi/L
		Nonvolatile beta	3.96 ±1.26 pCi/L
		Tritium	0.12 ±0.21 pCi/mL
701-1H	04/10/90	Gross alpha	3.17 ±1.24 pCi/L
		Nonvolatile beta	7.19 ±1.55 pCi/L
		Tritium	0.01 ±0.14 pCi/mL
	06/12/90	Gross alpha	5.09 ±1.36 pCi/L
		Nonvolatile beta	6.36 ±1.56 pCi/L
		Tritium	0.18 ±0.20 pCi/mL
701-12G Barricade 7	05/15/90	Gross alpha	0.09 ±0.23 pCi/L
		Nonvolatile beta	1.23 ±0.81 pCi/L
		Tritium	0.05 ±0.18 pCi/mL
		Tritium	1.70 ±0.22 pCi/mL
701-13G Barricade 6	05/15/90	Gross alpha	0.32 ±0.32 pCi/L
		Nonvolatile beta	0.90 ±0.73 pCi/L
		Tritium	-0.16 ±0.18 pCi/mL
		Tritium	2.37 ±0.23 pCi/mL
701-8G Barricade 8	05/15/90	Gross alpha	0.32 ±0.32 pCi/L
		Nonvolatile beta	0.66 ±0.69 pCi/L
		Tritium	-0.03 ±0.19 pCi/mL
		Tritium	3.37 ±0.24 pCi/mL
704-F Building	05/15/90	Gross alpha	2.92 ±1.05 pCi/L
		Nonvolatile beta	3.09 ±1.15 pCi/L
		Tritium	-0.08 ±0.19 pCi/mL
704-H Building	05/15/90	Gross alpha	3.47 ±1.04 pCi/L
		Nonvolatile beta	5.82 ±1.51 pCi/L
		Tritium	1.06 ±0.20 pCi/mL
		Tritium	-0.13 ±0.20 pCi/mL
704-S DWPF	05/15/90	Gross alpha	4.85 ±1.25 pCi/L
		Nonvolatile beta	6.52 ±1.61 pCi/L
		Tritium	0.05 ±0.19 pCi/mL

NOTES

ANALYTICAL RESULTS

This section presents the field and analytical results for samples collected during second 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.

$\mu\text{g/L}$ = micrograms per liter

$\mu\text{S/cm}$ = microsiemens per centimeter (equivalent to micromhos per centimeter)

B = analyte detected in associated blank as well as in sample

E = exponential notation (e.g., $200000 \pm 20\text{E}3$ pCi/mL = 200000 ± 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: 05/19/90
 Depth to water: 141.39 ft (43.10 m) below TOC
 Water elevation: 218.51 ft (66.80 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 119 gal

Time: 11:10
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	B 0.12	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	<0.40	µg/L	MT
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	0.58	µg/L	MT
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	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 141.39 ft (43.10 m) below TOC
 Water elevation: 218.51 ft (66.80 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 119 gal

Time: 11:10
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.4°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 ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 155.17 ft (47.30 m) below TOC
 Water elevation: 216.73 ft (66.08 m) msl
 Sp. conductance: 16 µS/cm
 Water evacuated before sampling: 93 gal

Time: 12:25
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 20.3°C

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	17	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 133.85 ft (40.74 m) below TOC
 Water elevation: 220.05 ft (67.07 m) msl
 Sp. conductance: 18 µS/cm
 Water evacuated before sampling: 34 gal

Time: 13:25
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<10	µg/L	MA
0	Tetrachloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	22	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 158.94 ft (48.45 m) below TOC
 Water elevation: 195.56 ft (59.61 m) msl
 Sp. conductance: 91 µS/cm
 Water evacuated before sampling: 100 gal

Time: 14:10
 pH: 6.6
 Alkalinity: 24 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
1	pH	6.7	pH	GE
0	Specific conductance	95	µS/cm	GE
0	Specific conductance	95	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Barium	19	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,040	µg/L	GE
0	Calcium	8,780	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	6.5	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	8.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	512	µg/L	GE
0	Magnesium	482	µg/L	GE
1	Manganese	35	µg/L	GE
1	Manganese	36	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nitrate as nitrogen	4,100	µg/L	GE
1	Nitrate as nitrogen	3,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,710	µg/L	GE
0	Potassium	2,630	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,530	µg/L	GE
0	Silica	6,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,840	µg/L	GE
1	Sodium	5,390	µg/L	GE
0	Sulfate	1,000	µg/L	GE
0	Sulfate	1,000	µg/L	GE
2	Tetrachloroethylene	16	µg/L	MA
0	Total dissolved solids	91,000	µg/L	GE
0	Total dissolved solids	102,000	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	27	µg/L	GE
2	Total organic halogens	27	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 3C collected on 05/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total phosphates	130	µg/L	GE
0	Total phosphates	110	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	31	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.9±2.5	pCi/L	GE
0	Nonvolatile beta	3.0±2.5	pCi/L	GE
0	Total radium	1.0±2.2	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 ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 143.14 ft (45.15 m) below TOC
 Water elevation: 216.16 ft (65.89 m) msl
 So. conductance: 23 µS/cm
 Water evacuated before sampling: 88 gal

Time: 11:50
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
1	Tetrachloroethylene	2.5	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	6.3	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 176.44 ft (53.78 m) below TOC
 Water elevation: 195.66 ft (59.64 m) msl
 Sp. conductance: 1872 µS/cm
 Water evacuated before sampling: 2 gal
 The well went dry during purging

Time: 18:20
 pH: 11.9
 Alkalinity: 599 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
1	Specific conductance	3,800	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	196	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	56,000	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
1	Chromium	4.9	µg/L	GE
0	Fluoride	190	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	320	µg/L	GE
1	Phenols	71	µg/L	GE
1	Potassium	74,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	63,000	µg/L	GE
1	Sulfate	76,900	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	1.05E+6	µg/L	GE
1	Total organic carbon	5,000	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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
1	1,1,1-Trichloroethane	2.0	µg/L	MA
0	Gross alpha	<2.0	pCi/L	GE
2	Nonvolatile beta	184±20	pCi/L	GE
2	Total radium	6.2±4.5	pCi/L	GE

WELL ABP 8C collected on 05/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tritium	<0.70	pCi/mL	GE

WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 154.05 ft (46.96 m) below TOC
 Water elevation: 218.85 ft (66.10 m) msl
 The well pumped dry before sampling could be done.

Time: 12:00

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 101.88 ft (31.08 m) below TOC
 Water elevation: 222.82 ft (67.82 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 98 gal

Time: 11:15
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
1	Tetrachloroethylene	2.7	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
1	Trichloroethylene	2.3	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 50.84 ft (15.50 m) below TOC
 Water elevation: 211.26 ft (64.39 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 180 gal

Time: 13:05
 pH: 5.1
 Alkalinity: 3 mg/L
 Water temperature: 18.6°C

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 35 gal

Time: 12:55
 pH: 5.5
 Alkalinity: 3 mg/L
 Water temperature: 18.9°C

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: 125.63 ft (38.29 m) below TOC
 Water elevation: 219.07 ft (66.77 m) msl
 Sp. conductance: 34 µS/cm
 Water evacuated before sampling: 268 gal

Time: 13:45
 pH: 5.5
 Alkalinity: 8 mg/L
 Water temperature: 19.2°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

ANALYTICAL RESULTS

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 24 gal

Time: 13:50
 pH: 4.9
 Alkalinity: 2 mg/L
 Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Tetrachloroethylene	30	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 94.97 ft (28.95 m) below TOC
 Water elevation: 207.33 ft (63.19 m) msl
 Sp. conductance: 46 µS/cm
 Water evacuated before sampling: 148 gal

Time: 14:00
 pH: 6.0
 Alkalinity: 13 mg/L
 Water temperature: 19.4°C

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 93.36 ft (28.46 m) below TOC
 Water elevation: 209.14 ft (63.75 m) msl
 Sp. conductance: 80 µS/cm
 Water evacuated before sampling: 277 gal

Time: 14:05
 pH: 9.3
 Alkalinity: 34 mg/L
 Water temperature: 19.0°C

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 124.93 ft (38.08 m) below TOC
 Water elevation: 234.67 ft (71.53 m) msl
 Sp. conductance: 71 µS/cm
 Water evacuated before sampling: 44 gal

Time: 13:45
 pH: 6.0
 Alkalinity: 14 mg/L
 Water temperature: 21.3°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 ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 114.41 ft (34.87 m) below TOC
 Water elevation: 235.39 ft (71.75 m) msl
 Sp. conductance: 47 µS/cm
 Water evacuated before sampling: 78 gal

Time: 14:05
 pH: 5.5
 Alkalinity: 2 mg/L
 Water temperature: 20.6°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

WELL ACB 2A collected on 05/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	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 ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 112.56 ft (34.31 m) below TOC
 Water elevation: 235.74 ft (71.85 m) msl
 Sp. conductance: 180 µS/cm
 Water evacuated before sampling: 77 gal

Time: 14:25
 pH: 5.2
 Alkalinity: 2 mg/L
 Water temperature: 20.8°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	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 ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 122.80 ft (37.43 m) below TOC
 Water elevation: 236.30 ft (72.03 m) msl
 Sp. conductance: 277 µS/cm
 Water evacuated before sampling: 64 gal

Time: 14:45
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 21.0°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

ANALYTICAL RESULTS

WELL ACB 4A collected on 05/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	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
1	Tetrachloroethylene	4.0	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	6.0	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-Dichloroethene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethene	< 1.0	µg/L	MA
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethene	< 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 AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90 Time: 14:25
 Depth to water: 148.26 ft (45.19 m) below TOC pH: 6.2
 Water elevation: 232.14 ft (70.76 m) msl Alkalinity: 13 mg/L
 Sp. conductance: 88 µS/cm Water temperature: 20.0°C
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	88	µS/cm	GE
0	Specific conductance	86	µS/cm	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	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	5,210	µg/L	GE
0	Calcium	5,570	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,400	µg/L	GE
0	Chloride	3,400	µg/L	GE
1	Chloroform	7.0	µg/L	GE
1	Chloroform	8.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
1	Chromium	4.1	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	76	µg/L	GE
0	Iron	76	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	381	µg/L	GE
0	Magnesium	369	µg/L	GE
1	Manganese	31	µg/L	GE
1	Manganese	33	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE

WELL AMB 4 collected on 05/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel	7.2	µg/L	GE
0	Nickel	8.8	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	GE
0	Nitrate as nitrogen	500	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	702	µg/L	GE
0	Potassium	743	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,780	µg/L	GE
0	Silica	7,480	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	8,480	µg/L	GE
1	Sodium	8,800	µg/L	GE
0	Sulfate	6,000	µg/L	GE
0	Sulfate	5,800	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Tetrachloroethylene	< 10	µg/L	MA
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	52	µg/L	GE
2	Total organic halogens	48	µg/L	GE
1	Total phosphates	810	µg/L	GE
1	Total phosphates	810	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	74	µg/L	GE
2	Trichloroethylene	82	µg/L	GE
2	Trichloroethylene	67	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	2.2 ± 2.4	pCi/L	GE
0	Nonvolatile beta	2.1 ± 2.4	pCi/L	GE
0	Total radium	1.7 ± 2.4	pCi/L	GE
0	Total radium	1.5 ± 2.3	pCi/L	GE

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90 Time: 10:20
 Depth to water: 147.52 ft (44.96 m) below TOC pH: 4.9
 Water elevation: 232.08 ft (70.74 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 43 µS/cm Water temperature: 19.7°C
 Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	402	µg/L	GE
2	Carbon tetrachloride	3.0	µg/L	GE
0	Chloride	3,800	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 10	µg/L	MA
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	Fluoride	< 100	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	Magnesium	424	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,040	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 5 collected on 05/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,590	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	6,170	µg/L	GE
0	Sulfate	1,000	µg/L	GE
2	Tetrachloroethylene	15	µg/L	GE
2	Tetrachloroethylene	10	µg/L	MA
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	121	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	175	µg/L	GE
2	Trichloroethylene	198	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	2.6 ± 2.2	pCi/L	GE
0	Nonvolatile beta	2.5 ± 3.4	pCi/L	GE
2	Total radium	6.6 ± 4.5	pCi/L	GE

WELL AMB 6 collected on 04/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	507	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silica	7,030	µg/L	GE
1	Silver	4.1	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	6,780	µg/L	GE
1	Sodium	6,990	µg/L	GE
0	Sulfate	3,000	µg/L	GE
0	Sulfate	3,300	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 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	80	µg/L	GE
0	Total phosphates	70	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
2	Trichloroethylene	6.9	µg/L	GE
2	Trichloroethylene	9.6	µg/L	GE
2	Trichloroethylene	7.4	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	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 radium	2.6 ± 3.5	pCi/L	GE
0	Total radium	1.7 ± 3.3	pCi/L	GE

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90
 Depth to water: 145.41 ft (44.32 m) below TOC
 Water elevation: 231.79 ft (70.65 m) msl
 Sp. conductance: 42 µS/cm
 Water evacuated before sampling: 25 gal

Time: 11:45
 pH: 5.2
 Alkalinity: 8 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<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	298	µg/L	GE
0	Calcium	292	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,300	µg/L	GE
0	Chloride	3,300	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	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	64	µg/L	GE
0	Iron	62	µg/L	GE
0	Lead	6.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	59	µg/L	GE
0	Magnesium	59	µg/L	GE
0	Manganese	5.2	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 137.35 ft (41.86 m) below TOC
 Water elevation: 232.55 ft (70.88 m) msl
 Sp. conductance: 77 µS/cm
 Water evacuated before sampling: 29 gal

Time: 15:35
 pH: 6.1
 Alkalinity: 9 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	64	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,470	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,800	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<2.5	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	22	µg/L	GE
0	Lead	6.2	µg/L	GE
0	Magnesium	246	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	170	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	648	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,320	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	10,400	µg/L	GE
0	Sulfate	4,600	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<2.5	µg/L	MA

ANALYTICAL RESULTS

WELL AMB 7 collected on 05/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
1	Total phosphates	560	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 2.5	µg/L	MA
0	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	8.0	µg/L	GE
0	1,1,1-Trichloroethane	< 2.5	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 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90 Time: 10:50
 Depth to water: 137.59 ft (-1.94 m) below TOC pH: 5.4
 Water elevation: 232.01 ft (70.72 m) msl Alkalinity: 8 mg/L
 Sp. conductance: 38 µS/cm Water temperature: 19.5°C
 Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	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	646	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	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	25	µg/L	GE
0	Lead	3.3	µg/L	GE
0	Magnesium	139	µg/L	GE
0	Manganese	6.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	4,970	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	5,740	µg/L	GE
0	Sulfate	1,700	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	25,000	µg/L	GE
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	11	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	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 0.70	pCi/ml	GE

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90 Time: 11:20
 Depth to water: 135.70 ft (41.36 m) below TOC pH: 5.5
 Water elevation: 232.20 ft (70.78 m) msl Alkalinity: 12 mg/L
 Sp. conductance: 48 µS/cm Water temperature: 19.0°C
 Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	43	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	409	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	< 1.0	µg/L	GE
0	Chloroform	2,900	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	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	10	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	96	µg/L	GE
0	Manganese	5.7	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,320	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	7,150	µg/L	GE
0	Sulfate	3,100	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	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	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 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90 Time: 12:25
 Depth to water: 132.36 ft (40.34 m) below TOC pH: 6.0
 Water elevation: 233.14 ft (71.06 m) msl Alkalinity: 20 mg/L
 Sp. conductance: 73 µS/cm Water temperature: 18.2°C
 Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	pH	5.9	pH	GE
0	Specific conductance	68	µS/cm	MT
0	Specific conductance	68	µS/cm	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	11	µg/L	MT
0	Barium	12	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,570	µg/L	MT

ANALYTICAL RESULTS

WELL AMB 10D collected on 05/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Calcium	2,560	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,810	µg/L	MT
0	Chloride	2,800	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	32	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	5.0	µg/L	GE
0	Magnesium	123	µg/L	MT
0	Magnesium	103	µg/L	GE
0	Manganese	20	µg/L	MT
0	Manganese	18	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	110	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,300	µg/L	MT
0	Potassium	1,080	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,720	µg/L	MT
0	Silica	4,590	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
1	Sodium	9,050	µg/L	MT
0	Sodium	8,740	µg/L	GE
0	Sulfate	5,100	µg/L	MT
0	Sulfate	5,400	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	44,000	µg/L	MT
0	Total dissolved solids	73,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 0.40	µg/L	MT
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	< 0.40	µg/L	MT
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	< 0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Gross alpha	< 3.0	pCi/l	MT
0	Gross alpha	< 2.0	pCi/l	GE
0	Nonvolatile beta	< 5.0	pCi/l	MT
0	Nonvolatile beta	< 2.0	pCi/l	GE
0	Total radium	< 1.0	pCi/l	MT
0	Total radium	1.2 ± 0.40	pCi/l	MT
1	Total radium	2.7 ± 2.4	pCi/l	GE
0	Tritium	< 1.0	pCi/ml	MT
0	Tritium	< 0.70	pCi/ml	GE

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 05/18/90 Time: 12:25
 Depth to water: 132.36 ft (40.34 m) below TOC pH: 8.0
 Water elevation: 233.14 ft (71.06 m) msl Alkalinity: 20 mg/L
 Sp. conductance: 73 µS/cm Water temperature: 18.2°C
 Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	pH	5.9	pH	GE
0	Specific conductance	70	µS/cm	MT
0	Specific conductance	87	µS/cm	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	11	µg/L	MT
0	Barium	8.4	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,550	µg/L	MT
0	Calcium	2,410	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,830	µg/L	MT
0	Chloride	2,800	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
1	Chromium	7.8	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Iron	27	µg/L	MT
0	Iron	19	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	3.5	µg/L	GE
0	Magnesium	119	µg/L	MT
0	Magnesium	91	µg/L	GE
0	Manganese	20	µg/L	MT
0	Manganese	16	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrate as nitrogen	110	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,200	µg/L	MT
0	Potassium	949	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,960	µg/L	MT
0	Silica	3,830	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
1	Sodium	9,430	µg/L	MT
1	Sodium	7,490	µg/L	GE
0	Sulfate	5,050	µg/L	MT
0	Sulfate	5,800	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	40,000	µg/L	MT
0	Total dissolved solids	73,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	19	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	Trichloroethylene	< 0.40	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA

ANALYTICAL RESULTS

WELL AMB 10D collected on 05/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
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	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	3.0±2.2	pCi/L	GE
0	Total radium	1.0±0.30	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<1.0	pCi/ml	MT
0	Tritium	<0.70	pCi/ml	GE

WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90
 Depth to water: 7.52 ft (2.29 m) below TOC
 Water elevation: 357.88 ft (109.08 m) msl
 Sp. conductance: 129 µS/cm
 Water evacuated before sampling: 52 gal

Time: 12:00
 pH: 6.5
 Alkalinity: 49 mg/L
 Water temperature: 17.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
1	Specific conductance	110	µS/cm	GE
1	Arsenic	3.8	µg/L	GE
0	Barium	7.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,160	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	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	4,470	µg/L	GE
0	Lead	5.3	µg/L	GE
0	Magnesium	273	µg/L	GE
2	Manganese	176	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,230	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	15,700	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 dissolved solids	91,000	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	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	1.4±2.1	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90
 Depth to water: 130.25 ft (39.70 m) below TOC
 Water elevation: 233.75 ft (71.25 m) msl
 Sp. conductance: 134 µS/cm
 Water evacuated before sampling: 85 gal

Time: 13:45
 pH: 8.2
 Alkalinity: 18 mg/L
 Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.9	pH	GE
1	Specific conductance	109	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,080	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,700	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	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	3.8	µg/L	GE
0	Magnesium	81	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	6,430	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 dissolved solids	86,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	80	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	1.4±2.1	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90
 Depth to water: 137.19 ft (41.82 m) below TOC
 Water elevation: 232.61 ft (70.90 m) msl
 Sp. conductance: 62 µS/cm
 Water evacuated before sampling: 42 gal

Time: 12:30
 pH: 5.7
 Alkalinity: 19 mg/L
 Water temperature: 20.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
0	Specific conductance	71	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,830	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	<1.0	µg/L	MA
1	Chromium	4.8	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 12D collected on 04/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	81	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	282	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	710	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,820	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,330	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	9,800	µg/L	GE
0	Sulfate	2,400	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
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	3.3±3.6	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	0.97±0.30	pCi/mL	GE

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 106.96 ft (32.60 m) below TOC
 Water elevation: 234.14 ft (71.37 m) msl
 Sp. conductance: 45 µS/cm
 Water evacuated before sampling: 41 gal

Time: 17:50
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
2	Tetrachloroethylene	75	µg/L	MA
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	76	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 111.23 ft (33.90 m) below TOC
 Water elevation: 234.17 ft (71.38 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 36 gal

Time: 18:40
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 21.4°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 AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 115.26 ft (35.13 m) below TOC
 Water elevation: 237.34 ft (72.34 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 8:55
 pH: 5.6
 Alkalinity: 1 mg/L
 Water temperature: 18.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.9	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,920	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	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	321	µg/L	GE
0	Manganese	4.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	450	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,780	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	2,200	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	17,000	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	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	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	2.1±2.3	pCi/L	GE
0	Tritium	1.4±0.30	pCi/mL	GE

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 38 gal

Time: 9:50
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 19.9°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
2	Trichloroethylene	9.2	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 ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 123.08 ft (37.52 m) below TOC
 Water elevation: 214.22 ft (65.30 m) msl
 Sp. conductance: 19 µS/cm
 Water evacuated before sampling: 64 gal

Time: 10:15
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 19.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Tetrachloroethylene	0.62	µg/L	MT
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	0.71	µg/L	MT
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	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 123.08 ft (37.52 m) below TOC
 Water elevation: 214.22 ft (65.30 m) msl
 Sp. conductance: 19 µS/cm
 Water evacuated before sampling: 64 gal

Time: 10:15
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 19.7°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 ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 123.76 ft (37.72 m) below TOC
 Water elevation: 218.04 ft (65.85 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 79 gal

Time: 10:40
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<10	µg/L	MA
2	Tetrachloroethylene	56	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	757	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 40 gal

Time: 9:30
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.8°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
1	Trichloroethylene	1.7	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 71 µS/cm
 Water evacuated before sampling: 49 gal

Time: 11:50
 pH: 5.2
 Alkalinity: 4 mg/L
 Water temperature: 22.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Specific conductance	64	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Barium	3.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	792	µg/L	GE
0	Calcium	708	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,200	µg/L	GE
0	Chloride	5,200	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	8.0	µg/L	GE
0	Copper	7.0	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	13	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	4.5	µg/L	GE
0	Lead	3.7	µg/L	GE
0	Magnesium	212	µg/L	GE
0	Magnesium	190	µg/L	GE
0	Manganese	18	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	250	µg/L	GE
0	Nitrate as nitrogen	250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,890	µg/L	GE
0	Silica	2,440	µg/L	GE
0	Silver	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 1A collected on 05/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
1	Sodium	10,800	µg/L	GE
1	Sodium	9,510	µg/L	GE
1	Sulfate	11,900	µg/L	GE
1	Sulfate	13,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	3.6	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
1	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	1.7	µg/L	MA
0	Zinc	4.3	µg/L	GE
0	Zinc	3.1	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	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 radium	2.5 ± 3.5	pCi/L	GE
0	Total radium	2.1 ± 3.4	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90
 Depth to water: 112.81 ft (34.38 m) below TOC
 Water elevation: 236.19 ft (71.99 m) msl
 Sp. conductance: 86 µS/cm
 Water evacuated before sampling: 50 gal

Time: 12:15
 pH: 5.6
 Alkalinity: 13 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	83	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,810	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,400	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	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	41	µg/L	GE
0	Lead	15	µg/L	GE
0	Magnesium	426	µg/L	GE
0	Manganese	7.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,770	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	13,700	µg/L	GE
1	Sulfate	11,800	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Tetrachloroethylene	1.5	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL ASB 2A collected on 05/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	4.4	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	2.4 ± 2.2	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	2.1 ± 3.4	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90
 Depth to water: 108.57 ft (33.09 m) below TOC
 Water elevation: 236.43 ft (72.06 m) msl
 Sp. conductance: 79 µS/cm
 Water evacuated before sampling: 48 gal

Time: 13:40
 pH: 5.8
 Alkalinity: 18 mg/L
 Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	72	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,980	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,500	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	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	82	µg/L	GE
0	Lead	5.3	µg/L	GE
0	Magnesium	619	µg/L	GE
0	Manganese	2.4	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	190	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,010	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	10,800	µg/L	GE
0	Sulfate	5,800	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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	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	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total radium	3.3 ± 2.5	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

ANALYTICAL RESULTS

WELL ASB 4

WELL ASB 4 collected on 05/12/90, Laboratory analyses (continued)

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90 Time: 12:45
 Depth to water: 100.53 ft (30.84 m) below TOC pH: 5.5
 Water elevation: 235.07 ft (71.65 m) msl Alkalinity: 8 mg/L
 Sp. conductance: 57 µS/cm Water temperature: 22.8°C
 Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	Specific conductance	59	µS/cm	GE
0	Specific conductance	58	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Barium	9.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,080	µg/L	GE
0	Calcium	1,080	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	5.1	µg/L	GE
0	Copper	5.5	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	12	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	575	µg/L	GE
0	Magnesium	613	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,470	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	8,280	µg/L	GE
1	Sodium	8,620	µg/L	GE
0	Sulfate	6,400	µg/L	GE
0	Sulfate	6,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
1	Total organic carbon	6,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<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
1	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	2.5	µg/L	MA
0	Zinc	12	µg/L	GE
0	Zinc	13	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA

Flag	Analyte	Result	Unit	Lab
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	<80	pCi/L	TE
0	Beryllium-7	<80	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	<0.40	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Gross alpha	2.3 ± 2.1	pCi/L	GE
0	Gross alpha	2.3 ± 2.1	pCi/L	GE
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	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Plutonium-238	<0.50	pCi/L	TE
0	Plutonium-239/240	<0.80	pCi/L	TE
0	Plutonium-242	<0.70	pCi/L	TE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
1	Radium-228	1.2 ± 0.50	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<3.0	pCi/L	TE
0	Thorium-232	<7.0	pCi/L	TE
0	Total radium	1.8 ± 3.4	pCi/L	GE
0	Total radium	1.8 ± 3.3	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE
0	Uranium-234	<2.0	pCi/L	TE
0	Uranium-235	<1.0	pCi/L	TE
0	Uranium-238	<2.0	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90 Time: 16:35
 Depth to water: 109.65 ft (33.42 m) below TOC pH: 5.2
 Water elevation: 235.35 ft (71.74 m) msl Alkalinity: 3 mg/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	pH	5.5	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	46	µS/cm	GE
0	Specific conductance	46	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,780	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,200	µg/L	GE
0	Chloride	5,300	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 5A collected on 05/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	23	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	887	µg/L	GE
0	Magnesium	883	µg/L	GE
0	Manganese	7.7	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Mercury	<0.20	µg/L	GF
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.3	µg/L	GE
0	Nickel	4.4	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
1	Phenols	11	µg/L	GE
0	Phenols	8.0	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	3,840	µg/L	GE
0	Silica	3,880	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,980	µg/L	GE
0	Sodium	4,220	µg/L	GE
0	Sulfate	8,000	µg/L	GE
0	Sulfate	5,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Tetrachloroethylene	1.4	µg/L	MA
0	Total organic carbon	4,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total 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
2	Trichloroethylene	5.0	µg/L	GE
2	Trichloroethylene	4.0	µg/L	GE
2	Trichloroethylene	4.0	µg/L	MA
0	Zinc	3.7	µg/L	GE
0	Zinc	3.3	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)	<0.080	µg/L	GE
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	Gross alpha	3.1 ± 2.7	pCi/L	GE
0	Gross alpha	3.5 ± 2.7	pCi/L	GE
0	Nonvolatile beta	2.5 ± 4.2	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	2.3 ± 3.4	pCi/L	GE
0	Total radium	2.3 ± 3.4	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE
0	Tritium	<0.70	pCi/ml	GE

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90
 Depth to water: 115.43 ft (35.18 m) below TOC
 Water elevation: 234.77 ft (71.58 m) msf
 Sp. conductance: 81 µS/cm
 Water evacuated before sampling: 43 gal

Time: 15:40
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	88	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE

WELL ASB 6A collected on 05/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	881	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,800	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	Copper	7.1	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	275	µg/L	GE
1	Lead	21	µg/L	GE
0	Magnesium	383	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	40	µg/L	GE
0	Nitrate as nitrogen	1,880	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,880	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	12,800	µg/L	GE
1	Sulfate	11,100	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
1	Tetrachloroethylene	2.2	µg/L	MA
0	Total organic carbon	4,000	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	MA
0	Trichloroethylene	<1.0	µg/L	GE
1	Trichloroethylene	1.1	µg/L	MA
0	Zinc	8.9	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)	<0.080	µg/L	GE
0	Gross alpha	2.8 ± 2.2	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total radium	3.8 ± 3.0	pCi/L	GE
0	Tritium	3.5 ± 0.40	pCi/ml	GE

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 137.75 ft (41.98 m) below TOC
 Water elevation: 216.45 ft (65.97 m) msf
 Sp. conductance: 263 µS/cm
 Water evacuated before sampling: 450 gal

Time: 14:00
 pH: 10.9
 Alkalinity: 58 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<25	µg/L	MA
0	Tetrachloroethylene	<25	µg/L	MA
0	trans-1,2-Dichloroethene	<25	µg/L	MA
2	Trichloroethylene	3,080	µg/L	MA
0	1,1-Dichloroethylene	<25	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: 119.88 ft (36.58 m) below TOC
 Water elevation: 233.44 ft (71.15 m) msf
 Sp. conductance: 103 µS/cm
 Water evacuated before sampling: 63 gal

Time: 17:10
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	5.2	pH	GE
0	Specific conductance	88	µS/cm	MT

ANALYTICAL RESULTS

WELL ASB 7 collected on 05/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Specific conductance	3.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	5.2	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	MT
0	Calcium	1,180	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,700	µg/L	MT
0	Chloride	8,600	µg/L	GE
0	Chloroform	<0.40	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	10	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	145	µg/L	GE
0	Lead	5.3	µg/L	MT
0	Lead	5.2	µg/L	GE
0	Magnesium	514	µg/L	MT
0	Magnesium	458	µg/L	GE
1	Manganese	31	µg/L	MT
1	Manganese	31	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,360	µg/L	MT
0	Nitrate as nitrogen	1,430	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	<800	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	5,360	µg/L	MT
0	Silica	4,660	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	10,800	µg/L	MT
1	Sodium	10,800	µg/L	GE
0	Sulfate	8,100	µg/L	MT
0	Sulfate	9,800	µg/L	GE
1	Tetrachloroethylene	3.1	µg/L	MT
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	2.7	µg/L	MA
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	MA
0	Total organic halogens	9.1	µg/L	MT
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates	13	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	4.7	µg/L	MT
2	Trichloroethylene	4.0	µg/L	GE
2	Trichloroethylene	3.2	µg/L	MA
0	Zinc	<10	µg/L	MT
0	Zinc	6.1	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
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	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.090	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	<20	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE

WELL ASB 7 collected on 05/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<0.40	pCi/L	TE
0	Curium-243/244	<0.50	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Gross alpha	4.1±2.0	pCi/L	MT
1	Gross alpha	5.2±2.8	pCi/L	GE
0	Iodine-131	<400	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<7.0	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	2.9±3.8	pCi/L	GE
0	Plutonium-238	<0.70	pCi/L	TE
0	Plutonium-239/240	<0.60	pCi/L	TE
0	Plutonium-242	<1.0	pCi/L	TE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<70	pCi/L	TE
1	Radium-226	1.5±0.50	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<9.0	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	<6.0	pCi/L	TE
1	Total radium	2.9±0.50	pCi/L	MT
0	Total radium	2.4±3.5	pCi/L	GE
0	Tritium	4.4±0.50	pCi/mL	MT
0	Tritium	4.5±0.40	pCi/mL	GE
0	Uranium-234	<0.30	pCi/L	TE
0	Uranium-235	<0.30	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-85	<8.0	pCi/L	TE

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: 119.98 ft (36.56 m) below TOC
 Water elevation: 233.44 ft (71.15 m) msl
 Sp. conductance: 103 µS/cm
 Water evacuated before sampling: 83 gal

Time: 17:10
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	pH	5.9	pH	GE
0	Specific conductance	88	µS/cm	MT
0	Specific conductance	70	µS/cm	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	5.2	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,080	µg/L	MT
0	Calcium	1,290	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,700	µg/L	MT
0	Chloride	8,500	µg/L	GE
0	Chloroform	<0.40	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	8.8	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	143	µg/L	MT
0	Iron	27	µg/L	GE
0	Lead	5.8	µg/L	MT
0	Lead	6.0	µg/L	GE
0	Magnesium	505	µg/L	MT
0	Magnesium	428	µg/L	GE
1	Manganese	32	µg/L	MT
1	Manganese	27	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 7 collected on 05/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,320	µg/L	MT
0	Nitrate as nitrogen	1,480	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	5,370	µg/L	MT
0	Silica	8,760	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	10,600	µg/L	MT
1	Sodium	10,600	µg/L	GE
0	Sulfate	7,800	µg/L	MT
0	Sulfate	7,500	µg/L	GE
1	Tetrachloroethylene	3.3	µg/L	MT
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	MA
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	9.2	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	11	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	3.5	µg/L	MT
2	Trichloroethylene	4.0	µg/L	GE
2	Trichloroethylene	2.7	µg/L	MA
0	Zinc	<10	µg/L	MT
0	Zinc	6.9	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
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	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	2.8 ± 1.6	pCi/L	GE
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Total radium	3.0 ± 0.50	pCi/L	MT
2	Total radium	6.7 ± 3.2	pCi/L	GE
0	Tritium	4.1 ± 0.50	pCi/ml	MT
0	Tritium	4.9 ± 0.40	pCi/ml	GE

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90
 Depth to water: 116.86 ft (35.62 m) below TOC
 Water elevation: 232.14 ft (70.76 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 84 gal

Time: 14:15
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.9	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	420	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Chloride	3,700	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
1	Copper	46	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	<4.0	µg/L	GE

WELL ASB 8 collected on 05/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	20	µg/L	GE
0	Magnesium	258	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	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	5,130	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,530	µg/L	GE
0	Sulfate	7,400	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
1	Total organic carbon	14,000	µg/L	GE
2	Total organic halogens	143	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	335	µg/L	GE
2	Trichloroethylene	327	µg/L	MA
0	Zinc	5.3	µg/L	GE
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	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	2.5 ± 1.8	pCi/L	GE
0	Nonvolatile beta	3.4 ± 2.4	pCi/L	GE
2	Total radium	5.9 ± 2.9	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90
 Depth to water: 131.91 ft (40.21 m) below TOC
 Water elevation: 217.39 ft (66.26 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 380 gal

Time: 11:55
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 19.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,180	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	Copper	<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	Iron	<4.0	µg/L	GE
0	Lead	13	µg/L	GE
0	Magnesium	286	µg/L	GE
0	Manganese	6.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	750	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,470	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,630	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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	GE

ANALYTICAL RESULTS

WELL ASB 8A collected on 05/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	< 1.0	µg/L	MA
0	Zinc	9.1	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	1.2 ± 2.0	pCi/L	GE
0	Tritium	< 0.70	pCi/mL	GE

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90
 Depth to water: 131.12 ft (39.97 m) below TOC
 Water elevation: 218.68 ft (66.65 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 270 gal

Time: 13:10
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 19.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	4.9	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	890	µg/L	GE
0	Carbon tetrachloride	< 50	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chloroform	< 50	µg/L	GE
0	Chloroform	< 20	µg/L	MA
0	Chromium	< 4.0	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	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	15	µg/L	GE
0	Magnesium	313	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	1,600	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	4,790	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,220	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 50	µg/L	GE
0	Tetrachloroethylene	< 20	µg/L	MA
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	666	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	1,600	µg/L	GE
2	Trichloroethylene	1,600	µg/L	MA
0	Zinc	3.2	µg/L	GE
0	1,1-Dichloroethylene	< 20	µg/L	MA
0	1,1,1-Trichloroethane	< 50	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	< 2.0	pCi/L	GE
0	Total radium	2.1 ± 2.2	pCi/L	GE
0	Tritium	< 0.70	pCi/mL	GE

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90
 Depth to water: 131.12 ft (39.97 m) below TOC
 Water elevation: 218.68 ft (66.65 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 270 gal

Time: 13:10
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 19.7°C

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90
 Depth to water: 127.72 ft (38.93 m) below TOC
 Water elevation: 221.98 ft (67.66 m) msl
 Sp. conductance: 44 µS/cm
 Water evacuated before sampling: 123 gal

Time: 14:00
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Carbon tetrachloride	< 50	µg/L	GE
0	Chloride	5,600	µg/L	GE
0	Chloroform	< 50	µg/L	GE
0	Chloroform	< 20	µg/L	MA
0	Chromium	< 4.0	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	< 4.0	µg/L	GE
1	Lead	23	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,720	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,080	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,580	µg/L	GE
0	Sulfate	1,500	µg/L	GE
2	Tetrachloroethylene	140	µg/L	GE
2	Tetrachloroethylene	122	µg/L	MA
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	738	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	1,730	µg/L	GE
2	Trichloroethylene	1,700	µg/L	MA
0	Zinc	2.4	µg/L	GE
0	1,1-Dichloroethylene	< 20	µg/L	MA
0	1,1,1-Trichloroethane	< 50	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	3.2 ± 2.4	pCi/L	GE
0	Nonvolatile beta	6.3 ± 4.0	pCi/L	GE
1	Total radium	4.5 ± 2.7	pCi/L	GE
2	Tritium	22 ± 0.60	pCi/mL	GE

ANALYTICAL RESULTS

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/90 Time: 12:40
 Depth to water: 135.86 ft (41.35 m) below TOC pH: 5.0
 Water elevation: 213.94 ft (65.21 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 22 µS/cm Water temperature: 20.2°C
 Water evacuated before sampling: 534 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 ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90 Time: 15:00
 Depth to water: 70.69 ft (21.55 m) below TOC pH: 5.1
 Water elevation: 238.31 ft (72.64 m) msl Alkalinity: 0 mg/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	pH	5.1	pH	GE
0	Specific conductance	39	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	1,310	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,800	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	Copper	14	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	17	µg/L	GE
0	Magnesium	651	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	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	3,190	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,130	µg/L	GE
0	Sulfate	5,100	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	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	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	3.5 ± 2.3	pCi/l	GE
1	Total radium	2.7 ± 2.4	pCi/l	GE
0	Tritium	< 0.70	pCi/ml	GE

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90 Time: 16:10
 Depth to water: 90.98 ft (27.73 m) below TOC pH: 9.9
 Water elevation: 218.02 ft (66.45 m) msl Alkalinity: 42 mg/L
 Sp. conductance: 144 µS/cm Water temperature: 19.5°C
 Water evacuated before sampling: 168 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
2	Tetrachloroethylene	37	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	42	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/90 Time: 16:15
 Depth to water: 91.79 ft (27.98 m) below TOC
 Water elevation: 218.11 ft (66.48 m) msl
 Inaccessibility or pump failure prevented sample collection.

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90 Time: 14:40
 Depth to water: 91.79 ft (27.98 m) below TOC pH: 5.4
 Water elevation: 218.11 ft (66.48 m) msl Alkalinity: 7 mg/L
 Sp. conductance: 42 µS/cm Water temperature: 19.5°C
 Water evacuated before sampling: 105 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
2	Tetrachloroethylene	49	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	31	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL BG 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90 Time: 11:25
 Depth to water: 62.00 ft (18.90 m) below TOC pH: 7.5
 Water elevation: 227.80 ft (69.43 m) msl
 Sp. conductance: 62 µS/cm Water temperature: 23.7°C
 No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Gross alpha	9.0 ± 2.5	pCi/L	EM
0	Gross alpha	1.6 ± 0.80	pCi/L	EM
1	Nonvolatile beta	12 ± 2.7	pCi/L	EM
0	Nonvolatile beta	2.7 ± 1.2	pCi/L	EM
2	Tritium	326 ± 3.7	pCi/ml	EM

ANALYTICAL RESULTS

WELL BG 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 50.00 ft (15.24 m) below TOC
 Water elevation: 227.20 ft (69.25 m) msl
 Sp. conductance: 58 µS/cm
 Water evacuated before sampling: 3 gal

Time: 14:20
 pH: 6.1
 Water temperature: 17.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	430 ± 90	pCi/L	MT
2	Gross alpha	380 ± 100	pCi/L	MT
1	Gross alpha	11 ± 5.3	pCi/L	GE
0	Gross alpha	0.28 ± 0.36	pCi/L	EM
2	Nonvolatile beta	560 ± 100	pCi/L	MT
2	Nonvolatile beta	520 ± 100	pCi/L	MT
1	Nonvolatile beta	25 ± 7.2	pCi/L	GE
0	Nonvolatile beta	5.3 ± 1.7	pCi/L	EM
1	Tritium	15 ± 2.0	pCi/mL	MT
1	Tritium	14 ± 0.50	pCi/mL	GE
1	Tritium	20 ± 1.1	pCi/mL	EM

WELL BG 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 50.80 ft (15.48 m) below TOC
 Water elevation: 226.10 ft (68.92 m) msl
 Sp. conductance: 44 µS/cm
 Water evacuated before sampling: 3 gal

Time: 13:45
 pH: 5.5
 Water temperature: 17.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	4.3 ± 1.1	pCi/L	EM
0	Nonvolatile beta	4.3 ± 1.5	pCi/L	EM
2	Tritium	5,710 ± 70	pCi/mL	EM

WELL BG 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 54.80 ft (16.70 m) below TOC
 Water elevation: 227.90 ft (69.46 m) msl
 Sp. conductance: 45 µS/cm
 Water evacuated before sampling: 4 gal

Time: 9:20
 pH: 6.1
 Water temperature: 17.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.53 ± 0.41	pCi/L	EM
0	Nonvolatile beta	1.1 ± 0.92	pCi/L	EM
2	Tritium	34 ± 1.4	pCi/mL	EM

WELL BG 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 46.00 ft (14.02 m) below TOC
 Water elevation: 229.50 ft (69.95 m) msl
 Sp. conductance: 35 µS/cm
 Water evacuated before sampling: 15 gal

Time: 10:00
 pH: 6.4
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.1 ± 0.56	pCi/L	EM
0	Nonvolatile beta	1.6 ± 1.0	pCi/L	EM
1	Tritium	18 ± 1.1	pCi/mL	EM

WELL BG 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 48.50 ft (14.78 m) below TOC
 Water elevation: 226.50 ft (69.04 m) msl
 Sp. conductance: 47 µS/cm
 Water evacuated before sampling: 3 gal

Time: 13:00
 pH: 8.3
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	270 ± 80	pCi/L	MT
2	Gross alpha	250 ± 80	pCi/L	MT
1	Gross alpha	13 ± 5.4	pCi/L	GE
0	Gross alpha	0.78 ± 0.48	pCi/L	EM
2	Nonvolatile beta	370 ± 90	pCi/L	MT
2	Nonvolatile beta	420 ± 100	pCi/L	MT
1	Nonvolatile beta	24 ± 7.5	pCi/L	GE
0	Nonvolatile beta	1.0 ± 0.91	pCi/L	EM
1	Tritium	18 ± 2.0	pCi/mL	MT
1	Tritium	18 ± 0.50	pCi/mL	GE
1	Tritium	19 ± 1.1	pCi/mL	EM

WELL BG 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 59.00 ft (17.98 m) below TOC
 Water elevation: 235.70 ft (71.84 m) msl
 Sp. conductance: 34 µS/cm
 Water evacuated before sampling: 3 gal

Time: 10:40
 pH: 7.8
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	65 ± 30	pCi/L	MT
2	Gross alpha	54 ± 10	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	0.66 ± 0.51	pCi/L	EM
0	Nonvolatile beta	0.44 ± 0.77	pCi/L	EM
2	Tritium	71 ± 8.0	pCi/mL	MT
2	Tritium	92 ± 1.0	pCi/mL	GE
2	Tritium	64 ± 1.6	pCi/mL	EM

WELL BG 91

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/90
 Depth to water: 57.75 ft (17.60 m) below TOC
 Water elevation: 215.65 ft (65.73 m) msl
 Sp. conductance: 45 µS/cm
 Water evacuated before sampling: 10 gal
 The well went dry during purging.

Time: 10:45
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	38	µS/cm	GE
0	Aluminum	33	µg/L	GE
0	Aluminum	32	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Barium	9.3	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	1,800	µg/L	GE
0	Calcium	2,070	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chloride	2,800	µg/L	GE
1	Chromium	4.5	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE

ANALYTICAL RESULTS

WELL BG 91 collected on 05/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Copper	141	µg/L	GE
1	Copper	153	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	147	µg/L	GE
0	Iron	137	µg/L	GE
2	Lead	85	µg/L	GE
2	Lead	88	µg/L	GE
0	Magnesium	877	µg/L	GE
0	Magnesium	602	µg/L	GE
0	Manganese	8.0	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	11	µg/L	GE
1	Nickel	11	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	796	µg/L	GE
0	Potassium	845	µg/L	GE
0	Silica	4,300	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	3,140	µg/L	GE
0	Sodium	3,400	µg/L	GE
1	Sulfate	11,800	µg/L	GE
1	Sulfate	12,400	µg/L	GE
1	Total carbon	12,000	µg/L	GE
1	Total carbon	12,000	µg/L	GE
0	Total dissolved solids	42,000	µg/L	GE
0	Total dissolved solids	37,000	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	4,000	µg/L	GE
0	Total organic carbon	4,000	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	26	µg/L	GE
0	Zinc	23	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	2.8 ± 1.6	pCi/L	GE
0	Nonvolatile beta	3.4 ± 1.6	pCi/L	GE
0	Tritium	8.1 ± 0.40	pCi/mL	GE
0	Tritium	7.4 ± 0.40	pCi/mL	GE

WELL BG 92

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/90 Time: 12:15
 Depth to water: 48.48 ft (14.78 m) below TOC
 Water elevation: 206.72 ft (63.01 m) msl
 Inaccessibility or pump failure prevented sample collection

WELL BG 93

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/90 Time: 12:55
 Depth to water: 59.54 ft (18.15 m) below TOC pH: 5.8
 Water elevation: 198.96 ft (60.64 m) msl Alkalinity: 12 mg/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	pH	6.0	pH	GE
0	Specific conductance	91	µS/cm	GE
0	Aluminum	23	µg/L	GE
0	Antimony	< 3.0	µg/L	GE

WELL BG 93 collected on 05/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	3.5	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	275	µg/L	GE
0	Carbonate	< 1,000	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	7.5	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	139	µg/L	GE
1	Lead	22	µg/L	GE
0	Magnesium	50	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	4.3	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	< 500	µg/L	GE
0	Silica	3,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	16,800	µg/L	GE
1	Sulfate	18,200	µg/L	GE
1	Total carbon	12,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
1	Total inorganic carbon	9,000	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	60	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	2.9 ± 3.5	pCi/L	GE
0	Tritium	4.2 ± 0.40	pCi/mL	GE

WELL BG 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/90 Time: 13:25
 Depth to water: 61.14 ft (18.64 m) below TOC
 Water elevation: 189.66 ft (57.81 m) msl
 Inaccessibility or pump failure prevented sample collection.

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: 5.6
 Water elevation: 189.41 ft (57.73 m) msl Alkalinity: 8 mg/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	pH	5.9	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	4,200	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	4.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	44	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	480	µg/L	GE
2	Manganese	85	µg/L	GE
1	Mercury	0.43	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

ANALYTICAL RESULTS

WELL BG 103 collected on 06/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Calcium	1,800	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	27	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Manganese	8.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	730	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
0	Sodium	1,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	2,000	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	40	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
2	Tritium	91 ± 1.0	pCi/ml	GE

WELL BG 104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 91 µS/cm
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

Time: 16:20
 pH: 6.8
 Alkalinity: 31 mg/L
 Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
0	Specific conductance	98	µS/cm	GE
0	Aluminum	34	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	13,800	µg/L	GE
0	Carbonate	<1,000	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	31	µg/L	GE
2	Lead	28	µg/L	GE
0	Magnesium	203	µg/L	GE
0	Manganese	3.9	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	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	2,400	µg/L	GE
1	Total carbon	9,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
1	Total phosphates	520	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.8	µg/L	GE
0	Gross alpha	2.0 ± 2.2	pCi/L	GE
0	Nonvolatile beta	3.2 ± 3.5	pCi/L	GE

WELL BG 104 collected on 05/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Tritium	14 ± 0.50	pCi/ml	GE

WELL BG 107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/90
 Depth to water: 15.38 ft (4.69 m) below TOC
 Water elevation: 232.92 ft (70.99 m) msl
 Inaccessibility or pump failure prevented sample collection.

Time: 15:45

WELL BG 107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90
 Depth to water: 15.79 ft (4.81 m) below TOC
 Water elevation: 232.51 ft (70.87 m) msl
 Inaccessibility or pump failure prevented sample collection.

Time: 8:10

WELL BG 108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/90
 Depth to water: 30.78 ft (9.38 m) below TOC
 Water elevation: 236.52 ft (72.09 m) msl
 Sp. conductance: 44 µS/cm
 Water evacuated before sampling: 55 gal

Time: 16:15
 pH: 5.1
 Alkalinity: 6 mg/L
 Water temperature: 18.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	37	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	55	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
2	Cadmium	12	µg/L	GE
0	Calcium	2,780	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	71	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	42	µg/L	GE
2	Lead	60	µg/L	GE
0	Magnesium	1,130	µg/L	GE
1	Manganese	33	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	35	µg/L	GE
0	Nitrate as nitrogen	1,380	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	6,800	µg/L	GE
1	Silver	9.8	µg/L	GE
0	Sodium	1,550	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	16,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
1	Total inorganic carbon	12,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
1	Vanadium	39	µg/L	GE
0	Zinc	147	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
2	Tritium	33 ± 0.60	pCi/ml	GE

ANALYTICAL RESULTS

WELL BG 109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90
 Depth to water: 48.72 ft (14.85 m) below TOC
 Water elevation: 237.88 ft (72.45 m) msl
 Sp. conductance: 40 µS/cm
 Water evacuated before sampling: 29 gal

Time: 11:10
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 18.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	43	µS/cm	GE
0	Aluminum	40	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	787	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	105	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	45	µg/L	GE
2	Lead	103	µg/L	GE
0	Magnesium	337	µg/L	GE
0	Manganese	6.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,960	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	5,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,870	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	3,000	µg/L	GE
0	Total organic carbon	2,000	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	33	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
2	Tritium	24 ± 0.60	pCi/ml	GE

WELL BG 110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90
 Depth to water: 55.71 ft (16.98 m) below TOC
 Water elevation: 238.59 ft (72.72 m) msl
 Sp. conductance: 69 µS/cm
 Water evacuated before sampling: 33 gal
 The well went dry during purging

Time: 10:35
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 18.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	68	µS/cm	GE
1	Aluminum	310	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	87	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,410	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chloride	4,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	147	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
1	Iron	262	µg/L	GE
1	Iron	250	µg/L	GE
2	Lead	90	µg/L	GE

WELL BG 110 collected on 05/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	2,490	µg/L	GE
2	Manganese	78	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	12	µg/L	GE
1	Nitrate as nitrogen	4,840	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
1	Phenols	5.0	µg/L	GE
0	Potassium	718	µg/L	GE
0	Silica	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,820	µg/L	GE
0	Sulfate	1,400	µg/L	GE
1	Total carbon	12,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
0	Total organic carbon	4,000	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	125	µg/L	GE
1	Gross alpha	8.3 ± 3.1	pCi/L	GE
0	Nonvolatile beta	4.5 ± 3.8	pCi/L	GE
2	Tritium	34 ± 0.60	pCi/ml	GE

WELL BG 121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90
 Depth to water: 71.63 ft (21.83 m) below TOC
 Water elevation: 206.27 ft (62.87 m) msl
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 2 gal
 The well went dry during purging

Time: 9:05
 pH: 6.5
 Alkalinity: 6 mg/L
 Water temperature: 17.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Aluminum	24	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	7.1	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,580	µg/L	GE
0	Carbonate	<1,000	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	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iodine	100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	11	µg/L	GE
0	Magnesium	338	µg/L	GE
2	Manganese	51	µg/L	GE
2	Mercury	1.9	µg/L	GE
2	Mercury	1.8	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
1	Phenols	5.0	µg/L	GE
0	Potassium	547	µg/L	GE
0	Silica	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,520	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	13,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total phosphates	300	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
1	Zinc	959	µg/L	GE
0	Gross alpha	3.3 ± 2.5	pCi/L	GE
0	Nonvolatile beta	6.4 ± 3.9	pCi/L	GE
0	Tritium	8.1 ± 0.40	pCi/ml	GE

ANALYTICAL RESULTS

WELL BG 122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/90
 Depth to water: 39.30 ft (11.98 m) below TOC
 Water elevation: 208.60 ft (63.58 m) msl
 Sp. conductance: 40 µS/cm
 Water evacuated before sampling: 87 gal

Time: 11:45
 pH: 5.4
 Alkalinity: 4 mg/L
 Water temperature: 18.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Barium	3.9	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	761	µg/L	GE
0	Carbonate	< 1,000	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	24	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	50	µg/L	GE
1	Lead	24	µg/L	GE
0	Magnesium	305	µg/L	GE
0	Manganese	8.9	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	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	< 500	µg/L	GE
0	Silica	5,900	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,880	µg/L	GE
0	Sulfate	4,100	µg/L	GE
1	Total carbon	10,000	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
1	Total inorganic carbon	7,000	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	16	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Trillium	3.8 ± 0.40	pCi/ml	GE

WELL BG 125

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 The well was dry.

Time: 14:35

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 57.78 ft (17.61 m) below TOC
 Water elevation: 237.32 ft (72.34 m) msl
 Sp. conductance: 47 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 9:35
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	38	µS/cm	GE
0	Turbidity	82	NTU	GE
0	Turbidity	82	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Barium	19	µg/L	GE

WELL BGO 1D collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	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	311	µg/L	GE
0	Calcium	309	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethane (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
1	Chromium	4.9	µg/L	GE
1	Chromium	5.8	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	< 0.0080	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Iron	38	µg/L	GE
0	Iron	37	µg/L	GE
0	Lead	8.8	µg/L	GE
0	Lead	8.9	µg/L	GE
0	Magnesium	152	µg/L	GE
0	Magnesium	157	µg/L	GE
1	Manganese	47	µg/L	GE
1	Manganese	47	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	3,800	µg/L	GE
1	Nitrate as nitrogen	3,850	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	6,200	µg/L	GE
0	Silica	5,320	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	6,580	µg/L	GE
1	Sodium	6,780	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	80,000	µg/L	GE
0	Total dissolved solids	77,000	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
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

ANALYTICAL RESULTS

WELL BGO 1D collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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
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	2.8 ± 2.5	pCi/L	GE
0	Nonvolatile beta	2.0 ± 2.1	pCi/L	GE
0	Total radium	1.8 ± 3.4	pCi/L	GE
0	Total radium	2.2 ± 3.5	pCi/L	GE
1	Tritium	15 ± 0.50	pCi/ml	GE
1	Tritium	15 ± 0.50	pCi/ml	GE

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/90
 Depth to water: 58.22 ft (17.75 m) below TOC
 Water elevation: 238.68 ft (72.75 m) msl
 Sp. conductance: 44 µS/cm
 Water evacuated before sampling: 67 gal

Time: 12:35
 pH: 4.5
 Alkalinity: 3 mg/l
 Water temperature: 20.7 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	1.0	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,480	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,900	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	14	µg/L	GE
0	Lead	3.3	µg/L	GE
0	Magnesium	1,000	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,850	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,860	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,780	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE

WELL BGO 2D collected on 04/16/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<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	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 radium	1.5 ± 3.3	pCi/L	GE
2	Tritium	21 ± 0.60	pCi/ml	GE

WELL BGO 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 57.78 ft (17.61 m) below TOC
 Water elevation: 234.94 ft (71.81 m) msl
 Sp. conductance: 52 µS/cm
 Water evacuated before sampling: 4 gal
 The well went dry during purging.

Time: 10:05
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 18.5 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Turbidity	21	NTU	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	228	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
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	30	µg/L	GE
0	Lead	4.5	µg/L	GE
0	Magnesium	280	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	2,520	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	4,840	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,140	µg/L	GE
0	Sulfate	3,000	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	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 3D collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	2.1 ± 1.5	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
1	Total radium	3.1 ± 2.5	pCi/L	GE
2	Tritium	34 ± 0.70	pCi/mL	GE

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90 Time: 10:20
Inaccessibility or pump failure prevented sample collection.

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 13:55
Inaccessibility or pump failure prevented sample collection.

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 14:00
Inaccessibility or pump failure prevented sample collection.

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 14:05
Inaccessibility or pump failure prevented sample collection.

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 14:10
Inaccessibility or pump failure prevented sample collection.

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 14:15
Inaccessibility or pump failure prevented sample collection.

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90 Time: 10:30
Inaccessibility or pump failure prevented sample collection.

WELL BGO 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90 Time: 10:35
Inaccessibility or pump failure prevented sample collection.

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90 Time: 10:30
Inaccessibility or pump failure prevented sample collection.

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90 Time: 10:37
Inaccessibility or pump failure prevented sample collection.

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 15:25
Depth to water: 53.38 ft (16.27 m) below TOC pH: 4.8
Water elevation: 231.72 ft (70.63 m) ml Alkalinity: 1 mg/L
Sp. conductance: 41 µS/cm Water temperature: 22.3°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	3.8	NTU	GE
0	Turbidity	3.8	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,990	µg/L	GE
0	Calcium	1,990	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	2,200	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	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-1,3-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

ANALYTICAL RESULTS

WELL BGO 9D collected on 04/28/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	34	µg/L	GE
0	Iron	33	µg/L	GE
0	Lead	0.0	µg/L	GE
0	Lead	4.7	µg/L	GE
0	Magnesium	051	µg/L	GE
0	Magnesium	053	µg/L	GE
1	Manganese	30	µg/L	GE
1	Manganese	41	µg/L	GE
0	Mercury	0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	2,070	µg/L	GE
0	Nitrate as nitrogen	2,080	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	0,980	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,220	µg/L	GE
0	Sodium	3,180	µg/L	GE
0	Sulfate	1,500	µg/L	GE
0	Sulfate	1,800	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 dissolved solids	37,000	µg/L	GE
0	Total dissolved solids	40,000	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	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	1,1,1-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	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	Americium-241	0.70 ± 0.24	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 60	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
0	Carbon-14	< 10	pCi/L	TE
0	Cerium-141	< 10	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	< 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	< 0.40	pCi/L	TE
1	Curium-246	0.39 ± 0.25	pCi/L	TE

WELL BGO 9D collected on 04/28/80, 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	1.4 ± 0.80	pCi/L	TE
0	Iodine-129	< 2.0	pCi/L	TE
0	Iodine-131	< 800	pCi/L	TE
0	Iron-55	< 60	pCi/L	TE
0	Iron-59	< 10	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	< 10	pCi/L	TE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	2.1 ± 1.1	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	< 40	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
1	Radium-228	1.4 ± 1.2	pCi/L	TE
0	Ruthenium-103	< 6.0	pCi/L	TE
0	Ruthenium-106	< 20	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
1	Thorium-228	110 ± 10	pCi/L	TE
0	Thorium-228	< 3.0	pCi/L	TE
1	Thorium-230	7.2 ± 1.3	pCi/L	TE
1	Thorium-232	1.0 ± 0.70	pCi/L	TE
0	Total radium	1.0 ± 3.3	pCi/L	GE
0	Total radium	1.0 ± 3.3	pCi/L	GE
2	Tritium	80 ± 0.80	pCi/mL	GE
2	Tritium	80 ± 0.80	pCi/mL	GE
2	Tritium	57 ± 2.0	pCi/mL	TE
1	Uranium-234	0.13 ± 0.080	pCi/L	TE
0	Uranium-235	< 0.020	pCi/L	TE
0	Uranium-238	< 0.030	pCi/L	TE
0	Zinc-65	< 5.0	pCi/L	TE
0	Zirconium-95	< 4.0	pCi/L	TE

WELL BGO 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/80
 Depth to water: 135.41 ft (41.27 m) below TOC
 Water elevation: 185.49 ft (56.44 m) msl
 Sp. conductance: 315 µS/cm
 Water evacuated before sampling: 156 gal

Time: 15:00
 pH: 7.0
 Alkalinity: 140 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.7	pH	GE
1	Specific conductance	202	µS/cm	GE
0	Turbidity	1.0	NTU	GE
1	Arsenic	3.8	µg/L	GE
0	Barium	8.3	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	32,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane (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	70	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	1,250	µg/L	GE
0	Manganese	0.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 10A collected on 04/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	<80	µg/L	GE
0	Phenols	<6.0	µg/L	GE
0	Potassium	601	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	42,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,280	µg/L	GE
0	Sulfate	0,800	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	234,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	330	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
1	Americium-241	2.2 ± 0.60	pCi/L	TE
1	Americium-243	0.62 ± 0.31	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
0	Carbon-14	<10	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	<6.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
1	Curium-242	0.28 ± 0.14	pCi/L	TE
1	Curium-243/244	1.3 ± 0.30	pCi/L	TE
1	Curium-246	0.31 ± 0.30	pCi/L	TE
0	Gross alpha	2.0 ± 3.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<50	pCi/L	TE
0	Iron-55	<40	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	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	<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	<7.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<6.0	pCi/L	TE
0	Strontium-90	<2.0	pCi/L	TE
1	Technetium-99	8.4 ± 3.2	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	120 ± 10	pCi/L	TE
1	Thorium-230	110 ± 10	pCi/L	TE
1	Thorium-232	43 ± 2.0	pCi/L	TE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/ml	TE
0	Tritium	<2.0	pCi/ml	GE
0	Uranium-234	<0.50	pCi/L	TE
0	Uranium-235	<0.30	pCi/L	TE
0	Uranium-238	<0.50	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 81.00 ft (24.68 m) below TOC
 Water elevation: 219.40 ft (66.87 m) msl
 Sp. conductance: 228 µS/cm
 Water evacuated before sampling: 38 gnl
 The well went dry during purging.

Time: 10:40
 pH: 7.8
 Alkalinity: 87 mg/L
 Water temperature: 18.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	GE
1	Specific conductance	215	µS/cm	GE
0	Turbidity	48	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	31	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromochloromethane	<1.0	µg/L	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	20,400	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	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	30	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	950	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	702	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	22,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,450	µg/L	GE
0	Sulfate	4,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	170,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	240	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
1	Americium-241	<0.20	pCi/L	TE
1	Americium-243	0.43 ± 0.32	pCi/L	TE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<20	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	<8.0	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
1	Curium-246	0.47 ± 0.35	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	TE

ANALYTICAL RESULTS

WELL BGO 11D collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
1	Americium-241	0.20 ± 0.16	pCi/L	TE
0	Americium-241	<0.20	pCi/L	TE
1	Americium-243	0.28 ± 0.19	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<100	pCi/L	TE
0	Barium-140	<100	pCi/L	TE
0	Beryllium-7	<40	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	Carbon-141	<10	pCi/L	TE
0	Carbon-141	<10	pCi/L	TE
0	Carbon-144	<20	pCi/L	TE
0	Carbon-144	<20	pCi/L	TE
0	Cesium-134	<3.0	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	<4.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.50	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
1	Curium-246	0.84 ± 0.23	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	2.7 ± 1.9	pCi/L	TE
0	Gross alpha	2.2 ± 1.8	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<600	pCi/L	TE
0	Iodine-131	<800	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<5.0	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	<10	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	4.6 ± 2.7	pCi/L	MT
0	Nonvolatile beta	2.1 ± 2.2	pCi/L	GE
0	Nonvolatile beta	<3.0	pCi/L	TE
0	Nonvolatile beta	<3.0	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.050	pCi/L	TE
0	Plutonium-239/240	<0.050	pCi/L	TE
0	Plutonium-242	<0.070	pCi/L	TE
0	Plutonium-242	<0.070	pCi/L	TE
0	Potassium-40	<50	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<50	pCi/L	TE
0	Radium-226	<50	pCi/L	TE
1	Radium-226	1.8 ± 0.80	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
1	Radium-228	1.0 ± 0.60	pCi/L	TE
1	Radium-228	1.9 ± 1.3	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<4.0	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	Technetium-99	<4.0	pCi/L	TE
0	Technetium-99	<3.0	pCi/L	TE
1	Thorium-228	95 ± 4.0	pCi/L	TE
1	Thorium-228	34 ± 5.0	pCi/L	TE
0	Thorium-228	<5.0	pCi/L	TE
0	Thorium-228	<5.0	pCi/L	TE
1	Thorium-230	1.7 ± 0.70	pCi/L	TE
1	Thorium-230	2.2 ± 1.5	pCi/L	TE
1	Thorium-232	0.34 ± 0.24	pCi/L	TE
0	Thorium-232	<0.20	pCi/L	TE
0	Total radium	2.0 ± 0.30	pCi/L	MT

WELL BGO 11D collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total radium	3.3 ± 2.5	pCi/L	GE
2	Tritium	28 ± 3.0	pCi/mL	MT
2	Tritium	28 ± 0.60	pCi/mL	GE
2	Tritium	120 ± 10	pCi/mL	TE
2	Tritium	120 ± 10	pCi/mL	TE
0	Uranium-234	<0.70	pCi/L	TE
0	Uranium-234	<0.70	pCi/L	TE
0	Uranium-235	<0.40	pCi/L	TE
0	Uranium-235	<0.40	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE
0	Uranium-238	<0.50	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 75.19 ft (22.92 m) below TOC
 Water elevation: 230.11 ft (70.14 m) msl
 Sp. conductance: 34 µS/cm
 Water evacuated before sampling: 85 gal

Time: 13:40
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	pH	4.9	pH	GE
0	Specific conductance	28	µS/cm	MT
0	Specific conductance	29	µS/cm	GE
0	Turbidity	2.2	NTU	MT
0	Turbidity	3.2	NTU	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	5.8	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	842	µg/L	MT
0	Calcium	1,000	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	µg/L	MT
0	Chloride	2,400	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	TE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	32	µg/L	GE
0	Lead	2.9	µg/L	MT
0	Lead	1.7	µg/L	GE
0	Magnesium	550	µg/L	MT
0	Magnesium	516	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 11D collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	7.2	µg/L	MT
0	Manganese	6.8	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	MT
0	Nitrate as nitrogen	2,150	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	<600	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	7,380	µg/L	MT
0	Silica	7,010	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	3,260	µg/L	MT
0	Sodtl :	3,290	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	28,000	µg/L	MT
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	1,100	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	J 3.0	µg/L	MT
2	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	6.0±2.6	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	2.3±0.40	pCi/L	MT
0	Total radium	2.3±0.40	pCi/L	MT
1	Total radium	3.2±3.7	pCi/L	GE
2	Tritium	25±3.0	pCi/mL	MT
2	Tritium	32±0.60	pCi/mL	GE

WELL BGO 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 133.34 ft (40.64 m) below TOC
 Water elevation: 180.06 ft (54.88 m) msl
 Sp. conductance: 139 µS/cm
 Water evacuated before sampling: 16 gal
 The well went dry during purging.

Time: 11:10
 pH: 8.7
 Alkalinity: 46 mg/L
 Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	GE
1	Specific conductance	138	µS/cm	GE
0	Turbidity	0.50	NTU	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	88	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
1	Cadmium	2.3	µg/L	GE
1	Calcium	18,800	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-1,3-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	47	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	442	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	320	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,270	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	27,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,350	µg/L	GE
0	Sulfate	9,300	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	114,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates	260	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
2	Trichloroethylene	15	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	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL BGO 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Inaccessibility or pump failure prevented sample collection.

Time: 9:10

ANALYTICAL RESULTS

WELL BGO 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90 Time: 11:30
 Depth to water: 84.25 ft (25.68 m) below TOC pH: 6.3
 Water elevation: 229.45 ft (69.94 m) msl Alkalinity: 13 mg/L
 Sp. conductance: 87 µS/cm Water temperature: 20.2°C
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	GE
0	Specific conductance	83	µS/cm	GE
0	Turbidity	19	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,940	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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
1	Iron	229	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,730	µg/L	GE
1	Manganese	32	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,570	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,410	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,690	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,060	µg/L	GE
1	Sulfate	12,300	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	79,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	33	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
2	Trichloroethylene	45	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
1	Gross alpha	12 ± 3.1	pCi/L	GE
0	Nonvolatile beta	3.5 ± 2.5	pCi/L	GE
1	Total radium	3.9 ± 2.7	pCi/L	GE
1	Tritium	10 ± 0.40	pCi/ml	GE

WELL BGO 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/90 Time: 13:05
 Depth to water: Not available pH: 6.2
 Water elevation: Not available Alkalinity: 27 mg/L
 Sp. conductance: 82 µS/cm Water temperature: 29.0°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	7.1	pH	GE
0	Specific conductance	73	µS/cm	GE
0	Turbidity	4.6	NTU	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	8,040	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
1	Chloroethane	3.0	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	130	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	192	µg/L	GE
1	Manganese	46	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	4,090	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,180	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,960	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 dissolved solids	52,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<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
1	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	Tritium	18 ± 0.50	pCi/ml	GE

WELL BGO 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90 Time: 11:20
 Depth to water: 144.47 ft (44.03 m) below TOC pH: 12.0
 Water elevation: 157.43 ft (47.99 m) msl Alkalinity: 467 mg/L
 Sp. conductance: 2120 µS/cm Water temperature: 20.8°C
 Water evacuated before sampling: 20 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	2,200	µS/cm	GE
1	Specific conductance	2,220	µS/cm	GE

ANALYTICAL RESULTS

WELL BGO 14A collected on 05/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Turbidity	0.86	NTU	GE
0	Turbidity	0.85	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	116	µg/L	GE
1	Barium	125	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
1	Calcium	33,900	µg/L	GE
1	Calcium	34,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,000	µg/L	GE
0	Chloride	4,000	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-1,3-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
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	4.0	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	220	µg/L	GE
0	Fluoride	230	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	18	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	5.4	µg/L	GE
0	Lead	4.1	µg/L	GE
0	Magnesium	3.7	µg/L	GE
0	Magnesium	3.2	µg/L	GE
0	Magnesium	3.8	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	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
1	Phenols	22	µg/L	GE
1	Phenols	22	µg/L	GE
1	Potassium	89,700	µg/L	GE
1	Potassium	98,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,170	µg/L	GE
0	Silica	8,510	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	66,000	µg/L	GE
1	Sodium	69,000	µg/L	GE
1	Sulfate	31,600	µg/L	GE
1	Sulfate	31,300	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Toluene	4.0	µg/L	GE
1	Toluene	4.0	µg/L	GE
0	Total dissolved solids	585,000	µg/L	GE
0	Total dissolved solids	566,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL BGO 14A collected on 05/23/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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
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
2	Nonvolatile beta	101 ± 8.3	pCi/L	GE
2	Nonvolatile beta	99 ± 8.3	pCi/L	GE
0	Total radium	2.2 ± 2.5	pCi/L	GE
1	Total radium	2.8 ± 20	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE
0	Tritium	<0.70	pCi/ml	GE

WELL BGO 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: 80.22 ft (24.45 m) below TOC
 Water elevation: 221.78 ft (67.60 m) msl
 Sp. conductance: 152 µS/cm
 Water evacuated before sampling: 92 gal

Time: 11:00
 pH: 10.1
 Alkalinity: 42 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	2.8	pH	GE
1	Specific conductance	138	µS/cm	GE
0	Turbidity	1.2	NTU	GF
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	13,000	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	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	2.0	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	4.9	µg/L	GE
0	Lead	4.4	µg/L	GE
0	Magnesium	202	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 14C collected on 05/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,880	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,240	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,790	µg/L	GE
0	Sulfate	1,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	28	µg/L	GE
0	Total phosphates	190	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
2	Trichloroethylene	56	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	2.5 ± 3.3	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
2	Tritium	25 ± 0.60	pCi/mL	GE

WELL BGO 15D collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	5.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,880	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,510	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 dissolved solids	55,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	59	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
2	Trichloroethylene	60	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	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	<60	pCi/L	TE
0	Carbon-14	<10	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	<0.30	pCi/L	TE
0	Curium-243/244	<0.50	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
2	Gross alpha	21 ± 3.9	pCi/L	GE
0	Gross alpha	1.2 ± 0.90	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-55	<50	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	3.6 ± 2.7	pCi/L	GE
0	Nonvolatile beta	1.8 ± 1.0	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	<80	pCi/L	TE
1	Radium-226	1.4 ± 0.80	pCi/L	TE
0	Radium-228	<80	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
1	Strontium-90	2.3 ± 1.0	pCi/L	TE
0	Technetium-99	<4.0	pCi/L	TE
0	Thorium-228	<0.0070	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
1	Thorium-230	51 ± 1.0	pCi/L	TE
1	Thorium-232	0.73 ± 0.10	pCi/L	TE
1	Total activity	309 ± 4.1	pCi/mL	EM
2	Total radium	57 ± 7.8	pCi/L	GE
2	Tritium	359 ± 2.0	pCi/mL	GE
2	Tritium	300 ± 10	pCi/mL	TE
1	Uranium-234	110 ± 10	pCi/L	TE
1	Uranium-235	5.8 ± 1.9	pCi/L	TE
1	Uranium-238	21 ± 3.0	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL BGO 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90 Time: 11:10
 Water evacuated before sampling: 1 gal
 Inaccessibility or pump failure prevented sample collection.

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90 Time: 13:20
 Depth to water: 70.08 ft (21.36 m) below TOC pH: 5.3
 Water elevation: 226.62 ft (69.68 m) msl Alkalinity: 3 mg/L
 Sp. conductance: 30 µS/cm Water temperature: 20.6°C
 Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Turbidity	2.0	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,460	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
1	Chromium	4.7	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	86	µg/L	GE
0	Lead	5.5	µg/L	GE
0	Magnesium	313	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 70.08 ft (21.38 m) below TOC
 Water elevation: 228.82 ft (69.88 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 40 gal

Time: 13:20
 pH: 5.3
 Alkalinity: 3 mg/L
 Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Americium-241	<0.30	pCi/L	TE
0	Americium-243	<0.30	pCi/L	TE
0	Barium-140	<90	pCi/L	TE
0	Beryllium-7	<70	pCi/L	TE
0	Carbon-14	<20	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	<6.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Curium-242	<0.10	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
1	Curium-246	0.92 ± 0.30	pCi/L	TE
0	Gross alpha	1.9 ± 1.1	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-55	<40	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	3.1 ± 1.1	pCi/L	TE
1	Plutonium-238	0.83 ± 0.48	pCi/L	TE
0	Plutonium-239/240	<0.090	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
1	Radium-226	1.4 ± 0.50	pCi/L	TE
0	Radium-228	<90	pCi/L	TE
1	Radium-228	2.2 ± 1.2	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
1	Strontium-90	5.8 ± 1.5	pCi/L	TE
1	Technetium-99	4.2 ± 2.9	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	1.2 ± 0.20	pCi/L	TE
1	Thorium-230	0.89 ± 0.24	pCi/L	TE
1	Thorium-232	0.32 ± 0.10	pCi/L	TE
2	Tritium	310 ± 10	pCi/ml	TE
1	Uranium-234	2.2 ± 1.3	pCi/L	TE
0	Uranium-235	<0.40	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 BGO 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/90
 Depth to water: 145.09 ft (44.22 m) below TOC
 Water elevation: 159.91 ft (48.74 m) msl
 Sp. conductance: 1443 µS/cm
 Water evacuated before sampling: 9 gal
 The well went dry during purging.

Time: 12:00
 pH: 11.3
 Alkalinity: 304 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
1	Specific conductance	1,380	µS/cm	GE
0	Turbidity	0.50	NTU	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	101	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	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	35,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE

WELL BGO 16A collected on 05/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloride	1,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	130	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.3	µg/L	GE
0	Magnesium	6.5	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	24,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	17,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	22,200	µg/L	GE
1	Sulfate	10,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	382,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<5.0	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
1	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	2.3 ± 7.0	pCi/L	GE
1	Nonvolatile beta	30 ± 20	pCi/L	GE
0	Total radium	1.2 ± 3.2	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/90
 Depth to water: 74.97 ft (22.85 m) below TOC
 Water elevation: 229.63 ft (69.99 m) msl
 Sp. conductance: 258 µS/cm
 Water evacuated before sampling: 4 gal
 The well went dry during purging.

Time: 11:45
 pH: 9.7
 Alkalinity: 89 mg/L
 Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.9	pH	GE
1	Specific conductance	205	µS/cm	GE
0	Turbidity	8.8	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,350	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,000	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 16D collected on 05/03/90, 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
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	29	µg/L	GE
0	Lead	8.3	µg/L	GE
0	Magnesium	175	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
1	Potassium	8,580	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,810	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	39,200	µg/L	GE
0	Sulfate	6,200	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	170,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
1	Total organic halogens	11	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
2	Trichloroethylene	13	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	12 ± 4.3	pCi/L	GE
1	Total activity	836 ± 6.4	pCi/ml	EM
0	Total radium	1.5 ± 2.1	pCi/L	GE
2	Tritium	1,200 ± 3.6	pCi/ml	GE

WELL BGO 18A collected on 05/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	24,200	µg/L	GE
1	Calcium	24,100	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chloride	2,500	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-1,3-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	37	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	1,370	µg/L	GE
0	Magnesium	1,350	µg/L	GE
2	Manganese	55	µg/L	GE
2	Manganese	54	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,040	µg/L	GE
0	Potassium	1,060	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
1	Silica	30,300	µg/L	GE
1	Silica	29,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,230	µg/L	GE
0	Sodium	2,290	µg/L	GE
0	Sulfate	9,600	µg/L	GE
0	Sulfate	9,500	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	132,000	µg/L	GE
0	Total dissolved solids	147,000	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	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
1	Trichlorofluoromethane	1.0	µg/L	GE
1	Trichlorofluoromethane	1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE

WELL BGO 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 11:45
Inaccessibility or pump failure prevented sample collection.

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 11:30
Depth to water: 135.26 ft (41.23 m) below TOC pH: 6.8
Water elevation: 159.94 ft (48.75 m) msl Alkalinity: 71 mg/L
Sp. conductance: 216 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 171 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	GE
1	pH	7.3	pH	GE
1	Specific conductance	195	µS/cm	GE
1	Specific conductance	198	µS/cm	GE
0	Turbidity	0.30	NTU	GE
0	Turbidity	0.30	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	43	µg/L	GE
0	Barium	43	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

ANALYTICAL RESULTS

WELL BGO 18A collected on 05/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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	3.6±3.4	pCi/L	GE
0	Nonvolatile beta	3.2±3.3	pCi/L	GE
0	Total radium	2.1±3.4	pCi/L	GE
0	Total radium	1.8±3.4	pCi/L	GE
0	Tritium	< 0.70	pCi/ml	GE
0	Tritium	< 0.70	pCi/ml	GE

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 11:00
 Depth to water: 63.89 ft (19.47 m) below TOC pH: 4.7
 Water elevation: 231.01 ft (70.41 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 25 µS/cm Water temperature: 22.4°C
 Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	7.7	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,110	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
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	9.2	µg/L	GE
0	Lead	4.3	µg/L	GE
0	Magnesium	298	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	1,330	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,260	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,990	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	47,000	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

WELL BGO 18D collected on 05/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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
1	Trichlorofluoromethane	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	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 radium	1.4 ± 2.1	pCi/L	GE
1	Tritium	18 ± 0.50	pCi/ml	GE

WELL BGO 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 10:15
 Depth to water: 55.28 ft (18.85 m) below TOC pH: 5.4
 Water elevation: 231.92 ft (70.89 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 37 µS/cm Water temperature: 21.7°C
 Water evacuated before sampling: 114 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	33	µS/cm	GE
0	Turbidity	3.3	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	9.4	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,110	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	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	8.1	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	238	µg/L	GE
1	Manganese	26	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	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	7,890	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,150	µg/L	GE
0	Sulfate	1,800	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total organic carbon	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
1	Trichlorofluoromethane	1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 19D collected on 05/02/00, 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	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)	< 0.080	µg/L	GE
0	Americium-241	< 0.30	pCi/L	TE
1	Americium-241	0.28 ± 0.17	pCi/L	TE
0	Americium-243	< 0.30	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 200	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 90	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
0	Carbon-14	< 10	pCi/L	TE
0	Carbon-14	< 10	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cerium-144	< 30	pCi/L	TE
0	Cesium-134	< 6.0	pCi/L	TE
0	Cesium-134	< 5.0	pCi/L	TE
0	Cesium-137	< 6.0	pCi/L	TE
0	Cesium-137	< 5.0	pCi/L	TE
0	Cobalt-58	< 9.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
0	Cobalt-60	< 6.0	pCi/L	TE
0	Cobalt-60	< 6.0	pCi/L	TE
0	Curium-242	< 0.10	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.40	pCi/L	TE
0	Curium-246	< 0.40	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	GE
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	< 1,000	pCi/L	TE
0	Iodine-131	< 1,000	pCi/L	TE
0	Iron-55	< 50	pCi/L	TE
0	Iron-55	< 50	pCi/L	TE
0	Iron-59	< 30	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 6.0	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	Nickel-59	< 100	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	3.1 ± 2.0	pCi/L	TE
0	Nonvolatile beta	< 3.0	pCi/L	TE
0	Plutonium-238	< 0.010	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.090	pCi/L	TE
0	Plutonium-242	< 0.20	pCi/L	TE
0	Plutonium-242	< 0.20	pCi/L	TE
0	Potassium-40	< 200	pCi/L	TE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
0	Radium-226	< 0.70	pCi/L	TE
0	Radium-226	< 0.40	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Radium-228	< 0.70	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-108	< 50	pCi/L	TE
0	Ruthenium-108	< 40	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Strontium-90	< 1.0	pCi/L	TE
0	Technetium-99	< 5.0	pCi/L	TE
1	Technetium-99	14 ± 7.0	pCi/L	TE
0	Thorium-228	< 9.0	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
1	Thorium-228	6.6 ± 0.80	pCi/L	TE
1	Thorium-228	2.1 ± 0.40	pCi/L	TE
1	Thorium-230	0.60 ± 0.30	pCi/L	TE
1	Thorium-230	0.43 ± 0.27	pCi/L	TE
1	Thorium-232	0.12 ± 0.11	pCi/L	TE

WELL BGO 19D collected on 05/02/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Thorium-232	0.20 ± 0.15	pCi/L	TE
0	Total radium	1.2 ± 2.0	pCi/L	GE
2	Trillium	29 ± 0.80	pCi/mL	GE
2	Trillium	29 ± 2.0	pCi/mL	TE
2	Trillium	29 ± 2.0	pCi/mL	TE
0	Uranium-234	< 0.10	pCi/L	TE
0	Uranium-234	< 0.10	pCi/L	TE
0	Uranium-235	< 0.070	pCi/L	TE
0	Uranium-235	< 0.060	pCi/L	TE
0	Uranium-238	< 0.10	pCi/L	TE
0	Uranium-238	< 0.090	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00 Time: 13:30
Inaccessibility or pump failure prevented sample collection.

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/00 Time: 10:15
Depth to water: 51.38 ft (15.68 m) below TOC pH: 8.0
Water elevation: 234.02 ft (71.33 m) msl Alkalinity: 25 mg/L
Sp. conductance: 115 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	93	µS/cm	GE
0	Turbidity	67	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	7.2	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoforn	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,290	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	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	22	µg/L	GE
0	Lead	3.2	µg/L	GE
0	Magnesium	140	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	2,120	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
1	Potassium	8,090	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,080	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	12,900	µg/L	GE
0	Sulfate	3,800	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	70,000	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

ANALYTICAL RESULTS

WELL BGO 21D collected on 05/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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
1	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	11 ± 4.3	pCi/L	GE
0	Total radium	1.9 ± 2.2	pCi/L	GE
2	Tritium	55 ± 0.80	pCi/ml	GE

WELL BGO 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/90 Time: 11:15
 Depth to water: 54.88 ft (16.67 m) below TOC pH: 4.7
 Water elevation: 231.82 ft (70.66 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 31 µS/cm Water temperature: 22.5°C
 Water evacuated before sampling: 123 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Turbidity	0.60	NTU	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	884	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
1	Chromium	10	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	52	µg/L	GE
0	Lead	3.2	µg/L	GE
0	Magnesium	454	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	2,010	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,350	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,430	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 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
1	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

WELL BGO 22D collected on 05/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Americium-241	< 0.15	pCi/L	TE
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 80	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
0	Carbon-14	< 10	pCi/L	TE
0	Cerium-141	< 9.0	pCi/L	TE
0	Cerium-144	< 10	pCi/L	TE
0	Cesium-134	< 3.0	pCi/L	TE
0	Cesium-137	< 2.0	pCi/L	TE
0	Cobalt-58	< 4.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Curium-242	< 0.17	pCi/L	TE
0	Curium-243/244	< 0.37	pCi/L	TE
1	Curium-248	0.21 ± 0.16	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	1.8 ± 0.90	pCi/L	TE
0	Iodine-129	< 3.0	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-55	< 30	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Neptunium-237	< 4.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	2.9 ± 3.5	pCi/L	GE
0	Nonvolatile beta	< 1.0	pCi/L	TE
0	Plutonium-238	< 0.30	pCi/L	TE
0	Plutonium-239/240	< 0.40	pCi/L	TE
0	Plutonium-242	< 0.80	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 40	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Radium-228	< 2.0	pCi/L	TE
0	Ruthenium-103	< 9.0	pCi/L	TE
0	Ruthenium-108	< 20	pCi/L	TE
0	Strontium-89	< 3.0	pCi/L	TE
0	Strontium-90	< 0.90	pCi/L	TE
1	Technetium-99	11 ± 6.0	pCi/L	TE
0	Thorium-228	< 4.0	pCi/L	TE
0	Thorium-228	< 0.14	pCi/L	TE
1	Thorium-230	0.25 ± 0.24	pCi/L	TE
0	Thorium-232	< 0.084	pCi/L	TE
0	Total radium	1.4 ± 2.1	pCi/L	GE
2	Tritium	21 ± 0.60	pCi/ml	GE
1	Tritium	19 ± 2.0	pCi/ml	TE
1	Uranium-234	0.89 ± 0.28	pCi/L	TE
0	Uranium-235	< 0.080	pCi/L	TE
0	Uranium-238	< 0.090	pCi/L	TE
0	Zinc-65	< 6.0	pCi/L	TE
0	Zirconium-95	< 4.0	pCi/L	TE

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90 Time: 12:55
 Depth to water: 53.95 ft (16.44 m) below TOC pH: 5.6
 Water elevation: 235.25 ft (71.71 m) msl Alkalinity: 7 mg/L
 Sp. conductance: 37 µS/cm Water temperature: 23.9°C
 Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Turbidity	0.50	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	836	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	740	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 23D collected on 05/02/00, 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	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	38	µg/L	GE
0	Lead	8.1	µg/L	GE
0	Magnesium	179	µg/L	GE
0	Manganese	8.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	2,080	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,950	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,910	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 dissolved solids	37,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 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
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
2	Tritium	27 ± 0.60	pCi/ml	GE

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/90
 Depth to water: 57.08 ft (17.40 m) below TOC
 Water elevation: 236.11 ft (71.97 m) msl
 Sp. conductance: 100 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 9:50
 pH: 10.0
 Alkalinity: 32 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.8	pH	GE
0	Specific conductance	92	µS/cm	GE
0	Turbidity	8.0	NTU	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	6,820	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	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	173	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	636	µg/L	GE

WELL BGO 24D collected on 05/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	100	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	673	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,210	µg/L	GE
1	Silver	2.9	µg/L	GE
1	Sodium	9,170	µg/L	GE
0	Sulfate	5,500	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	65,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 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
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	5.9 ± 0.40	pCi/ml	GE

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 136.79 ft (41.69 m) below TOC
 Water elevation: 159.71 ft (48.68 m) msl
 Sp. conductance: 262 µS/cm
 Water evacuated before sampling: 15 gal
 The well went dry during purging.

Time: 12:10
 pH: 7.3
 Alkalinity: 111 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	GE
1	Specific conductance	241	µS/cm	GE
0	Turbidity	18	NTU	GE
1	Arsenic	2.2	µg/L	GE
1	Barium	53	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	26,400	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
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
1	Iron	173	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	636	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 26A collected on 04/17/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	0.4	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	39	µg/L	GE
0	Potassium	1,330	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	41,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,930	µg/L	GE
1	Sulfate	10,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	201,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
1	Total phosphates	310	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethane	<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)	<0.050	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	3.1 ± 4.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL BGO 26A collected on 05/01/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
1	Chromium	0.8	µg/L	GE
1	Chromium	0.2	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
1	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0050	µg/L	GE
0	Endrin	<0.0050	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	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	7.9	µg/L	GE
0	Lead	8.8	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
1	Phenols	0.0	µg/L	GE
1	Phenols	8.0	µg/L	GE
1	Potassium	5,460	µg/L	GE
1	Potassium	5,520	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,300	µg/L	GE
0	Silica	3,380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	15,900	µg/L	GE
1	Sodium	16,900	µg/L	GE
0	Sulfate	9,900	µg/L	GE
0	Sulfate	8,800	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 dissolved solids	162,000	µg/L	GE
0	Total dissolved solids	147,000	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	trans-1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethane	<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	11	µg/L	GE
2	Trichloroethylene	7.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<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
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 129.12 ft (39.36 m) below TOC
 Water elevation: 158.08 ft (48.18 m) msl
 Sp. conductance: 2680 µS/cm
 Water evacuated before sampling: 39 gal
 The well went dry during purging.

Time: 14:25
 pH: 11.9
 Alkalinity: 720 mg/L
 Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	pH	11	pH	GE
1	Specific conductance	362	µS/cm	GE
1	Specific conductance	381	µS/cm	GE
0	Turbidity	0.40	NTU	GE
0	Turbidity	0.40	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	177	µg/L	GE
1	Barium	151	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
1	Calcium	32,800	µg/L	GE
1	Calcium	32,900	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

ANALYTICAL RESULTS

WELL BGO 26A collected on 08/01/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	2,4,5-TP* (Silvex)	<0.080	µg/L	GE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<80	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-60	<4.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<300	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	Nonvolatile beta	3.2 ± 4.7	pCi/L	GE
0	Nonvolatile beta	3.5 ± 4.8	pCi/L	GE
0	Potassium-40	<80	pCi/L	TE
0	Radium-228	<80	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-108	<30	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Total radium	1.5 ± 3.3	pCi/L	GE
0	Total radium	1.5 ± 3.3	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE
0	Tritium	<0.70	pCi/ml	GE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-85	<5.0	pCi/L	TE

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/80
 Depth to water: 59.44 ft (18.12 m) below TOC
 Water elevation: 226.08 ft (68.90 m) msl
 Sp. conductance: 48 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 14:05
 pH: 5.2
 Alkalinity: 6 mg/L
 Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Turbidity	98	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,180	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,600	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	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	<4.0	µg/L	GE
0	Lead	7.8	µg/L	GE
0	Magnesium	318	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	808	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,710	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,830	µg/L	GE
0	Sulfate	2,000	µg/L	GE

WELL BGO 26D collected on 08/01/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	12,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
1	Total organic halogens	23	µg/L	GE
0	Total phosphates	180	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	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-Dichloropropene	<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)	<0.080	µg/L	GE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<80	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-60	<4.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<300	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	Nonvolatile beta	3.8 ± 3.8	pCi/L	GE
0	Potassium-40	<80	pCi/L	TE
0	Radium-228	<80	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-108	<30	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
0	Total radium	1.2 ± 3.2	pCi/L	GE
0	Tritium	5.9 ± 0.40	pCi/ml	GE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-85	<5.0	pCi/L	TE

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/80
 Depth to water: 57.27 ft (17.48 m) below TOC
 Water elevation: 218.73 ft (66.87 m) msl
 Sp. conductance: 101 µS/cm
 Water evacuated before sampling: 181 gal

Time: 14:40
 pH: 7.4
 Alkalinity: 19 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.0	pH	MT
1	pH	7.1	pH	GE
1	Specific conductance	108	µS/cm	MT
1	Specific conductance	100	µS/cm	GE
0	Turbidity	1.8	NTU	MT
0	Turbidity	1.5	NTU	MT
0	Turbidity	1.8	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
1	Calcium	17,800	µg/L	MT
1	Calcium	18,500	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,700	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 270 collected on 05/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	8.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	130	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	319	µg/L	MT
0	Magnesium	288	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	2.7	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrate as nitrogen	1,000	µg/L	MT
0	Nitrate as nitrogen	1,120	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 600	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,750	µg/L	MT
0	Silica	7,430	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,840	µg/L	MT
0	Sodium	1,840	µg/L	GE
0	Sulfate	1,300	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	53,000	µg/L	MT
0	Total dissolved solids	76,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	12	µg/L	MT
0	Total organic halogens	6.0	µg/L	GE
1	Total phosphates	379	µg/L	MT
1	Total phosphates	370	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	15	µg/L	MT
2	Trichloroethylene	12	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE

WELL BGO 270 collected on 05/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.00	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
1	Americium-241	0.66 ± 0.27	pCi/L	TE
0	Americium-243	< 0.10	pCi/L	TE
0	Barium-140	< 70	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
0	Carbon-14	< 10	pCi/L	TE
0	Cerium-141	< 9.0	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	< 4.0	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	< 3.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 1.0	pCi/L	TE
0	Iodine-129	< 3.0	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-55	< 50	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 2.0	pCi/L	TE
0	Neptunium-237	< 4.0	pCi/L	TE
0	Nickel-59	< 90	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	TE
0	Plutonium-238	< 0.40	pCi/L	TE
0	Plutonium-239/240	< 0.50	pCi/L	TE
0	Plutonium-242	< 0.80	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 30	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
1	Radium-228	1.9 ± 0.60	pCi/L	TE
0	Ruthenium-103	< 5.0	pCi/L	TE
0	Ruthenium-106	< 20	pCi/L	TE
0	Strontium-89	< 3.0	pCi/L	TE
1	Strontium-90	1.4 ± 0.70	pCi/L	TE
1	Technetium-99	10 ± 4.0	pCi/L	TE
0	Thorium-228	< 3.0	pCi/L	TE
1	Thorium-228	3.2 ± 0.60	pCi/L	TE
1	Thorium-230	1.2 ± 0.40	pCi/L	TE
0	Thorium-232	< 0.20	pCi/L	TE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
2	Tritium	58 ± 6.0	pCi/mL	MT
2	Tritium	80 ± 1.0	pCi/mL	GE
2	Tritium	72 ± 2.0	pCi/mL	TE
1	Uranium-234	0.62 ± 0.23	pCi/L	TE
0	Uranium-235	< 0.060	pCi/L	TE
0	Uranium-238	< 0.060	pCi/L	TE
0	Zinc-65	< 6.0	pCi/L	TE
0	Zirconium-95	< 4.0	pCi/L	TE

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/90
 Depth to water: 57.27 ft (17.46 m) below TOC
 Water elevation: 218.73 ft (66.67 m) msl
 Sp. conductance: 101 µS/cm
 Water evacuated before sampling: 181 gal
 Time: 14:40
 pH: 7.4
 Alkalinity: 19 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	MT
1	pH	7.1	pH	GE
1	pH	7.2	pH	GE
1	Specific conductance	105	µS/cm	MT
1	Specific conductance	101	µS/cm	GE
1	Specific conductance	101	µS/cm	GE
0	Turbidity	1.4	NTU	MT
0	Turbidity	1.9	NTU	GE

ANALYTICAL RESULTS

WELL. BGO 27C collected on 05/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Turbidity	1.9	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	18,500	µg/L	MT
1	Calcium	14,900	µg/L	GE
1	Calcium	15,400	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,700	µg/L	MT
0	Chloride	1,700	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<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	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	110	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0000	µg/L	MT
0	Endrin	<0.0000	µg/L	GE
0	Endrin	<0.0000	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	110	µg/L	GE
U	Fluoride	110	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	18	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	298	µg/L	MT
0	Magnesium	239	µg/L	GE
0	Magnesium	245	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	2.2	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL. BGO 27C collected on 05/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	1,000	µg/L	MT
0	Nitrate as nitrogen	1,140	µg/L	GE
0	Nitrate as nitrogen	1,130	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	MT
0	Silica	8,070	µg/L	GE
0	Silica	7,990	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,740	µg/L	MT
0	Sodium	1,580	µg/L	GE
0	Sodium	1,680	µg/L	GE
0	Sulfate	1,300	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	32,000	µg/L	MT
0	Total dissolved solids	80,000	µg/L	GE
0	Total dissolved solids	79,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	9.5	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	399	µg/L	MT
1	Total phosphates	400	µg/L	GE
1	Total phosphates	340	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	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-1,3-Dichloropropene	<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
2	Trichloroethylene	19	µg/L	MT
2	Trichloroethylene	14	µg/L	GE
2	Trichloroethylene	13	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Trichlorofluoromethane	2.0	µg/L	GE
1	Trichlorofluoromethane	1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	1,1-Dichloroethane	<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-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<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	1,1,2-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	1,1,2,2-Tetrachloroethane	<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	1,2-Dichloroethane	<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-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<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	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 27C collected on 05/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.070	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	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
2	Tritium	56±6.0	pCi/mL	MT
2	Tritium	56±6.0	pCi/mL	MT
2	Tritium	93±1.0	pCi/mL	GE
2	Tritium	90±1.0	pCi/mL	GE

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 50.62 ft (15.43 m) below TOC
 Water elevation: 225.68 ft (68.79 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 11 gal
 The well went dry during purging.

Time: 11:40
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Turbidity	225	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,060	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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)	1.0	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	69	µg/L	GE
1	Lead	24	µg/L	GE
0	Magnesium	765	µg/L	GE
2	Manganese	73	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	1,270	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	802	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,740	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,530	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 dissolved solids	14,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	70	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	Xylenes	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE

WELL BGO 27D collected on 04/29/90, 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	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	Barium-140	<90	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
0	Cerium-141	<20	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	<5.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<600	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	Nonvolatile beta	5.3±3.8	pCi/L	GE
0	Potassium-40	<60	pCi/L	TE
0	Radium-226	<70	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<6.0	pCi/L	TE
1	Total activity	1,570±30	pCi/mL	EM
1	Total radium	2.9±3.7	pCi/L	GE
2	Tritium	3,530±6.1	pCi/mL	GE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 53.10 ft (16.19 m) below TOC
 Water elevation: 224.30 ft (68.37 m) msl
 Sp. conductance: 77 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 12:05
 pH: 5.3
 Alkalinity: 13 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	6.0	µS/cm	GE
0	Turbidity	1,090	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	34	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,120	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloride	11,400	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
1	Chloroform	5.0	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
2	Endrin	0.10	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
1	Iron	187	µg/L	GE
0	Lead	14	µg/L	GE
0	Magnesium	748	µg/L	GE
2	Manganese	128	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	730	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,750	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,210	µg/L	GE
0	Silver	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 28D collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Sodium	10,400	µg/L	GE
0	Sulfate	2,300	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	72,000	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
2	Total organic halogens	478	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
2	Trichloroethylene	164	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
1	1,1-Dichloroethane	11	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	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	Gross alpha	2.0 ± 2.8	pCi/L	GE
0	Iodine-131	< 400	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	Nonvolatile beta	6.6 ± 5.6	pCi/L	GE
0	Potassium-40	< 50	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
1	Total activity	1.8E + 5 ± 300	pCi/mL	EM
1	Total radium	2.5 ± 2.3	pCi/L	GE
2	Tritium	2.2E + 5 ± 50	pCi/mL	GE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zirconium-95	< 6.0	pCi/L	TE

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 106.02 ft (32.32 m) below TOC
 Water elevation: 158.18 ft (48.21 m) msl
 Sp. conductance: 138 µS/cm
 Water evacuated before sampling: 35 gal
 The well went dry during purging.

Time: 13:45
 pH: 7.3
 Alkalinity: 53 mg/L
 Water temperature: 23.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.1	pH	GE
1	Specific conductance	126	µS/cm	GE
0	Turbidity	2.4	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	36	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	19,800	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	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE

WELL BGO 29A collected on 05/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	582	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	Naphthalene	< 10	µg/L	GE
0	Nitrate as nitrogen	910	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	533	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	Sodium	3,290	µg/L	GE
0	Sulfate	1,200	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	71,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	240	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
1	Trichloroethylene	2.0	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	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Barium-140	< 70	pCi/L	TE
0	Beryllium-7	< 70	pCi/L	TE
0	Cerium-141	< 20	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	< 6.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	GE
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	< 8.0	pCi/L	TE
0	Nonvolatile beta	< 2.0	pCi/L	GE
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	Thorium-228	< 7.0	pCi/L	TE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	6.3 ± 0.40	pCi/mL	GE
0	Zinc-65	< 9.0	pCi/L	TE
0	Zirconium-95	< 7.0	pCi/L	TE

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 57.21 ft (17.44 m) below TOC
 Water elevation: 217.29 ft (66.23 m) msl
 Sp. conductance: 105 µS/cm
 Water evacuated before sampling: 20 gal
 The well went dry during purging.

Time: 12:25
 pH: 6.1
 Alkalinity: 34 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	GE
0	Specific conductance	74	µS/cm	GE
0	Turbidity	274	NTU	GE
0	Acetophenone	< 10	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

ANALYTICAL RESULTS

WELL BGO 30C collected on 04/29/80, 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	2,220	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	170	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	60	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	185	µg/L	GE
0	Manganese	23	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	570	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	7,450	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	11,500	µg/L	GE
0	Sulfate	8,700	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates	280	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
2	Trichloroethylene	6.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
1	1,1-Dichloroethane	2.0	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	Barium-140	<100	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	<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	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<600	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<6.0	pCi/L	TE
0	Nonvolatile beta	4.0 ± 5.2	pCi/L	GE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<70	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<6.0	pCi/L	TE
1	Total activity	322 ± 20	pCi/ml	EM
0	Total radium	1.4 ± 3.3	pCi/L	GE
2	Tritium	418 ± 2.2	pCi/ml	GE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/80
 Depth to water: 51.01 ft (15.55 m) below TOC
 Water elevation: 223.78 ft (68.21 m) msl
 Sp. conductance: 82 µS/cm
 Water evacuated before sampling: 9 gal
 The well went dry during purging.

Time: 12:40
 pH: 5.0
 Alkalinity: 8 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	7.0	µS/cm	GE
0	Turbidity	60	NTU	GE
0	Acetophenone	<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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,950	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	9,700	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
1	Chloroform	17	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
1	Chromium	5.0	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
1	Endrin	0.093	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	gamma-Benzene hexachloride (Lindane)	0.12	µg/L	GE
1	Iron	283	µg/L	GE
2	Lead	25	µg/L	GE
0	Magnesium	418	µg/L	GE
2	Manganese	82	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,050	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	13,400	µg/L	GE
0	Sulfate	3,500	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	74,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	512	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
2	Trichloroethylene	84	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
1	1,1-Dichloroethane	73	µg/L	GE
1	1,1-Dichloroethylene	13	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	Barium-140	<100	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	<3.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<1,000	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<7.0	pCi/L	TE

ANALYTICAL RESULTS

WELL BGO 30D collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	4.4 ± 3.7	pCi/L	GE
0	Potassium-40	< 50	pCi/L	TE
0	Radium-226	< 70	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE
1	Total activity	40,000 ± 140	pCi/mL	EM
1	Total radium	2.8 ± 2.4	pCi/L	GE
2	Tritium	56,700 ± 20	pCi/mL	GE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 49.40 ft (15.08 m) below TOC
 Water elevation: 223.70 ft (68.18 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 33 gal
 The well went dry during purging.

Time: 13:05
 pH: 5.1
 Alkalinity: 3 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Turbidity	14	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,280	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	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	19	µg/L	GE
0	Lead	3.3	µg/L	GE
0	Magnesium	451	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrate as nitrogen	1,060	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,390	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,340	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 dissolved solids	9,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 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
2	Trichloroethylene	3.0	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

WELL BGO 31C collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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)	< 0.080	µg/L	GE
0	Barium-140	< 200	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	Gross alpha	< 2.0	pCi/L	GE
0	Iodine-131	< 1,000	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 5.0	pCi/L	TE
0	Neptunium-237	< 9.0	pCi/L	TE
0	Nonvolatile beta	3.4 ± 3.8	pCi/L	GE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 90	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-106	< 50	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
1	Total activity	218 ± 10	pCi/mL	EM
1	Total radium	2.8 ± 3.7	pCi/L	GE
2	Tritium	292 ± 1.8	pCi/mL	GE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 48.98 ft (14.93 m) below TOC
 Water elevation: 224.71 ft (68.49 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 13:20
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 22.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Turbidity	123	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	614	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	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	8.8	µg/L	GE
0	Magnesium	1,040	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	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	5,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	8,000	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 31D collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	2.000	µg/L	GE
1	Total organic halogens	11	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	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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Barium-140	<200	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	<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	Gross alpha	2.8 ± 2.9	pCi/L	GE
0	Iodine-131	<2,000	pCi/L	TE
0	Iron-59	<40	pCi/L	TE
0	Manganese-54	<7.0	pCi/L	TE
0	Neptunium-237	<20	pCi/L	TE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<200	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	<10	pCi/L	TE
1	Total activity	470 ± 5.0	pCi/ml	EM
0	Total radium	<1.0	pCi/L	GE
2	Tritium	1,220 ± 3.6	pCi/ml	GE
0	Zinc-65	<20	pCi/L	TE
0	Zirconium-95	<10	pCi/L	TE

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 55.92 ft (17.04 m) below TOC
 Water elevation: 225.78 ft (68.82 m) msl
 Sp. conductance: 54 µS/cm
 Water evacuated before sampling: 4 gal
 The well went dry during purging

Time: 16:10
 pH: 4.7
 Alkalinity: 1 mg/L
 Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Turbidity	656	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,630	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
1	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	118	µg/L	GE
0	Lead	16	µg/L	GE

WELL BGO 32D collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	1,100	µg/L	GE
0	Manganese	21	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
1	Nitrate as nitrogen	3,710	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	409	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,430	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	8,290	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	30	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	72,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	54	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
2	Trichloroethylene	9.0	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
1	1,1,1-Trichloroethane	7.0	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	Barium-140	<500	pCi/L	TE
0	Beryllium-7	<200	pCi/L	TE
0	Cerium-141	<80	pCi/L	TE
0	Cerium-144	<100	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	Gross alpha	4.2 ± 3.4	pCi/L	GE
0	Iodine-131	<4,000	pCi/L	TE
0	Iron-59	<80	pCi/L	TE
0	Manganese-54	<10	pCi/L	TE
0	Neptunium-237	<30	pCi/L	TE
0	Nonvolatile beta	5.1 ± 5.5	pCi/L	GE
0	Potassium-40	<300	pCi/L	TE
0	Radium-226	<300	pCi/L	TE
0	Ruthenium-103	<40	pCi/L	TE
0	Ruthenium-106	<100	pCi/L	TE
0	Thorium-228	<20	pCi/L	TE
1	Total activity	10,100 ± 70	pCi/ml	EM
2	Total radium	5.9 ± 3.0	pCi/L	GE
2	Tritium	12,500 ± 10	pCi/ml	GE
0	Zinc-65	<30	pCi/L	TE
0	Zirconium-95	<20	pCi/L	TE

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 55.85 ft (17.02 m) below TOC
 Water elevation: 223.55 ft (68.14 m) msl
 Sp. conductance: 59 µS/cm
 Water evacuated before sampling: 127 gal

Time: 15:20
 pH: 5.4
 Alkalinity: 12 mg/L
 Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.4	pH	MT
0	pH	8.2	pH	GE
0	Specific conductance	73	µS/cm	MT
0	Specific conductance	5.0	µS/cm	GE
0	Turbidity	0.51	NTU	MT
0	Turbidity	0.50	NTU	MT
0	Turbidity	0.80	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	38	µg/L	MT
0	Barium	37	µg/L	GE
0	Benzene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL BGO 33C collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,280	µg/L	MT
0	Calcium	8,510	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Carbon tetrachloride	2.0	µg/L	GE
0	Chloride	5,000	µg/L	MT
0	Chloride	4,200	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
1	Chloroform	11	µg/L	MT
1	Chloroform	15	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
1	Chromium	4.2	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
2	Endrin	0.11	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	0.0080	µg/L	MT
1	gamma-Benzene hexachloride (Lindane)	0.084	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	36	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	12	µg/L	GE
0	Magnesium	804	µg/L	MT
0	Magnesium	565	µg/L	GE
1	Manganese	44	µg/L	MT
1	Manganese	39	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	790	µg/L	MT
0	Nitrate as nitrogen	910	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	615	µg/L	MT
0	Potassium	801	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	16,000	µg/L	MT
1	Silica	10,400	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	3,640	µg/L	MT
0	Sodium	4,440	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	J 3.0	µg/L	MT
2	Tetrachloroethylene	6.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	82,000	µg/L	MT
0	Total dissolved solids	58,000	µg/L	MT
0	Total dissolved solids	76,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	102	µg/L	MT
2	Total organic halogens	153	µg/L	GE
0	Total phosphates	22	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	18	µg/L	MT

WELL BGO 33C collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Trichloroethylene	18	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	MT
0	Xylenes	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1-Dichloroethylene	1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	J 0.32	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
1	Americium-241	0.57 ± 0.23	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<7.0	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	<0.20	pCi/L	TE
0	Curium-243/244	<0.50	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
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	<7.0	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	<4.0	pCi/L	MT
0	Nonvolatile beta	3.4 ± 3.5	pCi/L	GE
0	Nonvolatile beta	1.8 ± 1.1	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.080	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
0	Radium-226	<0.80	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<4.0	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	<4.0	pCi/L	TE
1	Thorium-228	4.8 ± 1.3	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-230	1.0 ± 0.70	pCi/L	TE
0	Thorium-232	<0.30	pCi/L	TE
1	Total activity	5,490 ± 50	pCi/ml	EM
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.8 ± 2.2	pCi/L	GE
2	Trilium	5,200 ± 600	pCi/ml	MT
2	Trilium	7,190 ± 8.7	pCi/ml	GE
0	Trilium	5,900 ± 100	pCi/ml	TE
0	Uranium-234	<0.20	pCi/L	TE
0	Uranium-235	<0.070	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Zinc-65	<4.0	pCi/L	TE
0	Zirconium-95	<3.0	pCi/L	TE

ANALYTICAL RESULTS

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 55.85 ft (17.02 m) below TOC
 Water elevation: 223.55 ft (68.14 m) msl
 Sp. conductance: 59 µS/cm
 Water evacuated before sampling: 127 gal

Time: 15:20
 pH: 5.4
 Alkalinity: 12 mg/L
 Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.3	pH	MT
0	pH	8.2	pH	MT
0	pH	8.1	pH	GE
0	Specific conductance	60	µS/cm	MT
0	Specific conductance	60	µS/cm	MT
0	Specific conductance	5.0	µS/cm	GE
0	Turbidity	1.8	NTU	MT
0	Turbidity	0.40	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	37	µg/L	MT
0	Barium	33	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,750	µg/L	MT
0	Calcium	5,940	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,000	µg/L	MT
0	Chloride	4,400	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
1	Chloroform	10	µg/L	MT
1	Chloroform	9.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
1	Chromium	5.7	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	0.0060	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	38	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	9.4	µg/L	GE
0	Magnesium	610	µg/L	MT
0	Magnesium	503	µg/L	GE
1	Manganese	43	µg/L	MT
1	Manganese	38	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	860	µg/L	MT
0	Nitrate as nitrogen	920	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	754	µg/L	MT
0	Potassium	778	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	9,610	µg/L	GE
0	Silver	<2.0	µg/L	MT

WELL BGO 33C collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	3,450	µg/L	MT
0	Sodium	4,330	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	J 3.0	µg/L	MT
1	Tetrachloroethylene	3.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	104,000	µg/L	MT
0	Total dissolved solids	101,000	µg/L	MT
0	Total dissolved solids	78,000	µg/L	GE
0	Total organic carbon	1,040	µg/L	MT
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	99	µg/L	MT
2	Total organic halogens	81	µg/L	GE
0	Total phosphates	41	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	19	µg/L	MT
2	Trichloroethylene	15	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	J 0.31	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
2	Tritium	5,400 ± 800	pCi/ml	MT
2	Tritium	7,280 ± 8.8	pCi/ml	GE

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 51.65 ft (15.74 m) below TOC
 Water elevation: 228.65 ft (69.69 m) msl
 Sp. conductance: 72 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 15:05
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	77	µS/cm	GE
0	Turbidity	252	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,740	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloride	16,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 33D collected on 04/29/80, 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
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
1	Iron	153	µg/L	GE
0	Lead	5.4	µg/L	GE
0	Magnesium	1,800	µg/L	GE
0	Manganese	7.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	1,790	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,380	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,890	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,050	µg/L	GE
0	Sulfate	1,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<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	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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Barium-140	<100	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	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	<5.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Gross alpha	3.2 ± 3.2	pCi/L	GE
0	Iodine-131	<900	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<30	pCi/L	TE
0	Neptunium-237	<8.0	pCi/L	TE
0	Nonvolatile beta	8.7 ± 5.8	pCi/L	GE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<60	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<6.0	pCi/L	TE
1	Total activity	213 ± 20	pCi/ml	EM
1	Total radium	3.6 ± 3.9	pCi/L	GE
2	Tritium	322 ± 1.9	pCi/ml	GE
0	Zinc-65	<6.0	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/80
 Depth to water: 43.70 ft (13.32 m) below TOC
 Water elevation: 231.20 ft (70.47 m) msl
 Sp. conductance: 35 µS/cm
 Water evacuated before sampling: 13 gal
 The well went dry during purging.

Time: 13:25
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Turbidity	8.0	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,390	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,000	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	<0.0080	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	<4.0	µg/L	GE
2	Lead	37	µg/L	GE
0	Magnesium	836	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	880	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,230	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,880	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	10,000	µg/L	GE
0	Total organic carbon	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	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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Barium-140	<200	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	<4.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<1,000	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<9.0	pCi/L	TE

ANALYTICAL RESULTS

WELL BGO 34D collected on 05/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	6.1 ± 3.9	pCi/L	GE
0	Potassium-40	< 70	pCi/L	TE
0	Radium-228	< 90	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-108	< 40	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
0	Total radium	< 1.0	pCi/L	GE
2	Tritium	28 ± 0.60	pCi/mL	GE
0	Zinc-65	< 9.0	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 48.03 ft (14.03 m) below TOC
 Water elevation: 227.37 ft (69.30 m) msf
 Sp. conductance: 115 µS/cm
 Water evacuated before sampling: 307 gal

Time: 17:35
 pH: 9.7
 Alkalinity: 50 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
1	Specific conductance	103	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Acetophenone	< 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	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	18,800	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	Chloroethane (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	6.4	µg/L	GE
0	Magnesium	238	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrate as nitrogen	1,100	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	7,040	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,450	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 dissolved solids	70,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 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	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-Dichloropropene	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE

WELL BGO 35C collected on 04/29/90, 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	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
0	Cerium-141	< 20	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	< 6.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	GE
0	Iodine-131	< 900	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	Nonvolatile beta	< 2.0	pCi/L	GE
0	Potassium-40	< 50	pCi/L	TE
0	Radium-228	< 70	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-108	< 30	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	8.1 ± 0.40	pCi/mL	GE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 40.24 ft (12.27 m) below TOC
 Water elevation: 233.26 ft (71.10 m) msf
 Sp. conductance: 39 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 16:30
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	47	µS/cm	GE
0	Turbidity	84	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	313	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane (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	< 0.0080	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	108	µg/L	GE
0	Lead	6.3	µg/L	GE
0	Magnesium	249	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
1	Nitrate as nitrogen	3,450	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,450	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,820	µg/L	GE
0	Sulfate	1,100	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 36D collected on 04/29/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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-Dichloropropene	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.030	µg/L	GE
0	2,4,6-TP (Silvex)	< 0.080	µg/L	GE
0	Barium-140	< 200	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	Gross alpha	< 2.0	pCi/L	GE
0	Iodine-131	< 1,000	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	Nonvolatile beta	2.0 ± 5.0	pCi/L	GE
0	Potassium-40	< 70	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	Thorium-228	< 10	pCi/L	TE
1	Total activity	708 ± 6.0	pCi/ml	EM
0	Total radium	< 1.0	pCi/L	GE
2	Tritium	931 ± 3.1	pCi/ml	GE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-85	< 8.0	pCi/L	TE

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 39.88 ft (12.18 m) below TOC
 Water elevation: 235.44 ft (71.76 m) msl
 Sp. conductance: 36 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 13:00
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 23.2 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Specific conductance	29	µS/cm	GE
0	Turbidity	442	NTU	GE
0	Turbidity	443	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Barium	19	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	420	µg/L	GE
0	Calcium	387	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,800	µg/L	GE
0	Chloride	3,900	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE

WELL BGO 36D collected on 05/01/00, 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	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-1,3-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	< 0.0080	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	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	28	µg/L	GE
0	Lead	18	µg/L	GE
1	Lead	22	µg/L	GE
0	Magnesium	402	µg/L	GE
0	Magnesium	388	µg/L	GE
1	Manganese	37	µg/L	GE
1	Manganese	35	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrate as nitrogen	1,050	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	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	5,740	µg/L	GE
0	Silica	8,340	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,380	µg/L	GE
0	Sodium	3,520	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	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	8,000	µg/L	GE
0	Total dissolved solids	7,000	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	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	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 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
1	1,1,1-Trichloroethane	8.0	µg/L	GE
1	1,1,1-Trichloroethane	4.0	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

ANALYTICAL RESULTS

WELL BGO 36D collected on 05/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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)	< 0.080	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.080	µg/L	GE
0	Barium-140	< 100	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	< 3.0	pCi/L	TE
0	Cesium-137	< 3.0	pCi/L	TE
0	Cobalt-58	< 5.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Gross alpha	2.1 ± 2.8	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Iodine-131	< 1,000	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	Nonvolatile beta	3.5 ± 5.3	pCi/L	GE
0	Nonvolatile beta	3.2 ± 5.2	pCi/L	GE
0	Potassium-40	< 50	pCi/L	TE
0	Radium-226	< 70	pCi/L	TE
0	Ruthenium-103	< 9.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
2	Tritium	30 ± 0.80	pCi/mL	GE
2	Tritium	29 ± 0.60	pCi/mL	GE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE

WELL BGO 37C collected on 04/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bismuth	< 2.0	µg/L	GE
1	Silica	11,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	5,710	µg/L	GE
0	Sulfate	1,200	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	513	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
1	trans-1,2-Dichloroethene	1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	838	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
1	1,1-Dichloroethane	5.0	µg/L	GE
1	1,1-Dichloroethylene	0.0	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	Americium-241	< 0.20	pCi/L	TE
0	Americium-243	< 0.30	pCi/L	TE
0	Barium-140	< 70	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	< 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	< 2.0	pCi/L	TE
0	Cerium-242	< 0.30	pCi/L	TE
0	Cerium-243/244	< 0.50	pCi/L	TE
0	Cerium-248	< 0.20	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	4.4 ± 1.4	pCi/L	TE
0	Iodine-129	< 3.0	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-55	< 50	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	< 10	pCi/L	TE
0	Nonvolatile beta	2.1 ± 2.2	pCi/L	GE
1	Nonvolatile beta	13 ± 2.0	pCi/L	TE
0	Plutonium-238	< 0.50	pCi/L	TE
0	Plutonium-239/240	< 0.40	pCi/L	TE
0	Plutonium-242	< 0.80	pCi/L	TE
0	Potassium-40	< 30	pCi/L	TE
0	Radium-226	< 30	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
1	Radium-228	2.5 ± 1.4	pCi/L	TE
0	Ruthenium-103	< 5.0	pCi/L	TE
0	Ruthenium-106	< 20	pCi/L	TE
0	Strontium-89	< 3.0	pCi/L	TE
0	Strontium-90	< 0.80	pCi/L	TE
0	Technetium-99	< 5.0	pCi/L	TE
0	Thorium-228	< 3.0	pCi/L	TE
1	Thorium-228	2.3 ± 1.2	pCi/L	TE
0	Thorium-230	< 0.10	pCi/L	TE
0	Thorium-232	< 0.30	pCi/L	TE
1	Total activity	15,800 ± 90	pCi/mL	EM
0	Total radium	1.8 ± 2.2	pCi/L	GE
2	Tritium	20,800 ± 10	pCi/mL	GE
2	Tritium	17,000 ± 1,000	pCi/mL	TE
0	Uranium-234	< 1.0	pCi/L	TE
0	Uranium-235	< 0.70	pCi/L	TE
0	Uranium-238	< 0.70	pCi/L	TE
0	Zinc-65	< 4.0	pCi/L	TE
0	Zirconium-95	< 3.0	pCi/L	TE

WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/90
 Depth to water: 57.24 ft (17.45 m) below TOC
 Water elevation: 228.08 ft (69.82 m) msl
 Sp. conductance: 42 µS/cm
 Water evacuated before sampling: 172 gal

Time: 16:55
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.1	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Turbidity	0.40	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoforn	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	843	µg/L	GE
2	Carbon tetrachloride	15	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
2	Chloroform	65	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	< 0.0080	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	26	µg/L	GE
0	Lead	16	µg/L	GE
0	Magnesium	472	µg/L	GE
1	Manganese	30	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrate as nitrogen	2,150	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 57.07 ft (15.87 m) below TOC
 Water elevation: 236.23 ft (72.00 m) msl
 Sp. conductance: 42 µS/cm
 Water evacuated before sampling: 0 gal
 The well went dry during purging.

Time: 12:40
 pH: 4.7
 Alkalinity: 1 mg/L
 Water temperature: 23.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Turbidity	177	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.1	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	718	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	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	85	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	214	µg/L	GE
1	Manganese	38	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
1	Nitrate as nitrogen	3,180	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	5,380	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 dissolved solids	16,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	29	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	Xylenes	< 1.0	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	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	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Barium-140	< 100	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	< 3.0	pCi/L	TE
0	Cesium-137	< 3.0	pCi/L	TE
0	Cobalt-58	< 5.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	GF
0	Iodine-131	< 1,000	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

WELL BGO 37D collected on 05/01/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Potassium-40	< 50	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	Thorium-228	< 7.0	pCi/L	TE
0	Total radium	< 1.0	pCi/L	GE
2	Tritium	28 ± 0.80	pCi/mL	GE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 57.67 ft (17.58 m) below TOC
 Water elevation: 233.93 ft (71.30 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 0 gal
 The well went dry during purging.

Time: 12:20
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Turbidity	322	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	288	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	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	< 4.0	µg/L	GE
0	Lead	8.4	µg/L	GE
0	Magnesium	740	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrate as nitrogen	1,830	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	4,880	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,840	µg/L	GE
0	Sulfate	1,200	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	4,000	µg/L	GE
0	Total organic carbon	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	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

ANALYTICAL RESULTS

WELL BGO 38D collected on 05/01/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.000	µg/L	GE
0	Barium-140	< 200	pCi/L	TE
0	Beryllium-7	< 0.0	pCi/L	TE
0	Cerium-141	< 40	pCi/L	TE
0	Cerium-144	< 80	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	Gross alpha	< 2.0	pCi/L	GE
0	Iodine-131	< 2,000	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	Nonvolatile beta	< 2.0	pCi/L	GE
0	Potassium-40	< 200	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Thorium-228	< 9.0	pCi/L	TE
0	Total radium	< 1.0	pCi/L	GE
2	Tritium	32 ± 0.70	pCi/mL	GE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 9.0	pCi/L	TE

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00 Time: 11:50
 Depth to water: 61.94 ft (18.88 m) below TOC pH: 4.1
 Water elevation: 233.76 ft (71.25 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 31 µS/cm Water temperature: 23.3°C
 Water evacuated before sampling: 4 gal
 The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Turbidity	18	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	6.6	µg/L	GE
U	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	140	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,100	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	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	11	µg/L	GE
0	Lead	6.8	µg/L	GE
0	Magnesium	105	µg/L	GE
0	Manganese	2.1	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	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	6,300	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,380	µg/L	GE
0	Sulfate	4,300	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	7,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE

WELL BGO 38D collected on 05/01/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.080	µg/L	GE
0	Barium-140	< 200	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	< 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	Gross alpha	< 2.0	pCi/L	GE
0	Iodine-131	< 2,000	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	Nonvolatile beta	< 2.0	pCi/L	GE
0	Potassium-40	< 100	pCi/L	TE
0	Radium-226	< 90	pCi/L	TE
0	Ruthenium-103	< 20	pCi/L	TE
0	Ruthenium-106	< 50	pCi/L	TE
0	Thorium-228	< 9.0	pCi/L	TE
0	Total radium	1.9 ± 3.4	pCi/L	GE
2	Tritium	42 ± 0.70	pCi/mL	GE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL BRD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00 Time: 14:00
 Depth to water: 40.32 ft (12.29 m) below TOC pH: 4.9
 Water elevation: 165.48 ft (50.44 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 51 µS/cm Water temperature: 20.7°C
 Water evacuated before sampling: 44 gal

WELL BRD 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00 Time: 12:30
 Depth to water: 38.22 ft (11.65 m) below TOC pH: 5.2
 Water elevation: 169.08 ft (51.54 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 85 µS/cm Water temperature: 22.9°C
 Water evacuated before sampling: 54 gal

WELL BRD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00 Time: 11:35
 The well was dry.

WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00 Time: 13:00
 Depth to water: 34.47 ft (10.51 m) below TOC pH: 4.9
 Water elevation: 183.43 ft (49.81 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 46 µS/cm Water temperature: 21.5°C
 Water evacuated before sampling: 90 gal

ANALYTICAL RESULTS

WELL BRD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
 Depth to water: 41.08 ft (12.52 m) below TOC
 Water elevation: 183.82 ft (49.98 m) msl
 Sp. conductance: 78 µS/cm
 Water evacuated before sampling: 47 gal

Time: 13:50
 pH: 8.4
 Alkalinity: 4 mg/L
 Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.7	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	540	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,000	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	Total dissolved solids	45,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	810	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 BRR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90
 Depth to water: 83.08 ft (25.32 m) below TOC
 Water elevation: 212.82 ft (64.87 m) msl
 Sp. conductance: 104 µS/cm
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

Time: 13:20
 pH: 6.2
 Alkalinity: 23 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	<1.7	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	<4.8	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	<1.6	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	<1.2	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	<3.1	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	<3.2	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	<1.4	ng/L	MT
0	pH	6.1	pH	MT
1	Specific conductance	101	µS/cm	MT
0	Tetrachlorodibenzodioxin	<3.5	ng/L	MT
0	Tetrachlorodibenzo-p-furan isomers	<2.3	ng/L	MT
0	a,a-Dimethylphenethylamine	<10	µg/L	MT
0	Acenaphthene	<10	µg/L	MT
0	Acenaphthylene	<10	µg/L	MT
0	Acetone	<10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	<100	µg/L	MT
0	Acetophenone	<10	µg/L	MT
0	Acrolein	<100	µg/L	MT
0	Acrylonitrile	<5.0	µg/L	MT
0	Aldrin	<0.050	µg/L	MT
0	Allyl chloride	<100	µg/L	MT
0	alpha-Benzene hexachloride	<0.050	µg/L	MT
0	Aluminum	<44	µg/L	MT
0	Aniline	<10	µg/L	MT
0	Anthracene	<10	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Aramite	<10	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	11	µg/L	MT

WELL BRR 1D collected on 08/12/90, Laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	MT
0	Benztidine	<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	Beryllium	<1.0	µg/L	MT
0	beta-Benzene hexachloride	<0.050	µg/L	MT
0	Bis(chloromethyl-ethyl) ether	<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)	<5.0	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	3,520	µg/L	MT
1	Carbon disulfide	100	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<1.0	µg/L	MT
0	Chloride	4,120	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloroprene	<5.0	µg/L	MT
2	Chromium	89	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	Diallate	<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	Dibromomethane (Methylene bromide)	<10	µg/L	MT
0	Dichlorodifluoromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dieldrin	<0.10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethoate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	MT
0	Disulfoton	<10	µg/L	MT
0	Endosulfan I	<0.050	µg/L	MT
0	Endosulfan II	<0.10	µg/L	MT
0	Endosulfan sulfate	<0.10	µg/L	MT
0	Endrin	<0.10	µg/L	MT
0	Endrin aldehyde	<0.20	µg/L	MT
0	Ethyl methacrylate	<5.0	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	MT
0	Ethyl methanesulfonate	<10	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	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)	<0.050	µg/L	MT
0	Heptachlor epoxide	<0.050	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	Hexachlorophene	<10	µg/L	MT
0	Hexachloropropene	<10	µg/L	MT
0	Ideno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodomethane (Methyl iodide)	<5.0	µg/L	MT
2	Iron	844	µg/L	MT
0	Isodrin	<10	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Isosalrole	<10	µg/L	MT
0	Kepon	<10	µg/L	MT
0	Lead	3.8	µg/L	MT
0	m-Cresol (3-Methylphenol)	<10	µg/L	MT
0	Magnesium	431	µg/L	MT
2	Manganese	76	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methacrylonitrile	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL BRR 1D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methapyrilene	< 10	µg/L	MT
0	Methoxychlor	< 0.050	µg/L	MT
0	Methyl ethyl ketone	< 10	µg/L	MT
0	Methyl methacrylate	< 5.0	µg/L	MT
0	Methyl methanesulfonate	< 10	µg/L	MT
0	N-Nitrosodi-n-butylamine	< 10	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodiethylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	N-Nitrosomethylethylamine	< 10	µg/L	MT
0	N-Nitrosomorpholine	< 10	µg/L	MT
0	N-Nitrosopiperidine	< 10	µg/L	MT
0	N-Nitrosopyrrolidine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
1	Nickel	8.2	µg/L	MT
0	Nitrate as nitrogen	620	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	o-Cresol (2-Methylphenol)	< 10	µg/L	MT
0	o-Toluidine	< 10	µg/L	MT
0	p-Cresol (4-Methylphenol)	< 10	µg/L	MT
0	p-Dimethylaminoazobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	MT
0	p,p'-DDE	< 0.10	µg/L	MT
0	p,p'-DDT	< 0.10	µg/L	MT
0	Parathion	< 10	µg/L	MT
0	Parathion methyl	< 10	µg/L	MT
0	PCB 1016	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1260	< 1.0	µg/L	MT
0	Pentachlorobenzene	< 10	µg/L	MT
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 5.0	µg/L	MT
0	Phenacetin	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Phorate	< 10	µg/L	MT
0	Potassium	566	µg/L	MT
0	Pronamid	< 10	µg/L	MT
0	Propionitrile	< 5.0	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Pyridine	< 10	µg/L	MT
0	Safrole	< 10	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	17,400	µg/L	MT
0	Styrene	< 5.0	µg/L	MT
1	Sulfate	13,700	µg/L	MT
0	Sulfide	6,800	µg/L	MT
0	Sulfide	7,080	µg/L	MT
0	Tetrachloroethylene	< 10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	< 10	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thionazin	< 10	µg/L	MT
0	Tin	< 972	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	73,000	µg/L	MT
0	Total organic carbon	2,780	µg/L	MT
2	Total organic halogens	32	µg/L	MT
0	Total phosphates	154	µg/L	MT
0	Toxaphene	< 1.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	< 10	µg/L	MT
0	Trichloroethylene	< 10	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Vinyl acetate	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	85	µg/L	MT
0	0,0,0-Triethyl phosphorothioate	< 10	µg/L	MT
0	1-Naphthylamine	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
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	< 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-Dichloroethylene	< 5.0	µg/L	MT

WELL BRR 1D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,3-Trichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	MT
0	1,3,5-Trinitrobenzene	< 10	µg/L	MT
0	1,4-Benzoquinone	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dioxane	< 10	µg/L	MT
0	1,4-Naphthoquinone	< 10	µg/L	MT
0	2-Acetylaminoofluorene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Hexanone	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Picoline	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 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	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3-Methylcholanthrene	< 10	µg/L	MT
0	3-Nitroaniline	< 50	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	3,3'-Dimethylbenzidine	< 10	µg/L	MT
0	4-Aminobiphenyl	< 10	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-Methyl-2-pentanone	< 10	µg/L	MT
0	4-Nitroaniline	< 50	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
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	MT
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 6.0	pCi/L	MT
1	Total activity	22 ± 1.3	pCi/mL	EM
0	Total radium	< 1.0	pCi/L	MT
1	Tritium	18 ± 2.0	pCi/mL	MT
1	Tritium	17 ± 2.0	pCi/mL	MT

WELL BRR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90 Time: 14:25
 Depth to water: 80.54 ft (24.55 m) below TOC
 Water elevation: 211.36 ft (64.42 m) msl
 Inaccessibility or pump failure prevented sample collection.

ANALYTICAL RESULTS

WELL BRR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/90
 Depth to water: 80.67 ft (24.59 m) below TOC
 Water elevation: 211.23 ft (64.38 m) msl
 Sp. conductance: 225 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 15:35
 pH: 6.5
 Alkalinity: 65 mg/L
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 1.5	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.88	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 1.7	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 1.4	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 3.3	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 4.0	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 6.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 2.4	ng/L	MT
0	pH	6.5	pH	MT
1	Specific conductance	206	µS/cm	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 1.5	ng/L	MT
0	Tetrachlorodibenzo-p-furan isomers	< 2.3	ng/L	MT
0	a,a-Dimethylphenethylamine	< 10	µg/L	MT
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Acetone	< 10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	MT
0	Acetophenone	< 10	µg/L	MT
0	Acrolein	< 100	µg/L	MT
0	Acrylonitrile	< 5.0	µg/L	MT
0	Aldrin	< 0.050	µg/L	MT
0	Allyl chloride	< 100	µg/L	MT
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	Aluminum	< 44	µg/L	MT
0	Aniline	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Aramite	< 10	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	19	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
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	beta-Benzene hexachloride	< 0.050	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	< 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)	< 5.0	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
1	Calcium	17,900	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chlordane	< 1.0	µg/L	MT
0	Chloride	4,950	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzilate	< 10	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroethene (Vinyl chloride)	< 5.0	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloroprene	< 5.0	µg/L	MT
1	Chromium	22	µg/L	MT

WELL BRR 2D collected on 06/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chrysenes	< 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	Diallylate	< 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	Dibromomethane (Methylene bromide)	< 10	µg/L	MT
0	Dichlorodifluoromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	5.0	µg/L	MT
0	Dieldrin	< 0.10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethoate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Diphenylamine	< 10	µg/L	MT
0	Disulfoton	< 10	µg/L	MT
0	Endosulfan I	< 0.050	µg/L	MT
0	Endosulfan II	< 0.10	µg/L	MT
0	Endosulfan sulfate	< 0.10	µg/L	MT
0	Endrin	< 0.10	µg/L	MT
0	Endrin aldehyde	< 0.20	µg/L	MT
0	Ethyl methacrylate	< 5.0	µg/L	MT
0	Ethyl methacrylate	< 10	µg/L	MT
0	Ethyl methanesulfonate	< 10	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Famphur	< 10	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)	< 0.050	µg/L	MT
0	Heptachlor epoxide	< 0.050	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	Hexachlorophene	< 10	µg/L	MT
0	Hexachloropropene	< 10	µg/L	MT
0	Ideno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodomethane (Methyl iodide)	< 5.0	µg/L	MT
0	Iron	46	µg/L	MT
0	Isodrin	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Isosalrole	< 10	µg/L	MT
0	Kepones	< 10	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	m-Cresol (3-Methylphenol)	< 10	µg/L	MT
0	Magnesium	416	µg/L	MT
2	Manganese	135	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methacrylonitrile	< 5.0	µg/L	MT
0	Methapyrilene	< 10	µg/L	MT
0	Methoxychlor	< 0.050	µg/L	MT
0	Methyl ethyl ketone	< 10	µg/L	MT
0	Methyl methacrylate	< 5.0	µg/L	MT
0	Methyl methanesulfonate	< 10	µg/L	MT
0	N-Nitrosodi-n-butylamine	< 10	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodiethylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	N-Nitrosomethylethylamine	< 10	µg/L	MT
0	N-Nitrosomorpholine	< 10	µg/L	MT
0	N-Nitrosopiperidine	< 10	µg/L	MT
0	N-Nitrosopyrrolidine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
1	Nickel	16	µg/L	MT
0	Nitrate as nitrogen	1,710	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	o-Cresol (2-Methylphenol)	< 10	µg/L	MT
0	o-Toluidine	< 10	µg/L	MT
0	p-Cresol (4-Methylphenol)	< 10	µg/L	MT
0	p-Dimethylaminoazobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	MT
0	p,p'-DDE	< 0.10	µg/L	MT
0	p,p'-DDT	< 0.10	µg/L	MT
0	Parathion	< 10	µg/L	MT
0	Parathion methyl	< 10	µg/L	MT
0	PCB 1016	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1260	< 1.0	µg/L	MT

ANALYTICAL RESULTS

WELL B1R 2D collected on 06/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Pentachlorobenzene	< 10	µg/L	MT
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenacetin	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Phorate	< 10	µg/L	MT
0	Potassium	2,280	µg/L	MT
0	Pronamid	< 10	µg/L	MT
0	Propionitrile	< 5.0	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Pyridine	< 10	µg/L	MT
0	Safrole	< 10	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	811	µg/L	MT
0	Silver	< 0.80	µg/L	MT
1	Sodium	21,900	µg/L	MT
0	Styrene	< 5.0	µg/L	MT
1	Sulfate	17,400	µg/L	MT
0	Sulfide	2,380	µg/L	MT
0	Tetrachloroethylene	< 10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	< 10	µg/L	MT
0	Thallium	< 2.0	µg/L	MT
0	Thionazin	< 10	µg/L	MT
0	Tin	< 972	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	144,000	µg/L	MT
0	Total dissolved solids	149,000	µg/L	MT
1	Total organic carbon	5,220	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	90	µg/L	MT
0	Toxaphene	< 1.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	< 10	µg/L	MT
0	Trichloroethylene	< 10	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Vinyl acetate	< 5.0	µg/L	MT
1	Xylenes	< 5.0	µg/L	MT
1	Zinc	264	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	MT
0	1-Naphthylamine	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
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	< 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-Dichloroethylene	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,3-Trichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	MT
0	1,3,5-Trinitrobenzene	< 10	µg/L	MT
0	1,4-Benzoquinone	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dioxane	< 10	µg/L	MT
0	1,4-Naphthoquinone	< 10	µg/L	MT
0	2-Acetylaminofluorene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Hexanone	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Picoline	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 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	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	< 0.070	µg/L	MT
0	2,4,8-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3-Methylcholanthrene	< 10	µg/L	MT

WELL B1R 2D collected on 06/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	3-Nitroaniline	< 50	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	3,3'-Dimethylbenzidine	< 10	µg/L	MT
0	4-Aminobiphenyl	< 10	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-Methyl-2-pentanone	< 10	µg/L	MT
0	4-Nitroaniline	< 50	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
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	MT
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	7.1 ± 3.7	pCi/L	MT
1	Total activity	138 ± 3.0	pCi/mL	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	110 ± 20	pCi/mL	MT

WELL BRR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90
 Depth to water: 80.67 ft (24.59 m) below TOC
 Water elevation: 211.03 ft (64.32 m) msl
 Sp. conductance: 78 µS/cm
 Water evacuated before sampling: 25 gal
 The well went dry during purging.

Time: 13:40
 pH: 5.1
 Alkalinity: 2 mg/L
 Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 1.3	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 1.2	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 1.5	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 2.1	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 0.47	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 3.0	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 6.0	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 1.3	ng/L	MT
0	pH	5.3	pH	MT
0	Specific conductance	69	µS/cm	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 4.3	ng/L	MT
0	Tetrachlorodibenzo-p-furan isomers	< 2.3	ng/L	MT
0	a,a-Dimethylphenethylamine	< 10	µg/L	MT
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Acetone	< 10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	MT
0	Acetophenone	< 10	µg/L	MT
0	Acrolein	< 100	µg/L	MT
0	Acrylonitrile	< 5.0	µg/L	MT
0	Aldrin	< 0.050	µg/L	MT
0	Allyl chloride	< 100	µg/L	MT
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	Aluminum	< 44	µg/L	MT
0	Aniline	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Aramite	< 10	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	23	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
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	beta-Benzene hexachloride	< 0.050	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	< 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 1.0	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromofom	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 5.0	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT

ANALYTICAL RESULTS

WELL BRR 3D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Calcium	2,710	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<1.0	µg/L	MT
0	Chloride	2,800	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloroprene	<5.0	µg/L	MT
2	Chromium	427	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	Diallate	<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	Dibromomethane (Methylene bromide)	<10	µg/L	MT
0	Dichlorodifluoromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dieldrin	<0.10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethoate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	MT
0	Disulfoton	<10	µg/L	MT
0	Endosulfan I	<0.050	µg/L	MT
0	Endosulfan II	<0.10	µg/L	MT
0	Endosulfan sulfate	<0.10	µg/L	MT
0	Endrin	<0.10	µg/L	MT
0	Endrin aldehyde	<0.20	µg/L	MT
0	Ethyl methacrylate	<5.0	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	MT
0	Ethyl methanesulfonate	<10	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	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)	<0.050	µg/L	MT
0	Heptachlor epoxide	<0.050	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	Hexachlorophene	<10	µg/L	MT
0	Hexachloropropene	<10	µg/L	MT
0	Ideno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodomethane (Methyl iodide)	<5.0	µg/L	MT
2	Iron	1,630	µg/L	MT
0	Isodrin	<10	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Isosafrole	<10	µg/L	MT
0	Kepon	<10	µg/L	MT
1	Lead	24	µg/L	MT
0	m-Cresol (3-Methylphenol)	<10	µg/L	MT
0	Magnesium	1,180	µg/L	MT
2	Manganese	192	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methacrylonitrile	<5.0	µg/L	MT
0	Methapyrilene	<10	µg/L	MT
0	Methoxychlor	<0.050	µg/L	MT
0	Methyl ethyl ketone	<10	µg/L	MT
0	Methyl methacrylate	<5.0	µg/L	MT
0	Methyl methanesulfonate	<10	µg/L	MT
0	N-Nitrosodi-n-butylamine	<10	µg/L	MT
0	N-Nitrosodi-propylamine	<10	µg/L	MT
0	N-Nitrosodiethylamine	<10	µg/L	MT
0	N-Nitrosodimethylamine	<10	µg/L	MT
0	N-Nitrosodiphenylamine	<10	µg/L	MT
0	N-Nitrosomethylethylamine	<10	µg/L	MT
0	N-Nitrosomorpholine	<10	µg/L	MT
0	N-Nitrosopiperidine	<10	µg/L	MT
0	N-Nitrosopyrrolidine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
1	Nickel	13	µg/L	MT
1	Nitrate as nitrogen	3,500	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	o-Cresol (2-Methylphenol)	<10	µg/L	MT
0	o-Toluidine	<10	µg/L	MT
0	p-Cresol (4-Methylphenol)	<10	µg/L	MT

WELL BRR 3D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	p-Dimethylaminoazobenzene	<10	µg/L	MT
0	p-Phenylenediamine	<10	µg/L	MT
0	p,p'-DDE	<0.10	µg/L	MT
0	p,p'-DDT	<0.10	µg/L	MT
0	Parathion	<10	µg/L	MT
0	Parathion methyl	<10	µg/L	MT
0	PCB 1018	<0.50	µg/L	MT
0	PCB 1221	<0.50	µg/L	MT
0	PCB 1232	<0.50	µg/L	MT
0	PCB 1242	<0.50	µg/L	MT
0	PCB 1248	<0.50	µg/L	MT
0	PCB 1254	<1.0	µg/L	MT
0	PCB 1260	<1.0	µg/L	MT
0	Pentachlorobenzene	<10	µg/L	MT
0	Pentachloroethane	<5.0	µg/L	MT
0	Pentachloroethane	<10	µg/L	MT
0	Pentachloronitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenacetin	<10	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Phorate	<10	µg/L	MT
0	Potassium	595	µg/L	MT
0	Pronamid	<10	µg/L	MT
0	Propionitrile	<5.0	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Pyridine	<10	µg/L	MT
0	Safrole	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,000	µg/L	MT
0	Silver	<0.80	µg/L	MT
1	Sodium	6,210	µg/L	MT
0	Styrene	<5.0	µg/L	MT
0	Sulfate	2,110	µg/L	MT
0	Sulfide	9,110	µg/L	MT
0	Tetrachloroethylene	<10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thionazin	<10	µg/L	MT
0	Tin	<0.72	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	58,000	µg/L	MT
0	Total organic carbon	2,710	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	82	µg/L	MT
0	Toxaphene	<1.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	<10	µg/L	MT
0	Trichloroethylene	<10	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vinyl acetate	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	114	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	MT
0	1-Naphthylamine	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
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	<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-Dichloroethylene	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2,3-Trichloropropane	<5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,3-Dinitrobenzene	<10	µg/L	MT
0	1,3,5-Trinitrobenzene	<10	µg/L	MT
0	1,4-Benzoquinone	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dioxane	<10	µg/L	MT
0	1,4-Naphthoquinone	<10	µg/L	MT
0	2-Acetylnaphthalene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	MT
0	2-Hexanone	<10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	MT
0	2-Methylnaphthalene	<10	µg/L	MT
0	2-Naphthylamine	<10	µg/L	MT
0	2-Nitroaniline	<50	µg/L	MT
0	2-Picoline	<10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	MT

ANALYTICAL RESULTS

WELL BRR 4D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	N-Nitrosomethylethylamine	< 10	µg/L	MT
0	N-Nitrosomorpholine	< 10	µg/L	MT
0	N-Nitrosopiperidine	< 10	µg/L	MT
0	N-Nitrosopyrrolidine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
1	Nickel	11	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	o-Cresol (2-Methylphenol)	< 10	µg/L	MT
0	o-Toluidine	< 10	µg/L	MT
0	p-Cresol (4-Methylphenol)	< 10	µg/L	MT
0	p-Dimethylaminoazobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	MT
0	p,p'-DDE	< 0.10	µg/L	MT
0	p,p'-DDT	< 0.10	µg/L	MT
0	Parathion	< 10	µg/L	MT
0	Parathion methyl	< 10	µg/L	MT
0	PCB 1018	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1260	< 1.0	µg/L	MT
0	Pentachlorobenzene	< 10	µg/L	MT
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenacetin	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Phorate	< 10	µg/L	MT
0	Potassium	869	µg/L	MT
0	Pronamid	< 10	µg/L	MT
0	Propionitrile	< 5.0	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Pyridine	< 10	µg/L	MT
0	Safrole	< 10	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	11,400	µg/L	MT
0	Silver	< 0.60	µg/L	MT
1	Sodium	44,900	µg/L	MT
0	Styrene	< 5.0	µg/L	MT
1	Sulfate	49,200	µg/L	MT
0	Sulfide	2,520	µg/L	MT
0	Tetrachloroethylene	< 10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	< 10	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thionazin	< 10	µg/L	MT
0	Tin	< 972	µg/L	MT
1	Toluene	5.0	µg/L	MT
0	Total dissolved solids	132,000	µg/L	MT
0	Total dissolved solids	129,000	µg/L	MT
0	Total organic carbon	3,170	µg/L	MT
1	Total organic halogens	15	µg/L	MT
0	Total phosphates	58	µg/L	MT
0	Toxaphene	< 1.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	< 10	µg/L	MT
0	Trichloroethylene	< 10	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Vinyl acetate	< 5.0	µg/L	MT
1	Xylenes	2.0	µg/L	MT
0	Zinc	38	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	MT
0	1-Naphthylamine	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
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	< 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-Dichloroethylene	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,3-Trichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	MT
0	1,3,5-Trinitrobenzene	< 10	µg/L	MT
0	1,4-Benzoquinone	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT

WELL BRR 4D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,4-Dioxane	< 10	µg/L	MT
0	1,4-Naphthoquinone	< 10	µg/L	MT
0	2-Acetylaminofluorene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Hexanone	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Picoline	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 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	2,4,5-Trichlorophenoxyacetic acid	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3-Methylcholanthrene	< 10	µg/L	MT
0	3-Nitroaniline	< 50	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	3,3'-Dimethylbenzidine	< 10	µg/L	MT
0	4-Aminobiphenyl	< 10	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-Methyl-2-pentanone	< 10	µg/L	MT
0	4-Nitroaniline	< 50	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
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	MT
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	MT
1	Gross alpha	7.3 ± 3.0	pCi/L	MT
0	Nonvolatile beta	8.0 ± 4.1	pCi/L	MT
1	Total activity	53 ± 1.8	pCi/mL	EM
0	Total radium	1.1 ± 0.30	pCi/L	MT
2	Tritium	21 ± 3.0	pCi/ml	MT

WELL BRR 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90
 Depth to water: 84.41 ft (25.73 m) below TOC
 Water elevation: 210.19 ft (64.07 m) msl
 Sp. conductance: 95 µS/cm
 Water evacuated before sampling: 1 gal
 There was insufficient water to fill all or some sample bottles.

Time: 14.30
 pH: 5.9
 Alkalinity: 33 mg/L
 Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 2.3	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 1.7	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 1.4	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 1.5	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.7	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 4.1	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 5.7	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 1.7	ng/L	MT
0	pH	6.0	pH	MT
0	Specific conductance	99	µS/cm	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 2.9	ng/L	MT
0	Tetrachlorodibenzo-p-furan isomers	< 2.9	ng/L	MT
0	a,a-Dimethylphenethylamine	< 10	µg/L	MT
0	Aconaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Acetone	< 10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	MT
0	Acetophenone	< 10	µg/L	MT
0	Acrolein	< 100	µg/L	MT
0	Acrylonitrile	< 5.0	µg/L	MT
0	Alidin	< 0.050	µg/L	MT
0	Allyl chloride	< 100	µg/L	MT
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	Aluminum	73	µg/L	MT
0	Aniline	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 3.0	µg/L	MT

ANALYTICAL RESULTS

WELL BRR 5D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Aramite	<10	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Azobenzene	<10	µg/L	MT
0	Barium	7.8	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
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	beta-Benzene hexachloride	<0.050	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	<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 2.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<5.0	µg/L	MT
0	Butylbenzyl phthalate	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	1,580	µg/L	MT
0	Carbon disulfide	<5.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chlordane	<1.0	µg/L	MT
0	Chloride	4,440	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzilate	<10	µg/L	MT
0	Chloroethane	<10	µg/L	MT
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloroprene	<5.0	µg/L	MT
2	Chromium	45	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	Diallate	<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	Dibromomethane (Methylene bromide)	<10	µg/L	MT
0	Dichlorodifluoromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dieldrin	<0.10	µg/L	MT
0	Diethyl phthalate	<10	µg/L	MT
0	Dimethoate	<10	µg/L	MT
0	Dimethyl phthalate	<10	µg/L	MT
0	Diphenylamine	<10	µg/L	MT
0	Disulfoton	<10	µg/L	MT
0	Endosulfan I	<0.050	µg/L	MT
0	Endosulfan II	<0.10	µg/L	MT
0	Endosulfan sulfate	<0.10	µg/L	MT
0	Endrin	<0.10	µg/L	MT
0	Endrin aldehyde	<0.20	µg/L	MT
0	Ethyl methacrylate	<5.0	µg/L	MT
0	Ethyl methacrylate	<10	µg/L	MT
0	Ethyl methanesulfonate	<10	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Famphur	<10	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)	<0.050	µg/L	MT
1	Heptachlor epoxide	J 0.0040	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	Hexachlorophene	<10	µg/L	MT
0	Hexachloropropene	<10	µg/L	MT
0	Iodeno[1,2,3-c,d]pyrene	<10	µg/L	MT
0	Iodomethane (Methyl iodide)	<5.0	µg/L	MT
1	Iron	185	µg/L	MT
0	Isodrin	<10	µg/L	MT
0	Isophorone	<10	µg/L	MT
0	Isosafrole	<10	µg/L	MT
0	Kepone	<10	µg/L	MT
0	Lead	3.1	µg/L	MT
0	m-Cresol (3-Methylphenol)	<10	µg/L	MT

WELL BRR 5D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	251	µg/L	MT
1	Manganese	38	µg/L	MT
0	Mercury	0.20	µg/L	MT
0	Methacrylonitrile	<5.0	µg/L	MT
0	Methapyrene	<10	µg/L	MT
0	Methoxychlor	<0.050	µg/L	MT
0	Methyl ethyl ketone	<10	µg/L	MT
0	Methyl methacrylate	<5.0	µg/L	MT
0	Methyl methanesulfonate	<10	µg/L	MT
0	N-Nitrosodi-n-butylamine	<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	N-Nitrosomethylethylamine	<10	µg/L	MT
0	N-Nitrosomorpholine	<10	µg/L	MT
0	N-Nitrosopiperidine	<10	µg/L	MT
0	N-Nitrosopyrrolidine	<10	µg/L	MT
0	Naphthalene	<10	µg/L	MT
0	Nickel	6.1	µg/L	MT
0	Nitrate as nitrogen	720	µg/L	MT
0	Nitrobenzene	<10	µg/L	MT
0	o-Cresol (2-Methylphenol)	<10	µg/L	MT
0	o-Toluidine	<10	µg/L	MT
0	p-Cresol (4-Methylphenol)	<10	µg/L	MT
0	p-Dimethylaminoazobenzene	<10	µg/L	MT
0	p-Phenylenediamine	<10	µg/L	MT
0	p,p'-DDE	<0.10	µg/L	MT
0	p,p'-DDT	<0.10	µg/L	MT
0	Parathion	<10	µg/L	MT
0	Parathion methyl	<10	µg/L	MT
0	PCB 1016	<0.50	µg/L	MT
0	PCB 1221	<0.50	µg/L	MT
0	PCB 1232	<0.50	µg/L	MT
0	PCB 1242	<0.50	µg/L	MT
0	PCB 1248	<0.50	µg/L	MT
0	PCB 1254	<1.0	µg/L	MT
0	PCB 1260	<1.0	µg/L	MT
0	Pentachlorobenzene	<10	µg/L	MT
0	Pentachloroethane	<5.0	µg/L	MT
0	Pentachloroethene	<10	µg/L	MT
0	Pentachloronitrobenzene	<10	µg/L	MT
0	Pentachlorophenol	<50	µg/L	MT
0	Phenacetin	<10	µg/L	MT
0	Phenanthrene	<10	µg/L	MT
0	Phenols	<10	µg/L	MT
0	Phorate	<10	µg/L	MT
0	Potassium	4,600	µg/L	MT
0	Pronamid	<10	µg/L	MT
0	Propionitrile	<5.0	µg/L	MT
0	Pyrene	<10	µg/L	MT
0	Pyridine	<10	µg/L	MT
0	Safrole	<10	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,300	µg/L	MT
0	Silver	<0.80	µg/L	MT
1	Sodium	13,900	µg/L	MT
0	Styrene	<5.0	µg/L	MT
0	Sulfate	9,350	µg/L	MT
0	Sulfide	2,280	µg/L	MT
0	Tetrachloroethylene	<10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Thionazin	<10	µg/L	MT
0	Tin	<0.72	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	70,000	µg/L	MT
0	Total organic carbon	1,270	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	73	µg/L	MT
0	Toxaphene	<1.0	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	<10	µg/L	MT
0	Trichloroethylene	<10	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Vanadium	<3.0	µg/L	MT
0	Vinyl acetate	<5.0	µg/L	MT
0	Xylenes	<5.0	µg/L	MT
0	Zinc	69	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	MT
0	1-Naphthylamine	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
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	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL BRR 5D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethylene	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,3-Trichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	MT
0	1,3,5-Trinitrobenzene	< 10	µg/L	MT
0	1,4-Benzoquinone	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dioxane	< 10	µg/L	MT
0	1,4-Naphthoquinone	< 10	µg/L	MT
0	2-Acetylaminofluorene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Hexanone	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Picoline	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 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	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3-Methylcholanthrene	< 10	µg/L	MT
0	3-Nitroaniline	< 50	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	3,3'-Dimethylbenzidine	< 10	µg/L	MT
0	4-Aminobiphenyl	< 10	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-Methyl-2-pentanone	< 10	µg/L	MT
0	4-Nitroaniline	< 50	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
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	MT
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	MT
0	Gross alpha	2.8 ± 2.1	pCi/L	MT
0	Nonvolatile beta	< 6.0	pCi/L	MT
1	Total activity	12 ± 1.2	pCi/ml	EM
0	Total radium	< 1.0	pCi/L	MT
1	Tritium	13 ± 2.0	pCi/ml	MT

WELL CBR 1D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Acetone	< 10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	MT
0	Acetophenone	< 10	µg/L	MT
0	Acrolein	< 100	µg/L	MT
0	Acrylonitrile	< 8.0	µg/L	MT
0	Aldrin	< 0.050	µg/L	MT
0	Allyl chloride	< 100	µg/L	MT
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	Aluminum	88	µg/L	MT
0	Aniline	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Aramite	< 10	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	6.6	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
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	beta-Benzene hexachloride	< 0.050	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	< 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	12	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 5.0	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	881	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chlordane	< 1.0	µg/L	MT
0	Chloride	3,000	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzilate	< 10	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroethene (Vinyl chloride)	< 5.0	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloroprene	< 5.0	µg/L	MT
2	Chromium	35	µg/L	MT
0	Chrysenes	< 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	Diallate	< 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	Dibromomethane (Methylene bromide)	< 10	µg/L	MT
0	Dichlorodifluoromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dieldrin	< 0.10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethoate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Diphenylamine	< 10	µg/L	MT
0	Disulfoton	< 10	µg/L	MT
0	Endosulfan I	< 0.050	µg/L	MT
0	Endosulfan II	< 0.10	µg/L	MT
0	Endosulfan sulfate	< 0.10	µg/L	MT
0	Endrin	< 0.10	µg/L	MT
0	Endrin aldehyde	< 0.20	µg/L	MT
0	Ethyl methacrylate	< 5.0	µg/L	MT
0	Ethyl methacrylate	< 10	µg/L	MT
0	Ethyl methanesulfonate	< 10	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Famphur	< 10	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)	< 0.050	µg/L	MT
0	Heptachlor epoxide	< 0.050	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	MT

WELL CBR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90
 Depth to water: 52.36 ft (15.96 m) below TOC
 Water elevation: 248.24 ft (75.68 m) msl
 Sp. conductance: 54 µS/cm
 Water evacuated before sampling: 15 gal
 The well went dry during purging

Time: 12:15
 pH: 5.6
 Alkalinity: 4 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin isomers	< 1.8	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 1.7	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 2.5	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 1.5	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 0.95	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 7.0	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 10	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 2.4	ng/L	MT
0	pH	5.7	pH	MT
0	pH	5.7	pH	MT
0	Specific conductance	49	µS/cm	MT
0	Specific conductance	49	µS/cm	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 3.0	ng/L	MT
0	Tetrachlorodibenzo-p-furan isomers	< 5.4	ng/L	MT
0	a,a-Dimethylphenethylamine	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL OBR 1D collected on 08/12/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	MT
0	Hexachlorophene	< 10	µg/L	MT
0	Hexachloropropene	< 10	µg/L	MT
0	Ideno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodomethane (Methyl iodide)	< 5.0	µg/L	MT
0	Iron	144	µg/L	MT
0	Isodrin	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Isosafrole	< 10	µg/L	MT
0	Keponc	< 10	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	m-Cresol (3-Methylphenol)	< 10	µg/L	MT
0	Magnesium	110	µg/L	MT
0	Manganese	11	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methacrylonitrile	< 5.0	µg/L	MT
0	Methapyrene	< 10	µg/L	MT
0	Methoxychlor	< 0.050	µg/L	MT
0	Methyl ethyl ketone	< 10	µg/L	MT
0	Methyl methacrylate	< 5.0	µg/L	MT
0	Methyl methanesulfonate	< 10	µg/L	MT
0	N-Nitrosodi-n-butylamine	< 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	N-Nitrosomethylamine	< 10	µg/L	MT
0	N-Nitrosomorpholine	< 10	µg/L	MT
0	N-Nitrosopiperidine	< 10	µg/L	MT
0	N-Nitrosopyrrolidine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	4.8	µg/L	MT
0	Nitrate as nitrogen	860	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	o-Cresol (2-Methylphenol)	< 10	µg/L	MT
0	o-Toluidine	< 10	µg/L	MT
0	p-Cresol (4-Methylphenol)	< 10	µg/L	MT
0	p-Dimethylaminoozobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	MT
0	p,p'-DDE	< 0.10	µg/L	MT
0	p,p'-DDT	< 0.10	µg/L	MT
0	Parathion	< 10	µg/L	MT
0	Parathion methyl	< 10	µg/L	MT
0	PCB 1016	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1260	< 1.0	µg/L	MT
0	Pentachlorobenzene	< 10	µg/L	MT
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenacetin	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phorate	< 10	µg/L	MT
0	Potassium	751	µg/L	MT
0	Pronamid	< 10	µg/L	MT
0	Propionitrile	< 5.0	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Pyridine	< 10	µg/L	MT
0	Safrole	< 10	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	13,200	µg/L	MT
0	Silver	< 0.60	µg/L	MT
0	Sodium	7,890	µg/L	MT
0	Styrene	< 5.0	µg/L	MT
0	Sulfate	5,430	µg/L	MT
0	Sulfide	2,600	µg/L	MT
0	Tetrachloroethylene	< 10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	< 10	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thionazin	< 10	µg/L	MT
0	Tin	< 972	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	19,000	µg/L	MT
0	Total organic carbon	1,480	µg/L	MT
0	Total organic halogens	5.5	µg/L	MT
0	Total phosphates	112	µg/L	MT
0	Toxaphene	< 1.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	< 10	µg/L	MT
0	Trichloroethylene	< 10	µg/L	MT

WELL OBR 1D collected on 08/12/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Vinyl acetate	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	24	µg/L	MT
0	O,O'-Triethyl phosphorothioate	< 10	µg/L	MT
0	1-Naphthylamine	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
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	< 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-Dichloroethylene	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,3-Trichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	MT
0	1,3,5-Trinitrobenzene	< 10	µg/L	MT
0	1,4-Benzoquinone	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dioxane	< 10	µg/L	MT
0	1,4-Naphthoquinone	< 10	µg/L	MT
0	2-Acetylaminofluorene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Hexanone	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Picoline	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 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)	J 0.020	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3-Methylcholanthrene	< 10	µg/L	MT
0	3-Nitroaniline	< 50	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	3,3'-Dimethylbenzidine	< 10	µg/L	MT
0	4-Aminobiphenyl	< 10	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-Methyl-2-pentanone	< 10	µg/L	MT
0	4-Nitroaniline	< 50	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
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	MT
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 5.0	pCi/L	MT
1	Total activity	4.2 ± 1.0	pCi/mL	EM
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	2.2 ± 0.30	pCi/mL	MT

ANALYTICAL RESULTS

WELL CBR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90
 Depth to water: 53.07 ft (16.18 m) below TOC
 Water elevation: 247.83 ft (75.54 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 38 gal

Time: 11:45
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Heptachlorodibenzo-p-dioxin Isomers	< 1.9	ng/L	MT
0	Heptachlorodibenzo-p-furan Isomers	< 1.2	ng/L	MT
0	Hexachlorodibenzo-p-dioxin Isomers	< 1.5	ng/L	MT
0	Hexachlorodibenzo-p-furan Isomers	< 1.4	ng/L	MT
0	Octachlorodibenzo-p-dioxin Isomers	< 1.3	ng/L	MT
0	Octachlorodibenzo-p-furan Isomers	< 2.0	ng/L	MT
0	Pentachlorodibenzo-p-dioxin Isomers	< 7.5	ng/L	MT
0	Pentachlorodibenzo-p-furan Isomers	< 1.7	ng/L	MT
0	pH	5.0	pH	MT
0	Specific conductance	35	µS/cm	MT
0	Tetrachlorodibenzo-p-dioxin Isomers	< 2.8	ng/L	MT
0	Tetrachlorodibenzo-p-furan Isomers	< 2.2	ng/L	MT
0	α,α-Dimethylphenethylamine	< 10	µg/L	MT
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	MT
0	Acetone	< 10	µg/L	MT
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	MT
0	Acetophenone	< 10	µg/L	MT
0	Acrolein	< 100	µg/L	MT
0	Acrylonitrile	< 5.0	µg/L	MT
0	Aldrin	< 0.050	µg/L	MT
0	Allyl chloride	< 100	µg/L	MT
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	Aluminum	63	µg/L	MT
0	Aniline	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Aramite	< 10	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Azobenzene	< 10	µg/L	MT
0	Barium	34	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
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	beta-Benzene hexachloride	< 0.050	µg/L	MT
0	Bis(chloromethyl) ether	< 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)	< 5.0	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Calcium	403	µg/L	MT
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chlordane	< 1.0	µg/L	MT
0	Chloride	3,160	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzilate	< 10	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroethene (Vinyl chloride)	< 5.0	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloroprene	< 5.0	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	Diallate	< 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

WELL CBR 2D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dibromomethane (Methylene bromide)	< 10	µg/L	MT
0	Dichlorodifluoromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dieldrin	< 0.10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	MT
0	Dimethoate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	MT
0	Diphenylamine	< 10	µg/L	MT
0	Disulfoton	< 10	µg/L	MT
0	Endosulfan I	< 0.050	µg/L	MT
0	Endosulfan II	< 0.10	µg/L	MT
0	Endosulfan sulfate	< 0.10	µg/L	MT
0	Endrin	< 0.10	µg/L	MT
0	Endrin aldehyde	< 0.20	µg/L	MT
0	Ethyl methacrylate	< 5.0	µg/L	MT
0	Ethyl methacrylate	< 10	µg/L	MT
0	Ethyl methanesulfonate	< 10	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Famphur	< 10	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)	< 0.050	µg/L	MT
0	Heptachlor epoxide	< 0.050	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	Hexachlorophene	< 10	µg/L	MT
0	Hexachloropropene	< 10	µg/L	MT
0	Ideno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Iodomethane (Methyl iodide)	< 5.0	µg/L	MT
0	Iron	24	µg/L	MT
0	Isodrin	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	MT
0	Isosafrole	< 10	µg/L	MT
0	Kapone	< 10	µg/L	MT
0	Lead	3.9	µg/L	MT
0	m-Cresol (3-Methylphenol)	< 10	µg/L	MT
0	Magnesium	384	µg/L	MT
0	Manganese	3.8	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methacrylonitrile	< 5.0	µg/L	MT
0	Methacrylonitrile	< 10	µg/L	MT
0	Methoxychlor	< 0.050	µg/L	MT
0	Methyl ethyl ketone	< 10	µg/L	MT
0	Methyl methacrylate	< 5.0	µg/L	MT
0	Methyl methanesulfonate	< 10	µg/L	MT
0	N-Nitrosodi-n-butylamine	< 10	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodiethylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	N-Nitrosomethyl ethylamine	< 10	µg/L	MT
0	N-Nitrosomorpholine	< 10	µg/L	MT
0	N-Nitrosopiperidine	< 10	µg/L	MT
0	N-Nitrosopyrrolidine	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	MT
0	Nickel	3.8	µg/L	MT
0	Nitrate as nitrogen	220	µg/L	MT
0	Nitrobenzene	< 10	µg/L	MT
0	o-Cresol (2-Methylphenol)	< 10	µg/L	MT
0	o-Toluidine	< 10	µg/L	MT
0	p-Cresol (4-Methylphenol)	< 10	µg/L	MT
0	p-Dimethylaminoazobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	MT
0	p,p'-DDE	< 0.10	µg/L	MT
0	p,p'-DDT	< 0.10	µg/L	MT
0	Parathion	< 10	µg/L	MT
0	Parathion methyl	< 10	µg/L	MT
0	PCB 1018	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1260	< 1.0	µg/L	MT
0	Pentachlorobenzene	< 10	µg/L	MT
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	MT
0	Pentachlorophenol	< 50	µg/L	MT
0	Phenacetin	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	MT
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phorate	< 10	µg/L	MT
0	Potassium	1,370	µg/L	MT
0	Pronamid	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL CBR 2D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Propionitrile	< 5.0	µg/L	MT
0	Pyrene	< 10	µg/L	MT
0	Pyridine	< 10	µg/L	MT
0	Safrole	< 10	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	15,200	µg/L	MT
0	Silver	< 0.80	µg/L	MT
0	Sodium	3,080	µg/L	MT
0	Styrene	< 5.0	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
0	Sulfide	2,220	µg/L	MT
0	Tetrachloroethylene	< 10	µg/L	MT
0	Tetraethyl dithiopyrophosphate	< 10	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thionazin	< 10	µg/L	MT
0	Tin	< 872	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	22	µg/L	MT
0	Toxaphene	< 1.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,4-Dichloro-2-butene	< 10	µg/L	MT
0	Trichloroethylene	< 10	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Vinyl acetate	< 5.0	µg/L	MT
0	Xylenes	< 5.0	µg/L	MT
0	Zinc	25	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	MT
0	1-Naphthylamine	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
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	< 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-Dichloroethylene	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2,3-Trichloropropane	< 5.0	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	MT
0	1,3,5-Trinitrobenzene	< 10	µg/L	MT
0	1,4-Benzoquinone	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dioxane	< 10	µg/L	MT
0	1,4-Naphthoquinone	< 10	µg/L	MT
0	2-Acetylaminofluorene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Hexanone	< 10	µg/L	MT
0	2-Methyl-4,6-dinitrophenol	< 5.0	µg/L	MT
0	2-Methylnaphthalene	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Nitroaniline	< 5.0	µg/L	MT
0	2-Picoline	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 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	< 5.0	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	2,4,5-Trichlorophenoxyacetic acid	< 0.070	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,6-Dichlorophenol	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	3-Methylcholanthrene	< 10	µg/L	MT
0	3-Nitroaniline	< 5.0	µg/L	MT
0	3,3'-Dichlorobenzidine	< 20	µg/L	MT
0	3,3'-Dimethylbenzidine	< 10	µg/L	MT
0	4-Aminobiphenyl	< 10	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-Methyl-2-pentanone	< 10	µg/L	MT
0	4-Nitroaniline	< 5.0	µg/L	MT
0	4-Nitrophenol	< 10	µg/L	MT
0	4-Nitroquinoline-1-oxide	< 10	µg/L	MT

WELL CBR 2D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	4,6-Dinitro-ortho-cresol	< 5.0	µg/L	MT
0	5-Nitro-o-toluidine	< 10	µg/L	MT
0	7,12-Dimethylbenz(a)anthracene	< 10	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross beta	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 6.0	pCi/L	MT
0	Nonvolatile beta	< 6.0	pCi/L	MT
1	Total activity	16 ± 1.2	pCi/ml	EM
0	Total radium	< 1.0	pCi/L	MT
1	Trillium	12 ± 2.0	pCi/ml	MT

WELL CBR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90
 Depth to water: 53.85 ft (16.44 m) below TOC
 Water elevation: 247.85 ft (75.55 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 46 gal

Time: 10:35
 pH: 8.0
 Alkalinity: 0 mg/L
 Water temperature: 19.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labelled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 13-labelled 2,3,7,8-TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 1.7	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 1.5	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 2.0	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 1.7	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 2.1	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 3.1	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 2.7	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 2.1	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.65	ng/L	GE
0	pH	4.9	pH	MT
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	31	µS/cm	MT
0	Specific conductance	6.0	µS/cm	GE
0	Specific conductance	6.0	µS/cm	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 2.7	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 2.7	ng/L	MT
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	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-Hexachlorodibenzodioxins	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzofurans	< 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	MT
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 10	µg/L	MT
0	Acetone	< 10	µg/L	GE
0	Acetone	< 10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	MT
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	GE
0	Acetophenone	< 10	µg/L	MT
0	Acetophenone	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	Acrolein	< 100	µg/L	MT
0	Acrolein	< 20	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 5.0	µg/L	MT
0	Acrylonitrile	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.050	µg/L	MT
0	Aldrin	< 0.50	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 100	µg/L	MT

ANALYTICAL RESULTS

WELL: GBR 3D collected on 08/12/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Allyl chloride	< 1.0	µg/L	GE
0	Allyl chloride	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	Aluminum	64	µg/L	MT
0	Aniline	< 10	µg/L	MT
0	Aniline	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Aramite	< 10	µg/L	MT
0	Aramite	< 10	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Azobenzene	< 10	µg/L	MT
0	Barium	19	µg/L	MT
0	Barium	18	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 50	µg/L	MT
0	Benzo(a)anthracene	< 10	µg/L	MT
0	Benzo(a)anthracene	< 10	µg/L	GE
0	Benzo(a)anthracene	< 10	µg/L	GE
0	Benzo(a)pyrene	< 10	µg/L	MT
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(b)fluoranthene	< 10	µg/L	MT
0	Benzo(g,h,i)perylene	< 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(k)fluoranthene	< 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	GE
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Benzyl alcohol	< 20	µg/L	GE
0	Benzyl alcohol	< 20	µg/L	GE
0	Beryllium	< 1.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Beta-Benzene hexachloride	< 0.050	µg/L	MT
0	Beta-Benzene hexachloride	< 0.50	µg/L	GE
0	Beta-Benzene hexachloride	< 0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	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(2-chloroethoxy) methane	< 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-chloroethyl) ether	< 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-chloroisopropyl) ether	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromofom	< 5.0	µg/L	MT
0	Bromofom	< 1.0	µg/L	GE
0	Bromofom	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 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)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	353	µg/L	MT
0	Calcium	490	µg/L	GE
0	Calcium	450	µg/L	GE
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT

WELL: GBR 3D collected on 08/12/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 1.0	µg/L	MT
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	2,800	µg/L	MT
0	Chlordane	2,800	µg/L	GE
0	Chlordane	2,800	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	MT
0	Chlorobenzilate	< 10	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 5.0	µg/L	MT
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloroprene	< 5.0	µg/L	MT
0	Chloroprene	< 1.0	µg/L	GE
0	Chloroprene	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 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	Cobalt	< 13	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 14	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
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	MT
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	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallyl	< 10	µg/L	MT
0	Diallyl	< 10	µg/L	GE
0	Diallyl	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	MT
0	Dibromomethane (Methylene bromide)	< 1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 1.0	µg/L	GE
0	Dichlorodifluoromethane	< 5.0	µg/L	MT
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dieldrin	< 0.10	µg/L	MT
0	Dieldrin	< 0.50	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	MT
0	Dimethoate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL OBR 3D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	p-Phenylenediamine	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	p,p'-DDD	< 0.80	µg/L	GE
0	p,p'-DDD	< 0.80	µg/L	GE
0	p,p'-DDE	< 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'-DDT	< 0.10	µg/L	MT
0	p,p'-DDT	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.80	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	Parathion	< 10	µg/L	MT
0	Parathion	< 0.50	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 10	µg/L	MT
0	Parathion methyl	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1018	< 0.50	µg/L	MT
0	PCB 1018	< 0.50	µg/L	GE
0	PCB 1018	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 1.0	µg/L	MT
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	p-(Dimethylamino)Ethylbenzene	< 10	µg/L	GE
0	p-(Dimethylamino)Ethylbenzene	< 10	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	MT
0	Pentachlorobenzene	< 10	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 5.0	µg/L	MT
0	Pentachlorophenol	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	MT
0	Phenacetin	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	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	Phorate	< 10	µg/L	MT
0	Phorate	< 0.50	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	Potassium	1,140	µg/L	MT
0	Potassium	1,100	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Pronamid	< 10	µg/L	MT
0	Pronamid	< 10	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 5.0	µg/L	MT
0	Propionitrile	< 1.0	µg/L	GE
0	Propionitrile	< 1.0	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	MT
0	Pyridine	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	MT
0	Safrole	< 10	µg/L	GE

WELL OBR 3D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Safrole	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
1	Silica	12,700	µg/L	MT
0	Silica	0,400	µg/L	GE
1	Silica	10,000	µg/L	GE
0	Silver	< 0.80	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,870	µg/L	MT
0	Sodium	2,300	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Styrene	< 5.0	µg/L	MT
0	Styrene	< 1.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	1,200	µg/L	MT
0	Sulfate	1,100	µg/L	GE
0	Sulfate	1,300	µg/L	GE
0	Sulfide	2,280	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotopp	< 10	µg/L	GE
0	Sulfotopp	< 10	µg/L	GE
0	Tetrachloroethylene	< 10	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetraethyl dithiopyrophosphate	< 10	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	MT
0	Tin	< 972	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	31,000	µg/L	MT
0	Total dissolved solids	30,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
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	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	22	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 1.0	µg/L	MT
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-1,3-Dichloropropene	< 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-1,4-Dichloro-2-butene	< 10	µg/L	MT
0	trans-1,4-Dichloro-2-butene	< 1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 1.0	µg/L	GE
0	Trichloroethylene	< 10	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 3.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 5.0	µg/L	MT
0	Vinyl acetate	< 1.0	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	27	µg/L	MT
0	Zinc	31	µg/L	GE
0	Zinc	29	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	MT
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	O,O,O-Triethyl phcsphorothioate	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	MT
0	1-Naphthylamine	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	1,1-Dichloroethane	< 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-Dichloroethylene	< 5.0	µg/L	MT

ANALYTICAL RESULTS

WELL CBR 3D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<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	1,1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2-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	1,1,2,2-Tetrachloroethane	<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
J	1,2-Dibromo-3-chloropropane	<10	µg/L	MT
0	1,2-Dibromoethane	<5.0	µg/L	MT
0	1,2-Dibromoethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<1.0	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	MT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichloroethane	<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-Dichloroethylene	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	MT
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	MT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
J	1,2,4,5-Tetrachlorobenzene	<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	1,3-Dichlorobenzene	<10	µg/L	MT
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	MT
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	MT
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,4-Benzoquinone	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	MT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	MT
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	MT
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	MT
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	MT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	MT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Hexanone	<10	µg/L	MT
0	2-Hexanone	<1.0	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	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-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	MT
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Nitroaniline	<50	µg/L	MT
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Picoline	<10	µg/L	MT
0	2-Picoline	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	MT

WELL CBR 3D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	MT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	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-Dimethyl phenol	<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-Dinitrophenol	<50	µg/L	MT
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	MT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	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-Trichlorophenol	<10	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-Trichlorophenoxyacetic acid	<0.070	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	2,4,6-Trichlorophenol	<10	µg/L	MT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	MT
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	MT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	MT
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	MT
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	MT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	MT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Methyl-2-pentanone	<10	µg/L	MT
0	4-Nitroaniline	<50	µg/L	MT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	MT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4,6-Dinitro-ortho-cresol	<50	µg/L	MT
0	5-Nitro-o-toluidine	<10	µg/L	MT
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	MT
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/ml	MT
0	Gross alpha	<2.0	pCi/ml	GE
0	Gross alpha	<2.0	pCi/ml	GE
0	Nonvolatile beta	<6.0	pCi/ml	MT
0	Nonvolatile beta	2.5±3.5	pCi/ml	GE
0	Nonvolatile beta	2.3±3.5	pCi/ml	GE
0	Total activity	3.8±1.0	pCi/ml	EM
0	Total radium	<1.0	pCi/ml	MT
0	Total radium	<1.0	pCi/ml	GE
0	Total radium	<1.0	pCi/ml	GE
0	Tritium	2.6±0.30	pCi/ml	MT
0	Tritium	1.8±0.30	pCi/ml	GE

ANALYTICAL RESULTS

WELL CBR 3D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tritium	1.7 ± 0.30	pCi/mL	GE

WELL CBR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90
 Depth to water: 53.95 ft (18.44 m) below TOC
 Water elevation: 247.85 ft (75.55 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 46 gal

Time: 10:35
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon 13-labelled 2,3,7,8-TCDD	< 0.45	ng/L	GE
0	Carbon 13-labelled 2,3,7,8-TCDF	< 0.40	ng/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.81	ng/L	MT
0	Heptachlorodibenzo-p-dioxin isomers	< 0.65	ng/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 1.8	ng/L	MT
0	Heptachlorodibenzo-p-furan isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 2.1	ng/L	MT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 1.6	ng/L	MT
0	Hexachlorodibenzo-p-furan isomers	< 0.40	ng/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 1.5	ng/L	MT
0	Octachlorodibenzo-p-dioxin isomers	< 1.0	ng/L	GE
0	Octachlorodibenzo-p-furan isomers	< 2.0	ng/L	MT
0	Octachlorodibenzo-p-furan isomers	< 1.0	ng/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 3.8	ng/L	MT
0	Pentachlorodibenzo-p-dioxin isomers	< 0.55	ng/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 2.3	ng/L	MT
0	Pentachlorodibenzo-p-furan isomers	< 0.55	ng/L	GE
0	pH	4.9	pH	MT
0	pH	5.0	pH	GE
0	Specific conductance	29	µS/cm	MT
0	Specific conductance	29	µS/cm	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 2.6	ng/L	MT
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.45	ng/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 2.4	ng/L	MT
0	Tetrachlorodibenzo-p-furan isomers	< 0.40	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-Hexachlorodibenzodioxins	< 0.45	ng/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzofurans	< 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	MT
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	Acenaphthene	< 10	µg/L	MT
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	MT
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 10	µg/L	MT
0	Acetone	< 10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	MT
0	Acetonitrile (Methyl cyanide)	< 1.0	µg/L	GE
0	Acetophenone	< 10	µg/L	MT
0	Acetophenone	< 10	µg/L	GE
0	Acrolein	< 100	µg/L	MT
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 5.0	µg/L	MT
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.050	µg/L	MT
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 100	µg/L	MT
0	Allyl chloride	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	MT
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	Aluminum	72	µg/L	MT
0	Aluminum	< 40	µg/L	GE
0	Aniline	< 10	µg/L	MT
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	MT
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Aramite	< 10	µg/L	MT
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Azobenzene	< 10	µg/L	MT
0	Barium	19	µg/L	MT
0	Barium	20	µg/L	MT

WELL CBR 3D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	18	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzidine	< 50	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	MT
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	MT
0	Benzo[a]pyrene	< 10	µg/L	GE
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	MT
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	MT
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzoic acid	< 50	µg/L	MT
0	Benzyl alcohol	< 10	µg/L	MT
0	Benzyl alcohol	< 20	µg/L	GE
0	Beryllium	1.4	µg/L	MT
0	Beryllium	< 1.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	MT
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	MT
0	Bis(chloromethyl-ethyl)ether	< 1.0	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	MT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	MT
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 1.0	µg/L	MT
1	Bis(2-ethylhexyl) phthalate	J 10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoforn	< 5.0	µg/L	MT
0	Bromoforn	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	MT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 4.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	MT
0	Calcium	375	µg/L	MT
0	Calcium	415	µg/L	MT
0	Calcium	510	µg/L	GE
0	Carbon disulfide	< 5.0	µg/L	MT
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 1.0	µg/L	MT
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	2,800	µg/L	MT
0	Chloride	2,600	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	MT
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 5.0	µg/L	MT
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloroprene	< 5.0	µg/L	MT
0	Chloroprene	< 1.0	µg/L	GE
1	Chromium	13	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	MT
0	Chrysene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 13	µg/L	MT
0	Cobalt	< 13	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 14	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	µg/L	MT
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	MT
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	MT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallyl phthalate	< 10	µg/L	MT
0	Diallyl phthalate	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL CBR 3D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	MT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	MT
0	Dibenzofuran	< 10	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloropropane	< 1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	MT
0	Dibromomethane (Methylene bromide)	< 1.0	µg/L	GE
0	Dichlorodifluoromethane	< 5.0	µg/L	MT
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dieldrin	< 0.10	µg/L	MT
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	MT
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	MT
0	Dimethoate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	MT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	MT
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	MT
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.050	µg/L	MT
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.10	µg/L	MT
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.10	µg/L	MT
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.10	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.20	µg/L	MT
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 5.0	µg/L	MT
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	MT
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	MT
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	MT
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	MT
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	MT
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Heptachlor	< 0.50	µg/L	MT
0	Heptachlor epoxide	< 0.050	µg/L	MT
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	MT
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	MT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	MT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	MT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 10	µg/L	MT
0	Hexachlorophene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	MT
0	Hexachloropropene	< 10	µg/L	GE
0	Ideno[1,2,3-c,d]pyrene	< 10	µg/L	MT
0	Ideno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 5.0	µg/L	MT
0	Iodomethane (Methyl iodide)	< 1.0	µg/L	GE
0	Iron	54	µg/L	MT
0	Iron	< 21	µg/L	GE
0	Iron	60	µg/L	MT
0	Isobutyl alcohol	< 10	µg/L	GE
0	Isodrin	< 10	µg/L	MT
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	MT
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	MT
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	MT
0	Kepone	< 10	µg/L	GE
0	Lead	3.1	µg/L	MT
0	Lead	3.2	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	MT
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE

WELL CBR 3D collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	302	µg/L	MT
0	Magnesium	337	µg/L	MT
0	Magnesium	290	µg/L	GE
0	Manganese	5.5	µg/L	MT
0	Manganese	6.5	µg/L	MT
0	Manganese	7.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 5.0	µg/L	MT
0	Methacrylonitrile	< 1.0	µg/L	GE
0	Methapyrillene	< 10	µg/L	MT
0	Methapyrillene	< 10	µg/L	GE
0	Methoxychlor	< 0.050	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	MT
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 5.0	µg/L	MT
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	MT
0	Methyl methanesulfonate	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	MT
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	MT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	MT
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	MT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	MT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	MT
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	MT
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	MT
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	MT
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	MT
0	Naphthalene	< 10	µg/L	GE
1	Nickel	17	µg/L	MT
0	Nickel	4.8	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	MT
0	Nitrate as nitrogen	1,180	µg/L	GE
0	Nitrobenzene	< 10	µg/L	MT
0	Nitrobenzene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	MT
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	MT
0	o-Toluidine	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	MT
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	MT
0	p-Phenylenediamine	< 10	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	MT
0	p,p'-DDE	< 0.10	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	MT
0	p,p'-DDT	< 0.10	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	MT
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	Parathion	< 10	µg/L	MT
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 10	µg/L	MT
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	MT
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	MT
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	MT
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	MT
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	MT
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 1.0	µg/L	MT
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 1.0	µg/L	MT
0	PCB 1260	< 0.50	µg/L	GE
0	PCB 1262	< 0.50	µg/L	MT
0	p-(Dimethylamino)Ethylbenzene	< 10	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	MT
0	Pentachlorobenzene	< 10	µg/L	GE
0	Pentachloroethane	< 5.0	µg/L	MT
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloroethane	< 10	µg/L	MT
0	Pentachloronitrobenzene	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL: CBR 3D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 50	µg/L	MT
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	MT
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	MT
0	Phenanthrene	< 10	µg/L	GE
0	Phenols	< 10	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GF
0	Phenols	< 10	µg/L	GE
0	Phorate	< 10	µg/L	MT
0	Phorate	< 0.50	µg/L	GE
0	Potassium	772	µg/L	MT
0	Potassium	1,190	µg/L	MT
0	Potassium	1,200	µg/L	GE
0	Pronamid	< 10	µg/L	MT
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 5.0	µg/L	MT
0	Propionitrile	< 1.0	µg/L	GE
0	Pyrene	< 10	µg/L	MT
0	Pyrene	< 10	µg/L	GE
C	Pyridine	< 10	µg/L	MT
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	MT
0	Safrole	< 10	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	2.0	µg/L	GE
1	Silica	13,100	µg/L	MT
1	Silica	13,200	µg/L	MT
1	Silica	10,000	µg/L	GE
0	Silver	0.70	µg/L	MT
0	Silver	< 0.60	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,610	µg/L	MT
0	Sodium	2,710	µg/L	MT
0	Sodium	2,700	µg/L	GF
0	Styrene	< 5.0	µg/L	MT
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	1,200	µg/L	MT
0	Sulfate	< 1,000	µg/L	GF
0	Sulfide	2,740	µg/L	MT
0	Sulfide	< 1,000	µg/L	GF
0	Sulfotopp	< 10	µg/L	GE
0	Tetrachloroethylene	< 10	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GF
0	Tetraethyl dithiopyrophosphate	< 10	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 3.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	MT
0	Tin	< 0.72	µg/L	MT
0	Tin	< 0.72	µg/L	MT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GF
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	35,000	µg/L	MT
0	Total dissolved solids	33,000	µg/L	GF
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GF
0	Toxaphene	< 1.0	µg/L	MT
0	Toxaphene	< 0.74	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GF
0	trans-1,4-Dichloro-2-butene	< 10	µg/L	MT
0	trans-1,4-Dichloro-2-butene	< 1.0	µg/L	GF
0	Trichloroethylene	< 10	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 3.0	µg/L	MT
0	Vanadium	< 3.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 5.0	µg/L	MT
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	MT
0	Xylenes	< 1.0	µg/L	GF
0	Zinc	29	µg/L	MT
0	Zinc	31	µg/L	MT
0	Zinc	33	µg/L	GE
0	O,O,O Triethyl phosphorothioate	< 10	µg/L	MT
0	O,O,O Triethyl phosphorothioate	< 10	µg/L	GE

WELL: CBR 3D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1-Naphthylamine	< 10	µg/L	MT
0	1-Naphthylamine	< 10	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 10	µg/L	MT
0	1,2-Dibromoethane	< 5.0	µg/L	MT
0	1,2-Dibromoethane	< 1.0	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	MT
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethylene	< 5.0	µg/L	MT
0	1,2-Dichloroethylene	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	< 5.0	µg/L	MT
0	1,2,3-Trichloropropane	< 1.0	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	MT
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	MT
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	MT
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	MT
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	MT
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,4-Benzoquinone	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	MT
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	MT
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	MT
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	2-Acetylaminoanthracene	< 10	µg/L	MT
0	2-Acetylaminoanthracene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	MT
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	MT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Hexanone	< 10	µg/L	MT
0	2-Hexanone	< 1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	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	GE
0	2-Naphthylamine	< 10	µg/L	MT
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Nitroaniline	< 50	µg/L	MT
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitroanthracene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GF
0	2-Picoline	< 10	µg/L	MT
0	2-Picoline	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	MT
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	MT
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GF
0	2,4-Dichlorophenol	< 10	µg/L	MT
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
1	2,4-Dichlorophenoxyacetic acid	0.63	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	MT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	MT
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	MT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4,5-TP (Silvex)	10.040	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	MT
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.70	µg/L	MT
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	MT
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	MT
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	MT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	MT

ANALYTICAL RESULTS

WELL CBR 3D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	MT
0	3-Nitroaniline	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	MT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	MT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	MT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	MT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	MT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	MT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Methyl-2-pentanone	<10	µg/L	MT
0	4-Nitroaniline	<50	µg/L	MT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	MT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	MT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4,6-Dinitro-ortho-cresol	<50	µg/L	MT
0	5-Nitro-o-toluidine	<10	µg/L	MT
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	MT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	2.5±3.5	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	2.0±3.5	pCi/L	GE
0	Tritium	2.6±0.30	pCi/mL	MT
0	Tritium	1.3±0.30	pCi/mL	GE

WELL CCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 24 µS/cm
 Water evacuated before sampling: 45 gal

Time: 12:20
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 22.4°C

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	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT

WELL CCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 54.58 ft (16.64 m) below TOC
 Water elevation: 215.82 ft (65.78 m) msl
 Sp. conductance: 34 µS/cm
 Water evacuated before sampling: 45 gal

Time: 11:55
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 22.3°C

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	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT

WELL CCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 46.82 ft (14.21 m) below TOC
 Water elevation: 220.78 ft (67.29 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 12:45
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
1	Tetrachloroethylene	1.1	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 59.95 ft (18.27 m) below TOC
 Water elevation: 223.05 ft (67.99 m) msl
 Sp. conductance: 18 µS/cm
 Water evacuated before sampling: 31 gal

Time: 12:35
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 22.0°C

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	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT

WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 78.95 ft (24.08 m) below TOC
 Water elevation: 209.95 ft (63.99 m) msl
 Sp. conductance: 51 µS/cm
 Water evacuated before sampling: 10 gal
 The well went dry during purging.

Time: 11:00
 pH: 5.0
 Alkalinity: 2 mg/L
 Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
1	Tetrachloroethylene	3.2	µg/L	MT
1	Trichloroethylene	1.7	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<50	pCi/L	EM
0	Cerium-144	<133	pCi/L	EM
0	Cesium-134	<18	pCi/L	EM
0	Cesium-137	<21	pCi/L	EM
0	Chromium-51	<158	pCi/L	EM
0	Cobalt-60	<22	pCi/L	EM
0	Iodine-131	<28	pCi/L	EM
0	Ruthenium-103	<19	pCi/L	EM
0	Ruthenium-106	<178	pCi/L	EM
0	Strontium-89	-2.0±2.8	pCi/L	EM
0	Strontium-89/90	-1.0±4.1	pCi/L	EM
1	Strontium-90	0.99±3.0	pCi/L	EM
0	Zirconium-95	<32	pCi/L	EM

ANALYTICAL RESULTS

WELL CDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 78.58 ft (23.95 m) below TOC
 Water elevation: 210.02 ft (64.01 m) msl
 Sp. conductance: 75 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 10:50
 pH: 5.1
 Alkalinity: 3 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
0	Tetrachloroethylene	0.59	µg/L	MT
0	Trichloroethylene	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	Antimony-125	< 46	pCi/L	EM
0	Cerium-144	< 126	pCi/L	EM
0	Cesium-134	< 20	pCi/L	EM
0	Cesium-137	< 17	pCi/L	EM
0	Chromium-51	< 170	pCi/L	EM
0	Cobalt-60	< 16	pCi/L	EM
0	Iodine-131	< 29	pCi/L	EM
0	Ruthenium-103	< 20	pCi/L	EM
0	Ruthenium-106	< 157	pCi/L	EM
1	Strontium-89	1.0 ± 3.3	pCi/L	EM
0	Strontium-89/90	0.58 ± 4.7	pCi/L	EM
0	Strontium-90	-0.46 ± 3.3	pCi/L	EM
1	Total activity	423 ± 4.5	pCi/mL	EM
0	Zirconium-95	< 34	pCi/L	EM

WELL CMP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 26.95 ft (8.21 m) below TOC
 Water elevation: 201.65 ft (61.46 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 46 gal

Time: 16:40
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 19.3°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	17	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 CMP 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 48.08 ft (14.65 m) below TOC
 Water elevation: 181.82 ft (55.36 m) msl
 Sp. conductance: 114 µS/cm
 Water evacuated before sampling: 437 gal

Time: 16:05
 pH: 6.2
 Alkalinity: 30 mg/L
 Water temperature: 19.3°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	3.2	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 CMP 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 32.08 ft (9.78 m) below TOC
 Water elevation: 197.42 ft (60.17 m) msl
 Sp. conductance: 132 µS/cm
 Water evacuated before sampling: 106 gal

Time: 16:20
 pH: 6.8
 Alkalinity: 49 mg/L
 Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	4.4	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 CMP 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 121.01 ft (36.88 m) below TOC
 Water elevation: 194.09 ft (59.18 m) msl
 Sp. conductance: 145 µS/cm
 Water evacuated before sampling: 117 gal

Time: 12:50
 pH: 8.8
 Alkalinity: 61 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	9.2	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 CMP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 93.06 ft (28.37 m) below TOC
 Water elevation: 217.84 ft (66.40 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 75 gal

Time: 14:10
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	8.4	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 CMP 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 116.48 ft (35.50 m) below TOC
 Water elevation: 194.32 ft (59.23 m) msl
 Sp. conductance: 194 µS/cm
 Water evacuated before sampling: 150 gal

Time: 13:40
 pH: 7.7
 Alkalinity: 81 mg/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	Lead	7.2	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

ANALYTICAL RESULTS

WELL CMP 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 101.35 ft (30.89 m) below TOC
 Water elevation: 209.15 ft (63.75 m) msl
 Sp. conductance: 24 µS/cm
 Water evacuated before sampling: 13 gal
 The well went dry during purging.

Time: 9:30
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 19.3°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	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

WELL CMP 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 115.98 ft (35.32 m) below TOC
 Water elevation: 194.32 ft (59.23 m) msl
 Sp. conductance: 189 µS/cm
 Water evacuated before sampling: 140 gal

Time: 9:50
 pH: 8.0
 Alkalinity: 82 mg/L
 Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	4.1	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 CMP 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 78.62 ft (23.96 m) below TOC
 Water elevation: 204.28 ft (62.27 m) msl
 Sp. conductance: 17 µS/cm
 Water evacuated before sampling: 13 gal
 The well went dry during purging.

Time: 12:15
 pH: 4.9
 Alkalinity: 0 mg/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	Lead	4.0	µg/L	GE
2	Tetrachloroethylene	15	µg/L	GE
2	Trichloroethylene	15	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL CMP 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 103.49 ft (31.54 m) below TOC
 Water elevation: 180.61 ft (55.05 m) msl
 Sp. conductance: 168 µS/cm
 Water evacuated before sampling: 413 gal

Time: 15:10
 pH: 6.8
 Alkalinity: 53 mg/L
 Water temperature: 20.1°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	Lead	< 3.0	µg/L	GE
0	Lead	16	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	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 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 90.08 ft (27.46 m) below TOC
 Water elevation: 193.82 ft (59.08 m) msl
 Sp. conductance: 186 µS/cm
 Water evacuated before sampling: 120 gal

Time: 14:25
 pH: 7.7
 Alkalinity: 74 mg/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	Lead	5.5	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 CMP 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 83.42 ft (25.43 m) below TOC
 Water elevation: 205.78 ft (62.72 m) msl
 Sp. conductance: 53 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 12:35
 pH: 6.0
 Alkalinity: 19 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	12	µg/L	GE
2	Tetrachloroethylene	20	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL CMP 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 95.25 ft (29.03 m) below TOC
 Water elevation: 193.85 ft (59.09 m) msl
 Sp. conductance: 184 µS/cm
 Water evacuated before sampling: 154 gal

Time: 15:55
 pH: 8.3
 Alkalinity: 79 mg/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	Lead	3.9	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 CMP 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 70.61 ft (21.52 m) below TOC
 Water elevation: 193.89 ft (59.10 m) msl
 Sp. conductance: 175 µS/cm
 Water evacuated before sampling: 174 gal

Time: 13:35
 pH: 7.9
 Alkalinity: 66 mg/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	Lead	< 3.0	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

ANALYTICAL RESULTS

WELL CMP 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 52.88 ft (16.06 m) below TOC
 Water elevation: 211.42 ft (64.44 m) msl
 Sp. conductance: 18 µS/cm
 Water evacuated before sampling: 68 gal

Time: 13:20
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	5.4	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 CMP 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 97.07 ft (29.59 m) below TOC
 Water elevation: 179.43 ft (54.69 m) msl
 Sp. conductance: 93 µS/cm
 Water evacuated before sampling: 430 gal

Time: 11:35
 pH: 6.2
 Alkalinity: 24 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	5.1	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 CMP 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90
 Depth to water: 74.63 ft (22.75 m) below TOC
 Water elevation: 201.77 ft (61.50 m) msl
 Sp. conductance: 115 µS/cm
 Water evacuated before sampling: 21 gal
 The well went dry during purging.

Time: 10:25
 pH: 10.4
 Alkalinity: 30 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Lead	< 3.0	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 CMP 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 The well was dry.

Time: 14:45

WELL CMP 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 123.57 ft (37.66 m) below TOC
 Water elevation: 194.13 ft (59.17 m) msl
 Sp. conductance: 192 µS/cm
 Water evacuated before sampling: 136 gal

Time: 12:15
 pH: 7.7
 Alkalinity: 78 mg/L
 Water temperature: 20.4°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

WELL CMP 16B collected on 05/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 The well was dry.

Time: 12:25

WELL CRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 69.07 ft (21.05 m) below TOC
 Water elevation: 205.53 ft (62.65 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 49 gal

Time: 10:20
 pH: 5.7
 Alkalinity: 9 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Specific conductance	44	µS/cm	GE
0	Calcium	8,200	µg/L	GE
0	Calcium	8,400	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
1	Chromium	5.9	µg/L	GE
1	Chromium	8.8	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	3.3	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	8,280	µg/L	GE
0	Silica	7,830	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sodium	1,800	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
2	Total organic halogens	206	µg/L	GE
2	Total organic halogens	207	µg/L	GE
2	Trichloroethylene	310	µg/L	GE
2	Trichloroethylene	295	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL CRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 73.95 ft (22.54 m) below TOC
 Water elevation: 204.75 ft (62.41 m) msl
 Sp. conductance: 19 µS/cm
 Water evacuated before sampling: 86 gal

Time: 10:50
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Calcium	715	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
2	Lead	30	µg/L	GE
0	Magnesium	155	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	4,900	µg/L	GE
0	Sodium	1,380	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE

ANALYTICAL RESULTS

WELL CRP 2 collected on 05/28/90, 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
1	Total activity	235 ± 3.3	pCi/ml	EM

WELL CRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 1680 µS/cm
 Water evacuated before sampling: 0 gal
 The well went dry during purging.

Time: 12:55
 pH: 11.9
 Alkalinity: 480 mg/L
 Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
1	Specific conductance	1,380	µS/cm	GE
1	Calcium	48,800	µg/L	GE
1	Calcium	142,000	µg/L	GE
0	Carbon tetrachloride	< 1,000	µg/L	GE
0	Chloroform	< 1,000	µg/L	GE
2	Chromium	130	µg/L	GE
2	Lead	44	µg/L	GE
0	Magnesium	11	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Silica	3,130	µg/L	GE
1	Sodium	5,200	µg/L	GE
0	Tetrachloroethylene	< 1,000	µg/L	GE
2	Total organic halogens	7,270	µg/L	GE
2	Trichloroethylene	17,200	µg/L	GE
0	1,1,1-Trichloroethane	< 1,000	µg/L	GE

WELL CRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 62.75 ft (19.13 m) below TOC
 Water elevation: 204.95 ft (62.47 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 63 gal

Time: 11:10
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	pH	5.3	pH	GE
0	Specific conductance	21	µS/cm	MT
0	Specific conductance	21	µS/cm	GE
0	Calcium	842	µg/L	MT
0	Calcium	840	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
1	Chromium	7.2	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	380	µg/L	MT
0	Magnesium	320	µg/L	GE
0	Potassium	< 600	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Silica	7,770	µg/L	MT
0	Silica	5,930	µg/L	GE
0	Sodium	1,470	µg/L	MT
0	Sodium	1,400	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
1	Trichloroethylene	1.1	µg/L	MT
2	Trichloroethylene	10	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL CRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 62.75 ft (19.13 m) below TOC
 Water elevation: 204.95 ft (62.47 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 63 gal

Time: 11:10
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	MT
0	Specific conductance	23	µS/cm	GE
0	Calcium	850	µg/L	MT
0	Calcium	840	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
1	Chromium	5.5	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	392	µg/L	MT
0	Magnesium	310	µg/L	GE
0	Potassium	< 800	µg/L	MT
0	Potassium	< 500	µg/L	GE
0	Silica	7,800	µg/L	MT
0	Silica	5,480	µg/L	GE
0	Sodium	1,470	µg/L	MT
0	Sodium	1,300	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	7.0	µg/L	GE
1	Trichloroethylene	1.3	µg/L	MT
2	Trichloroethylene	4.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL CSA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90
 Depth to water: 51.53 ft (15.71 m) below TOC
 Water elevation: 239.27 ft (72.93 m) msl
 Sp. conductance: 55 µS/cm
 Water evacuated before sampling: 23 gal

Time: 11:15
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 24.0°C

WELL CSA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90
 Depth to water: 50.64 ft (15.44 m) below TOC
 Water elevation: 239.46 ft (72.99 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 55 gal

Time: 9:50
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 21.9°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	GF
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

ANALYTICAL RESULTS

WELL CSA 2 collected on 05/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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 CSA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90
 Depth to water: 50.53 ft (15.40 m) below TOC
 Water elevation: 238.87 ft (72.81 m) msl
 Sp. conductance: 50 µS/cm
 Water evacuated before sampling: 52 gal

Time: 10:50
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 21.6 C

WELL CSA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90
 Depth to water: 51.78 ft (15.78 m) below TOC
 Water elevation: 238.84 ft (72.74 m) msl
 Sp. conductance: 53 µS/cm
 Water evacuated before sampling: 53 gal

Time: 11:30
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 21.6 C

WELL CSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90
 The well was dry

Time: 13:20

WELL CSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/90
 Depth to water: 77.37 ft (23.58 m) below TOC
 Water elevation: 207.23 ft (63.16 m) msl
 Sp. conductance: 68 µS/cm
 Water evacuated before sampling: 4 gal
 The well went dry during purging.

Time: 10:30
 pH: 5.9
 Alkalinity: 20 mg/L
 Water temperature: 22.3 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MI
1	Chloroform	42	µg/L	MI
0	Tetrachloroethylene	0.73	µg/L	MI
2	Trichloroethylene	700	µg/L	MI
0	1,1,1-Trichloroethane	< 0.40	µg/L	MI
0	Gross alpha	1.1 ± 0.75	pCi/l	EM
0	Nonvolatile beta	2.0 ± 1.0	pCi/l	EM
2	Tritium	200 ± 3.0	pCi/ml	EM

WELL CSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/90
 Depth to water: 78.14 ft (23.82 m) below TOC
 Water elevation: 206.78 ft (63.02 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 3 gal
 The well went dry during purging.

Time: 10:45
 pH: 5.5
 Alkalinity: 6 mg/L
 Water temperature: 22.5 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MI
0	Chloroform	< 0.40	µg/L	MI
0	Tetrachloroethylene	< 0.40	µg/L	MI
2	Trichloroethylene	13	µg/L	MI
0	1,1,1-Trichloroethane	< 0.40	µg/L	MI
0	Gross alpha	0.51 ± 0.54	pCi/l	EM
0	Nonvolatile beta	1.7 ± 0.96	pCi/l	EM
1	Total activity	44,300 ± 670	pCi/ml	EM
2	Tritium	41,600 ± 620	pCi/ml	EM

WELL CSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90
 Depth to water: 78.27 ft (23.88 m) below TOC
 Water elevation: 206.83 ft (63.04 m) msl
 Sp. conductance: 34 µS/cm
 Water evacuated before sampling: 48 gal

Time: 14:15
 pH: 5.4
 Alkalinity: 3 mg/L
 Water temperature: 21.7 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MI
0	Chloroform	0.57	µg/L	MI
0	Tetrachloroethylene	< 0.40	µg/L	MI
2	Trichloroethylene	12	µg/L	MI
0	1,1,1-Trichloroethane	< 0.40	µg/L	MI
0	Gross alpha	0.84 ± 0.80	pCi/l	EM
0	Nonvolatile beta	1.9 ± 0.93	pCi/l	EM
1	Total activity	25,900 ± 360	pCi/ml	EM
2	Tritium	25,900 ± 360	pCi/ml	EM

WELL CSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/90
 Depth to water: 75.91 ft (23.14 m) below TOC
 Water elevation: 208.89 ft (63.68 m) msl
 Sp. conductance: 158 µS/cm
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

Time: 11:00
 pH: 10.7
 Alkalinity: 33 mg/L
 Water temperature: 22.2 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MI
0	Chloroform	< 0.40	µg/L	MI
0	Tetrachloroethylene	< 0.40	µg/L	MI
1	Trichloroethylene	2.1	µg/L	MI
0	1,1,1-Trichloroethane	< 0.40	µg/L	MI
0	Gross alpha	0.22 ± 0.46	pCi/l	EM
0	Nonvolatile beta	2.6 ± 1.1	pCi/l	EM
1	Total activity	4,100 ± 60	pCi/ml	EM
2	Tritium	3,600 ± 40	pCi/ml	EM

WELL CSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90
 Depth to water: 79.00 ft (24.08 m) below TOC
 Water elevation: 207.80 ft (63.34 m) msl
 Sp. conductance: 162 µS/cm
 Water evacuated before sampling: 53 gal

Time: 13:05
 pH: 6.0
 Alkalinity: 32 mg/L
 Water temperature: 21.8 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MI
0	Chloroform	0.50	µg/L	MI
0	Tetrachloroethylene	0.50	µg/L	MI
1	Trichloroethylene	1.2	µg/L	MI
0	1,1,1-Trichloroethane	< 0.40	µg/L	MI
0	Gross alpha	0.88 ± 0.76	pCi/l	EM
0	Nonvolatile beta	2.7 ± 1.1	pCi/l	EM
1	Total activity	1,389 ± 8.0	pCi/ml	EM
2	Tritium	1,380 ± 8.0	pCi/ml	EM
2	Tritium	1,380 ± 40	pCi/ml	EM

ANALYTICAL RESULTS

WELL CSD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90
 Depth to water: 74.08 ft (22.57 m) below TOC
 Water elevation: 241.34 ft (73.58 m) msl
 Sp. conductance: 74 µS/cm
 Water evacuated before sampling: 11 gal
 The well went dry during purging.

Time: 15:00
 pH: 8.0
 Alkalinity: 7 mg/L
 Water temperature: 27.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	Specific conductance	62	µS/cm	GE
0	Specific conductance	62	µS/cm	GE
1	Arsenic	6.0	µg/L	GE
1	Arsenic	6.0	µg/L	GE
0	Barium	49	µg/L	GE
0	Barium	49	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Calcium	3,100	µg/L	GE
0	Chloride	3,100	µg/L	GE
0	Chloride	3,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Chromium	4.8	µg/L	GE
1	Dissolved organic carbon	12,000	µg/L	GE
1	Dissolved organic carbon	12,000	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	170	µg/L	GE
1	Iron	190	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	950	µg/L	GE
0	Magnesium	980	µg/L	GE
0	Manganese	13	µg/L	GE
0	Manganese	13	µg/L	GE
2	Mercury	7.0	µg/L	GE
2	Mercury	7.0	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	Nitrate as nitrogen	300	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
1	Potassium	5,400	µg/L	GE
1	Potassium	5,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	35,000	µg/L	GE
1	Silica	36,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,100	µg/L	GE
1	Sodium	5,100	µg/L	GE
0	Sulfate	7,400	µg/L	GE
0	Sulfate	7,800	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	147,000	µg/L	GE
0	Total dissolved solids	165,000	µg/L	GE
1	Total hydrocarbons	22,000	µg/L	GE
1	Total organic carbon	16,000	µg/L	GE
1	Total organic carbon	16,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	1,240	µg/L	GE
1	Total phosphates	1,120	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	6.9 ± 1.8	pCi/L	GE
0	Nonvolatile beta	6.3 ± 1.7	pCi/L	GE
0	Total radium	1.9 ± 3.5	pCi/L	GE
0	Total radium	1.8 ± 3.4	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Total radium	1.5 ± 3.5	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE
0	Tritium	<0.70	pCi/ml	GE

WELL CSD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90
 The well was dry.

Time: 10:15

WELL CSD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90
 Depth to water: 68.34 ft (20.83 m) below TOC
 Water elevation: 240.18 ft (73.20 m) msl
 Sp. conductance: 712 µS/cm
 Water evacuated before sampling: 24 gal
 The well went dry during purging.

Time: 14:20
 pH: 11.4
 Alkalinity: 171 mg/L
 Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	700	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	41	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	36,800	µg/L	GE
0	Chloride	1,400	µg/L	GE
1	Chromium	8.7	µg/L	GE
1	Dissolved organic carbon	3,000	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	8.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	470	µg/L	GE
0	Nitrite as nitrogen	10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	9,700	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	18,800	µg/L	GE
1	Sulfate	11,100	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	227,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	1,580	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	9.4 ± 3.8	pCi/L	GE
0	Total radium	1.6 ± 3.4	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE

WELL CSD 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/90
 Depth to water: 64.23 ft (19.58 m) below TOC
 Water elevation: 239.67 ft (73.05 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 33 gal

Time: 10:35
 pH: 5.0
 Alkalinity: 3 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	pH	5.4	pH	MT
0	pH	5.3	pH	GE
0	Specific conductance	38	µS/cm	MT
0	Specific conductance	38	µS/cm	MT
0	Specific conductance	37	µS/cm	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	MT
0	Barium	17	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,030	µg/L	MT
0	Calcium	1,100	µg/L	GE
0	Chloride	2,550	µg/L	MT
0	Chloride	2,500	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
1	Dissolved organic carbon	2,000	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	38	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	5.0	µg/L	GE

ANALYTICAL RESULTS

WELL CSD 8D collected on 06/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	363	µg/L	MT
0	Magnesium	340	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	4.3	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,030	µg/L	MT
0	Nitrate as nitrogen	1,120	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,010	µg/L	MT
0	Potassium	1,000	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	12,900	µg/L	MT
1	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	4,250	µg/L	MT
0	Sodium	4,700	µg/L	GE
0	Sulfate	1,800	µg/L	MT
0	Sulfate	1,500	µg/L	GE
0	Sulfide	3,420	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	44,000	µg/L	MT
0	Total dissolved solids	48,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
1	Total hydrocarbons	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	32	µg/L	MT
1	Total organic halogens	21	µg/L	GE
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
1	Total phosphates	477	µg/L	MT
1	Total phosphates	540	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.9 ± 0.22	pCi/L	GE
0	Tritium	2.7 ± 0.30	pCi/ml	MT
0	Tritium	2.5 ± 0.30	pCi/ml	GE

WELL CSD 8D collected on 06/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	4.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	980	µg/L	MT
0	Nitrate as nitrogen	1,120	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	979	µg/L	MT
0	Potassium	1,000	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	12,900	µg/L	MT
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	4,230	µg/L	MT
0	Sodium	4,600	µg/L	GE
0	Sulfate	1,800	µg/L	MT
0	Sulfate	1,800	µg/L	GE
0	Sulfide	2,780	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	52,000	µg/L	MT
0	Total dissolved solids	46,000	µg/L	GE
1	Total hydrocarbons	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	29	µg/L	MT
2	Total organic halogens	29	µg/L	MT
1	Total organic halogens	21	µg/L	GE
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
1	Total phosphates	489	µg/L	MT
1	Total phosphates	570	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	4.1 ± 2.6	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tritium	2.7 ± 0.30	pCi/ml	MT
0	Tritium	2.8 ± 0.30	pCi/ml	GE

WELL CSD 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/01/90 Time 10:35
 Depth to water: 84.23 ft (19.58 m) below TOC pH 5.0
 Water elevation: 239.67 ft (73.05 m) msl Alkalinity 3 mg/L
 Sp. conductance: 32 µS/cm Water temperature 22.0 C
 Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	pH	5.2	pH	GE
0	Specific conductance	38	µS/cm	MT
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	MT
0	Barium	18	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,020	µg/L	MT
0	Calcium	1,200	µg/L	GE
0	Chloride	2,560	µg/L	MT
0	Chloride	2,500	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
1	Dissolved organic carbon	2,000	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	48	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	9.0	µg/L	GE
0	Magnesium	391	µg/L	MT
0	Magnesium	330	µg/L	GE
0	Manganese	<5.0	µg/L	MT

WELL CSD 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/01/90 Time 11:45
 Depth to water: 58.90 ft (17.95 m) below TOC pH 5.5
 Water elevation: 239.30 ft (72.94 m) msl Alkalinity 5 mg/L
 Sp. conductance: 44 µS/cm Water temperature 22.1 C
 Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.9	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	160	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Dissolved organic carbon	2,000	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	43	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	140	µg/L	GE
0	Manganese	5.9	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	1,200	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	5,600	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
1	Total hydrocarbons	1,000	µg/L	GE

ANALYTICAL RESULTS

WELL CSD 9D collected on 06/01/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	31	µg/L	GE
1	Total phosphates	1,850	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.5±2.1	pCi/L	GE
0	Tritium	1.0±0.30	pCi/ml	GE

WELL CSD 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/00
 Depth to water: 57.24 ft (17.45 m) below TOC
 Water elevation: 239.38 ft (72.98 m) msl
 Sp. conductance: 35 µS/cm
 Water evacuated before sampling: 39 gal

Time: 9:55
 pH: 5.5
 Alkalinity: 3 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	pH	5.5	pH	GE
0	Specific conductance	49	µS/cm	MT
0	Specific conductance	47	µS/cm	GE
0	Arsenic	<2.0	µg/L	MT
1	Arsenic	3.8	µg/L	GE
0	Barium	12	µg/L	MT
0	Barium	3.7	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	185	µg/L	MT
0	Calcium	100	µg/L	GE
0	Chloride	3,100	µg/L	MT
0	Chloride	3,000	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
1	Dissolved organic carbon	2,000	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	100	µg/L	GE
2	Iron	1,370	µg/L	MT
2	Iron	350	µg/L	GE
0	Lead	19	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	165	µg/L	MT
0	Magnesium	54	µg/L	GE
1	Manganese	41	µg/L	MT
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	470	µg/L	MT
0	Nitrate as nitrogen	460	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,880	µg/L	MT
0	Potassium	1,000	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	25,000	µg/L	MT
1	Silica	17,000	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	12,100	µg/L	MT
1	Sodium	8,600	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	4,400	µg/L	MT
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	130,000	µg/L	MT
0	Total dissolved solids	104,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	14	µg/L	MT
1	Total organic halogens	11	µg/L	GE
0	Total petroleum hydrocarbons	<2,000	µg/L	MT
1	Total phosphates	4,480	µg/L	MT
1	Total phosphates	4,690	µg/L	MT
1	Total phosphates	5,600	µg/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT

WELL CSD 10D collected on 06/07/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	3.4±3.6	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<0.70	pCi/mL	GE

WELL CSD 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/00
 Depth to water: 57.24 ft (17.45 m) below TOC
 Water elevation: 239.38 ft (72.98 m) msl
 Sp. conductance: 35 µS/cm
 Water evacuated before sampling: 39 gal

Time: 9:55
 pH: 5.5
 Alkalinity: 3 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	pH	5.4	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	43	µS/cm	MT
0	Specific conductance	45	µS/cm	GE
0	Specific conductance	45	µS/cm	GE
0	Arsenic	<2.0	µg/L	MT
1	Arsenic	5.0	µg/L	GE
1	Arsenic	3.2	µg/L	GE
0	Barium	13	µg/L	MT
0	Barium	4.9	µg/L	GE
0	Barium	4.2	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	162	µg/L	MT
0	Calcium	130	µg/L	GE
0	Calcium	120	µg/L	GE
0	Chloride	3,190	µg/L	MT
0	Chloride	3,000	µg/L	GE
0	Chloride	3,000	µg/L	GE
1	Chromium	7.6	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	MT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	2,650	µg/L	MT
2	Iron	360	µg/L	GE
2	Iron	360	µg/L	GE
0	Lead	3.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	268	µg/L	MT
0	Magnesium	91	µg/L	GE
0	Magnesium	90	µg/L	GE
1	Manganese	30	µg/L	MT
0	Manganese	13	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	MT
0	Nitrate as nitrogen	480	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,980	µg/L	MT
0	Potassium	920	µg/L	GE
0	Potassium	820	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	40,700	µg/L	MT
1	Silica	17,000	µg/L	GE
1	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	9,980	µg/L	MT

ANALYTICAL RESULTS

WELL CSD 10D collected on 08/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Sodium	7,500	µg/L	GE
1	Sodium	8,700	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	4,180	µg/L	MT
0	Sulfide	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Total dissolved solids	188,000	µg/L	MT
0	Total dissolved solids	102,000	µg/L	GE
0	Total dissolved solids	110,000	µg/L	GE
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	18	µg/L	MT
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 2,000	µg/L	MT
1	Total phosphates	5,530	µg/L	MT
1	Total phosphates	5,000	µg/L	GE
1	Total phosphates	5,100	µg/L	GE
0	Gross alpha	< 3.0	pCi/ml	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 1.0	pCi/ml	MT
0	Tritium	< 0.70	pCi/ml	GE
0	Tritium	< 0.70	pCi/ml	GE

WELL CSD 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/90
 Depth to water: 54.13 ft (16.50 m) below TOC
 Water elevation: 238.87 ft (72.81 m) msl
 Sp. conductance: 120 µS/cm
 Water evacuated before sampling: 12 gal
 The well went dry during purging

Time: 13:45
 pH: 6.1
 Alkalinity: 42 mg/L
 Water temperature: 24.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
1	Specific conductance	129	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	21,000	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
1	Dissolved organic carbon	3,000	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	98	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	790	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	1,420	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	16,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	6,500	µg/L	GE
0	Sulfate	4,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Total dissolved solids	94,000	µg/L	GE
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
1	Total phosphates	530	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
0	Tritium	8.0 ± 0.40	pCi/ml	GE

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
 Depth to water: 81.77 ft (24.83 m) below TOC
 Water elevation: 239.83 ft (73.10 m) msl
 Sp. conductance: 43 µS/cm
 Water evacuated before sampling: 40 gal

Time: 12:15
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	43	µS/cm	GE
1	Arsenic	3.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	8,200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
1	Dissolved organic carbon	3,000	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	800	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	370	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	640	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total hydrocarbons	< 1,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
1	Total phosphates	500	µg/L	GE
0	Gross alpha	2.0 ± 2.1	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	1.7 ± 2.1	pCi/L	GE
0	Tritium	1.3 ± 0.30	pCi/ml	GE

WELL CSD 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 50.95 ft (15.53 m) below TOC
 Water elevation: 238.55 ft (72.71 m) msl
 Sp. conductance: 92 µS/cm
 Water evacuated before sampling: 216 gal

Time: 13:30
 pH: 5.4
 Alkalinity: 11 mg/L
 Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
1	Specific conductance	101	µS/cm	GE
1	Arsenic	2.8	µg/L	GE
0	Barium	11	µg/L	GE
1	Benzene	3.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	400	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	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
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
1	Dissolved organic carbon	3,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	160	µg/L	GE
2	Iron	360	µg/L	GE
0	Lead	< 3.0	µg/L	GE

ANALYTICAL RESULTS

WELL CSD 13D collected on 06/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	170	µg/L	GE
1	Manganese	34	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	540	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	14,000	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	Sulfide	<1,000	µg/L	GF
2	Tetrachloroethylene	7.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	113,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
1	Total organic halogens	17	µg/L	GE
1	Total phosphates	16,800	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	20	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	GF
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1,2-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	Tritium	2.4 ± 0.30	pCi/mL	GE

WELL CSO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 54.33 ft (16.56 m) below TOC
 Water elevation: 249.57 ft (76.07 m) msl
 Sp. conductance: 45 µS/cm
 Water evacuated before sampling: 46 gal

Time: 16:00
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 21.7°C

WELL CSO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 52.31 ft (15.94 m) below TOC
 Water elevation: 249.59 ft (76.08 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 114 gal

Time: 16:10
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 21.4°C

WELL CSR 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 20.20 ft (6.16 m) below TOC
 Water elevation: 253.90 ft (77.39 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 44 gal

Time: 15:30
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 23.1°C

WELL CSR 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 The well was dry.

Time: 14:15

WELL CSR 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 32.38 ft (9.87 m) below TOC
 Water elevation: 252.82 ft (77.06 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 19 gal
 The well went dry during purging.

Time: 15:40
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 28.0°C

WELL CSR 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 30.88 ft (9.35 m) below TOC
 Water elevation: 254.02 ft (77.43 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 43 gal

Time: 15:10
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 24.7°C

WELL DBP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
 Depth to water: 17.11 ft (5.22 m) below TOC
 Water elevation: 118.09 ft (35.99 m) msl
 Sp. conductance: 65 µS/cm
 Water evacuated before sampling: 65 gal

Time: 15:45
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 21.1°C

WELL DBP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
 Depth to water: 10.74 ft (3.27 m) below TOC
 Water elevation: 115.56 ft (35.22 m) msl
 Sp. conductance: 304 µS/cm
 Water evacuated before sampling: 81 gal

Time: 16:40
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

WELL DBP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
 Depth to water: 8.99 ft (2.74 m) below TOC
 Water elevation: 119.31 ft (36.37 m) msl
 Sp. conductance: 58 µS/cm
 Water evacuated before sampling: 86 gal

Time: 16:05
 pH: 5.5
 Alkalinity: 3 mg/L
 Water temperature: 20.8°C

WELL DBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
 Depth to water: 9.13 ft (2.78 m) below TOC
 Water elevation: 117.07 ft (35.68 m) msl
 Sp. conductance: 107 µS/cm
 Water evacuated before sampling: 85 gal

Time: 16:20
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 19.8°C

WELL DCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
 Depth to water: 13.01 ft (3.97 m) below TOC
 Water elevation: 114.09 ft (34.78 m) msl
 Sp. conductance: 4020 µS/cm
 Water evacuated before sampling: 62 gal

Time: 12:45
 pH: 2.4
 Alkalinity: 0 mg/L
 Water temperature: 22.0°C

WELL DCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
 Depth to water: 11.80 ft (3.54 m) below TOC
 Water elevation: 122.70 ft (37.40 m) msl
 Sp. conductance: 50 µS/cm
 Water evacuated before sampling: 86 gal

Time: 12:20
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 22.1°C

ANALYTICAL RESULTS

WELL DCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 13.93 ft (4.25 m) below TOC
Water elevation: 119.07 ft (36.29 m) msl
Sp. conductance: 49 μ S/cm
Water evacuated before sampling: 59 gal

Time: 14:00
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 21.3°C

WELL DCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 11.41 ft (3.48 m) below TOC
Water elevation: 118.09 ft (35.99 m) msl
Sp. conductance: 702 μ S/cm
Water evacuated before sampling: 67 gal

Time: 13:40
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 22.2°C

WELL DCB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 5.35 ft (1.63 m) below TOC
Water elevation: 117.55 ft (35.83 m) msl
Sp. conductance: 613 μ S/cm
Water evacuated before sampling: 87 gal

Time: 13:25
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.5°C

WELL DCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 18.01 ft (5.49 m) below TOC
Water elevation: 115.19 ft (35.11 m) msl
Sp. conductance: 3100 μ S/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 14:10
pH: 3.6
Alkalinity: 0 mg/L
Water temperature: 23.1°C

WELL DCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 18.42 ft (5.00 m) below TOC
Water elevation: 116.38 ft (35.47 m) msl
Sp. conductance: 1637 μ S/cm
Water evacuated before sampling: 20 gal

Time: 11:50
pH: 3.0
Alkalinity: 0 mg/L
Water temperature: 22.7°C

WELL DCB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 12.88 ft (3.93 m) below TOC
Water elevation: 123.92 ft (37.77 m) msl
Sp. conductance: 48 μ S/cm
Water evacuated before sampling: 35 gal

Time: 12:05
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 21.2°C

WELL DCB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 9.00 ft (2.74 m) below TOC
Water elevation: 113.30 ft (34.53 m) msl
Sp. conductance: 1367 μ S/cm
Water evacuated before sampling: 42 gal

Time: 12:35
pH: 3.3
Alkalinity: 0 mg/L
Water temperature: 22.3°C

WELL DCB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 10.89 ft (3.26 m) below TOC
Water elevation: 113.21 ft (34.51 m) msl
Sp. conductance: 3790 μ S/cm
Water evacuated before sampling: 35 gal

Time: 13:10
pH: 2.3
Alkalinity: 0 mg/L
Water temperature: 22.7°C

WELL DCB 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 10.58 ft (3.22 m) below TOC
Water elevation: 120.02 ft (36.58 m) msl
Sp. conductance: 3050 μ S/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 15:10
pH: 5.8
Alkalinity: 18 mg/L
Water temperature: 22.7°C

WELL DCB 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 8.38 ft (2.55 m) below TOC
Water elevation: 108.52 ft (33.08 m) msl
Sp. conductance: 180 μ S/cm
Water evacuated before sampling: 43 gal

Time: 15:20
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 21.4°C

WELL DCB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 416 μ S/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.

Time: 15:00
pH: 5.9
Alkalinity: 134 mg/L
Water temperature: 22.3°C

WELL DCB 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 19.90 ft (6.07 m) below TOC
Water elevation: 109.50 ft (33.38 m) msl
Sp. conductance: 5740 μ S/cm
Water evacuated before sampling: 54 gal

Time: 14:30
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 22.1°C

WELL DCB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 19.82 ft (6.04 m) below TOC
Water elevation: 107.79 ft (32.85 m) msl
Sp. conductance: 884 μ S/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 14:40
pH: 6.4
Alkalinity: 176 mg/L
Water temperature: 20.8°C

WELL DCB 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 17.78 ft (5.42 m) below TOC
Water elevation: 110.12 ft (33.56 m) msl
Sp. conductance: 869 μ S/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 14:50
pH: 6.7
Alkalinity: 258 mg/L
Water temperature: 22.0°C

WELL DOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
Depth to water: 12.05 ft (3.67 m) below TOC
Water elevation: 139.65 ft (42.57 m) msl
Sp. conductance: 152 μ S/cm
Water evacuated before sampling: 65 gal

Time: 11:05
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 21.5°C

ANALYTICAL RESULTS

WELL DOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
 Depth to water: 12.96 ft (3.95 m) below TOC
 Water elevation: 139.24 ft (42.44 m) msl
 Sp. conductance: 58 µS/cm
 Water evacuated before sampling: 72 gal

Time: 10:45
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 21.5°C

WELL DOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
 Depth to water: 13.25 ft (4.04 m) below TOC
 Water elevation: 139.55 ft (42.54 m) msl
 Sp. conductance: 35 µS/cm
 Water evacuated before sampling: 81 gal

Time: 10:20
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 20.7°C

WELL DOB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/27/90
 Depth to water: 13.84 ft (4.22 m) below TOC
 Water elevation: 139.16 ft (42.42 m) msl
 Sp. conductance: 47 µS/cm
 Water evacuated before sampling: 78 gal

Time: 9:55
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 21.5°C

WELL F 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 13:45

WELL F 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 47.00 ft (14.33 m) below TOC
 Water elevation: 206.50 ft (62.94 m) msl
 Sp. conductance: 121 µS/cm
 Water evacuated before sampling: 3 gal

Time: 13:30
 pH: 4.8
 Water temperature: 23.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	280 ± 50	pCi/L	MT
2	Gross alpha	86 ± 8.9	pCi/L	GE
2	Gross alpha	74 ± 20	pCi/L	GE
2	Gross alpha	118 ± 20	pCi/L	EM
2	Nonvolatile beta	430 ± 50	pCi/L	MT
2	Nonvolatile beta	60 ± 7.8	pCi/L	GE
2	Nonvolatile beta	54 ± 7.4	pCi/L	GE
2	Nonvolatile beta	135 ± 20	pCi/L	EM
2	Tritium	310 ± 40	pCi/mL	MT
2	Tritium	437 ± 2.2	pCi/mL	GE
2	Tritium	440 ± 2.2	pCi/mL	GE
2	Tritium	696 ± 20	pCi/mL	EM

WELL F 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 14:30

WELL F 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 36.50 ft (11.13 m) below TOC
 Water elevation: 203.30 ft (61.97 m) msl
 Sp. conductance: 71 µS/cm
 No water was evacuated before sampling.

Time: 13:50
 pH: 7.2
 Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.1 ± 1.1	pCi/L	EM
2	Nonvolatile beta	153 ± 20	pCi/L	EM
2	Tritium	448 ± 10	pCi/mL	EM

WELL F 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 13:15

WELL FAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 84.13 ft (25.64 m) below TOC
 Water elevation: 227.87 ft (69.39 m) msl
 Sp. conductance: 227 µS/cm
 Water evacuated before sampling: 1 gal
 There was insufficient water to fill all or some sample bottles.

Time: 11:55
 pH: 8.5
 Alkalinity: 24 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.7	pH	GE
1	Specific conductance	289	µS/cm	GE
0	Turbidity	394	NTU	GE
1	Arsenic	5.1	µg/L	GE
0	Barium	21	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	16,700	µg/L	GE
1	Chloride	12,400	µg/L	GE
1	Chromium	8.8	µg/L	GE
0	Fluoride	200	µg/L	GE
0	Iron	37	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,570	µg/L	GE
0	Manganese	<2.0	µg/L	GE
2	Mercury	34	µg/L	GE
0	Nitrate as nitrogen	270	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	6,130	µg/L	GE
1	Selenium	2.0	µg/L	GE
1	Silica	10,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	18,100	µg/L	GE
1	Sulfate	69,700	µg/L	GE
0	Total dissolved solids	190,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	11	µg/L	GE
1	Total phosphates	610	µg/L	GE
0	Tritium	2.4 ± 0.40	pCi/mL	GE

ANALYTICAL RESULTS

WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 13:00
 Depth to water: 83.25 ft (25.37 m) below TOC pH: 4.7
 Water elevation: 226.65 ft (69.08 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 119 µS/cm Water temperature: 23.1°C
 Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	94	µS/cm	GE
0	Turbidity	23	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	35	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,250	µg/L	GE
0	Chloride	2,800	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	68	µg/L	GE
0	Lead	7.2	µg/L	GE
0	Magnesium	2,850	µg/L	GE
2	Manganese	268	µg/L	GE
1	Mercury	0.49	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,070	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,240	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
1	Sulfate	34,200	µg/L	GE
0	Total dissolved solids	78,000	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
1	Gross alpha	7.0 ± 1.4	pCi/l	GE
0	Nonvolatile beta	4.6 ± 2.5	pCi/l	GE
2	Total radium	9.7 ± 3.6	pCi/l	GE
0	Tritium	<0.70	pCi/mL	GE

WELL FAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 11:15
 Depth to water: 94.51 ft (28.81 m) below TOC pH: 4.9
 Water elevation: 221.29 ft (67.45 m) msl Alkalinity: 2 mg/L
 Sp. conductance: 101 µS/cm Water temperature: 21.2°C
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
1	Specific conductance	103	µS/cm	GE
0	Turbidity	136	NTU	GE
1	Arsenic	15	µg/L	GE
0	Barium	12	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,220	µg/L	GE
0	Chloride	3,100	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	59	µg/L	GE
0	Lead	8.8	µg/L	GE
0	Magnesium	2,690	µg/L	GE
1	Manganese	44	µg/L	GE
2	Mercury	45	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
1	Potassium	7,090	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,370	µg/L	GE

WELL FAC 5 collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	4,110	µg/L	GE
1	Sulfate	27,700	µg/L	GE
0	Total dissolved solids	90,000	µg/L	GE
2	Total organic carbon	32,000	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	2.7 ± 3.5	pCi/L	GE
0	Total radium	1.1 ± 2.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL FAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 10:40
 Depth to water: 95.66 ft (29.16 m) below TOC pH: 5.8
 Water elevation: 216.84 ft (66.09 m) msl Alkalinity: 16 mg/L
 Sp. conductance: 87 µS/cm Water temperature: 21.1°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
0	pH	4.7	pH	GE
1	Specific conductance	119	µS/cm	GE
0	Turbidity	87	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,600	µg/L	GE
0	Chloride	3,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	423	µg/L	GE
1	Manganese	31	µg/L	GE
2	Mercury	26	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,760	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	10,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	7,290	µg/L	GE
0	Sulfate	5,900	µg/L	GE
0	Total dissolved solids	88,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	60	µg/L	GE
0	Tritium	0.87 ± 0.30	pCi/mL	GE

WELL FAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 9:55
 Depth to water: 94.90 ft (28.93 m) below TOC pH: 5.9
 Water elevation: 217.10 ft (66.17 m) msl Alkalinity: 16 mg/L
 Sp. conductance: 93 µS/cm Water temperature: 21.0°C
 Water evacuated before sampling: 4 gal
 The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.6	pH	GE
1	Specific conductance	105	µS/cm	GE
0	Turbidity	132	NTU	GE
1	Arsenic	13	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,310	µg/L	GE
0	Chloride	3,900	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	70	µg/L	GE

ANALYTICAL RESULTS

WELL FAC 7 collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Magnesium	808	µg/L	GE
0	Manganese	18	µg/L	GE
2	Mercury	38	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	5,730	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,010	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	11,500	µg/L	GE
1	Sulfate	11,700	µg/L	GE
0	Total dissolved solids	104,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	170	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	8.3±3.8	pCi/L	GE
0	Total radium	<1.0	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL FAC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 88.61 ft (27.01 m) below TOC
 Water elevation: 222.39 ft (67.79 m) msl
 Sp. conductance: 144 µS/cm
 Water evacuated before sampling: 11 gal
 The well went dry during purging.

Time: 9:10
 pH: 6.0
 Alkalinity: 49 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
1	Specific conductance	150	µS/cm	GE
0	Turbidity	160	NTU	GE
1	Arsenic	20	µg/L	GE
1	Barium	54	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	19,800	µg/L	GE
0	Chloride	4,400	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	gamma-Benzene hexachloride (Lindane)	0.047	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	15	µg/L	GE
0	Magnesium	1,040	µg/L	GE
0	Manganese	18	µg/L	GE
2	Mercury	57	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	260	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	5,790	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,780	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,780	µg/L	GE
0	Sulfate	6,000	µg/L	GE
0	Total dissolved solids	157,000	µg/L	GE
1	Total organic carbon	21,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	260	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	2.6±3.4	pCi/L	GE
1	Total radium	3.3±2.5	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL FAL 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 96.35 ft (29.37 m) below TOC
 Water elevation: 216.55 ft (66.01 m) msl
 Sp. conductance: 158 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 14:30
 pH: 6.8
 Alkalinity: 62 mg/L
 Water temperature: 25.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
2	Trichloroethylene	35	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	2.6±1.8	pCi/L	GE
0	Total radium	1.3±2.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL FAL 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 97.25 ft (29.84 m) below TOC
 Water elevation: 214.85 ft (65.49 m) msl
 Sp. conductance: 50 µS/cm
 Water evacuated before sampling: 1 gal
 The well went dry during purging.

Time: 14:50
 pH: 5.3
 Alkalinity: 4 mg/L
 Water temperature: 25.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
2	Trichloroethylene	32	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	4.0±2.1	pCi/L	GE
0	Total radium	1.3±2.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL FBP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 83.99 ft (25.60 m) below TOC
 Water elevation: 203.91 ft (62.15 m) msl
 Sp. conductance: 104 µS/cm
 Water evacuated before sampling: 111 gal

Time: 11:10
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

WELL FBP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 100.67 ft (30.68 m) below TOC
 Water elevation: 188.43 ft (57.43 m) msl
 Sp. conductance: 41 µS/cm
 Water evacuated before sampling: 133 gal

Time: 10:45
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 19.2°C

WELL FBP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 102.11 ft (31.12 m) below TOC
 Water elevation: 180.79 ft (55.15 m) msl
 Sp. conductance: 56 µS/cm
 Water evacuated before sampling: 129 gal

Time: 10:10
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 19.0°C

ANALYTICAL RESULTS

WELL FBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 78.09 ft (23.19 m) below TOC
 Water elevation: 210.21 ft (64.07 m) msl
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 117 gal

Time: 9:30
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 18.2°C

WELL FCA 1N

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 The well was dry.

Time: 9:55

WELL FCA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90
 Depth to water: 14.50 ft (4.42 m) below TOC
 Water elevation: 297.70 ft (90.74 m) msl
 Sp. conductance: 275 µS/cm
 Water evacuated before sampling: 1 gal
 There was insufficient water to fill all or some sample bottles.

Time: 9:30
 pH: 8.3
 Alkalinity: 95 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Strontium-89/90	-0.097 ± 0.61	pCi/L	EM

WELL FCA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90
 Depth to water: 90.46 ft (27.57 m) below TOC
 Water elevation: 221.74 ft (67.59 m) msl
 Sp. conductance: 482 µS/cm
 Water evacuated before sampling: 1 gal
 There was insufficient water to fill all or some sample bottles.

Time: 9:10
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 60	pCi/L	EM
0	Cerium-144	< 162	pCi/L	EM
0	Cesium-134	< 19	pCi/L	EM
0	Cesium-137	< 23	pCi/L	EM
0	Chemical cesium	-0.19 ± 1.9	pCi/L	EM
0	Chromium-51	< 188	pCi/L	EM
0	Cobalt-60	< 24	pCi/L	EM
2	Gross alpha	96 ± 50	pCi/L	EM
0	Iodine-131	< 22	pCi/L	EM
0	Niobium-95	< 24	pCi/L	EM
2	Nonvolatile beta	871 ± 40	pCi/L	EM
0	Ruthenium-103	< 22	pCi/L	EM
0	Ruthenium-106	< 217	pCi/L	EM
0	Strontium-89/90	-0.22 ± 2.8	pCi/L	EM
1	Tritium	12 ± 1.1	pCi/mL	EM
0	Zirconium-95	< 41	pCi/L	EM

WELL FCA 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Inaccessibility or pump failure prevented sample collection.

Time: 10:40

WELL FCA 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/90
 The well was dry.

Time: 14:50

WELL FCA 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Inaccessibility or pump failure prevented sample collection.

Time: 10:15

WELL FCA 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90
 Depth to water: 87.73 ft (26.74 m) below TOC
 Water elevation: 224.17 ft (68.33 m) msl
 Sp. conductance: 232 µS/cm
 Water evacuated before sampling: 1 gal
 There was insufficient water to fill all or some sample bottles.

Time: 10:15
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 23.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 55	pCi/L	EM
0	Cerium-144	< 139	pCi/L	EM
0	Cesium-134	< 19	pCi/L	EM
0	Cesium-137	< 20	pCi/L	EM
0	Chromium-51	< 179	pCi/L	EM
0	Cobalt-60	< 22	pCi/L	EM
2	Gross alpha	50 ± 20	pCi/L	EM
0	Iodine-131	< 32	pCi/L	EM
0	Niobium-95	< 21	pCi/L	EM
2	Nonvolatile beta	1,340 ± 60	pCi/L	EM
0	Ruthenium-103	< 18	pCi/L	EM
0	Ruthenium-106	< 181	pCi/L	EM
2	Strontium-89/90	612 ± 20	pCi/L	EM
2	Strontium-89/90	424 ± 10	pCi/L	EM
0	Tritium	5.8 ± 0.76	pCi/mL	EM
0	Zirconium-95	< 35	pCi/L	EM

WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90
 Depth to water: 87.99 ft (26.82 m) below TOC
 Water elevation: 223.81 ft (68.22 m) msl
 Sp. conductance: 63 µS/cm
 Water evacuated before sampling: 1 gal
 The well went dry during purging.

Time: 11:05
 pH: 5.8
 Alkalinity: 4 mg/L
 Water temperature: 23.9°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
1	Nitrate as nitrogen	5,640	µg/L	GE
1	Nitrate as nitrogen	6,300	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	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	< 52	pCi/L	EM
0	Cerium-144	< 130	pCi/L	EM
0	Cesium-134	< 21	pCi/L	EM
0	Cesium-137	< 21	pCi/L	EM
0	Chromium-51	< 190	pCi/L	EM
0	Cobalt-60	< 22	pCi/L	EM
0	Gross alpha	4.2 ± 1.2	pCi/L	GE
0	Gross alpha	4.8 ± 1.2	pCi/L	GE
0	Gross alpha	1.0 ± 1.3	pCi/L	EM
0	Iodine-131	< 29	pCi/L	EM
0	Niobium-95	< 22	pCi/L	EM
0	Nonvolatile beta	4.3 ± 1.7	pCi/L	GE
0	Nonvolatile beta	4.3 ± 1.7	pCi/L	GE
0	Nonvolatile beta	1.3 ± 1.3	pCi/L	EM
0	Ruthenium-103	< 20	pCi/L	EM
0	Ruthenium-106	< 166	pCi/L	EM
0	Strontium-89/90	-0.12 ± 1.9	pCi/L	EM
1	Total radium	4.3 ± 1.8	pCi/L	GE
2	Total radium	5.1 ± 1.9	pCi/L	GE
0	Tritium	8.6 ± 0.83	pCi/mL	EM
0	Zirconium-95	< 35	pCi/L	EM

ANALYTICAL RESULTS

WELL FCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 78.87 ft (23.43 m) below TOC
 Water elevation: 227.03 ft (69.20 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 3 gal
 The well went dry during purging.

Time: 10:00
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 19.8°C

WELL FCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 83.07 ft (25.32 m) below TOC
 Water elevation: 227.43 ft (69.32 m) msl
 Sp. conductance: 101 µS/cm
 Water evacuated before sampling: 1 gal
 The well went dry during purging.

Time: 10:10
 pH: 6.2
 Alkalinity: 35 mg/L
 Water temperature: 19.8°C

WELL FCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/90
 The well was dry.

Time: 16:05

WELL FET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 48.19 ft (14.69 m) below TOC
 Water elevation: 221.81 ft (67.61 m) msl
 Sp. conductance: 59 µS/cm
 Water evacuated before sampling: 9 gal
 The well went dry during purging.

Time: 14:45
 pH: 4.9
 Alkalinity: 4 mg/L
 Water temperature: 22.9°C

WELL FET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 49.61 ft (15.12 m) below TOC
 Water elevation: 220.39 ft (67.18 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 43 gal

Time: 13:35
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 22.3°C

WELL FET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 64.85 ft (19.77 m) below TOC
 Water elevation: 220.35 ft (67.18 m) msl
 Sp. conductance: 48 µS/cm
 Water evacuated before sampling: 60 gal

Time: 13:50
 pH: 4.8
 Alkalinity: 3 mg/L
 Water temperature: 22.0°C

WELL FET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 85.84 ft (20.10 m) below TOC
 Water elevation: 220.96 ft (67.35 m) msl
 Sp. conductance: 39 µS/cm
 Water evacuated before sampling: 56 gal

Time: 14:30
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 23.5°C

WELL FNB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90
 Depth to water: 78.11 ft (23.20 m) below TOC
 Water elevation: 208.19 ft (63.46 m) msl
 Sp. conductance: 81 µS/cm
 Water evacuated before sampling: 81 gal

Time: 10:10
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium	23	µg/L	MT
0	Barium	17	µg/L	GE
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
1	Cadmium	3.5	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Copper	13	µg/L	MT
0	Copper	18	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Iron	43	µg/L	MT
0	Iron	35	µg/L	GE
0	Lead	17	µg/L	MT
0	Lead	14	µg/L	GE
0	Manganese	20	µg/L	MT
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
1	Nickel	10	µg/L	MT
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	5,700	µg/L	MT
1	Nitrate as nitrogen	7,200	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	8,350	µg/L	MT
1	Sodium	7,240	µg/L	GE
0	Zinc	15	µg/L	MT
0	Zinc	18	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	3.8	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	8.1±3.7	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	7.2±4.0	pCi/L	GE
1	Total activity	196±3.2	pCi/mL	EM
0	Total radium	2.2±0.40	pCi/L	MT
1	Total radium	3.2±2.5	pCi/L	GE

WELL FNB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90
 Depth to water: 78.11 ft (23.20 m) below TOC
 Water elevation: 208.19 ft (63.46 m) msl
 Sp. conductance: 81 µS/cm
 Water evacuated before sampling: 81 gal

Time: 10:10
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium	20	µg/L	MT
0	Barium	20	µg/L	GE
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT

ANALYTICAL RESULTS

WELL FNB 1 collected on 05/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Copper	12	µg/L	MT
1	Copper	28	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Iron	32	µg/L	MT
0	Iron	31	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	15	µg/L	GE
0	Manganese	17	µg/L	MT
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nickel	7.7	µg/L	MT
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	5,860	µg/L	MT
1	Nitrate as nitrogen	8,700	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	8,140	µg/L	MT
1	Sodium	8,950	µg/L	GE
0	Zinc	11	µg/L	MT
0	Zinc	11	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	2.1 ± 2.2	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	8.9 ± 4.0	pCi/L	GE
1	Total radium	2.5 ± 0.50	pCi/L	MT
0	Total radium	1.9 ± 2.2	pCi/L	GE

WELL FNB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90
 Depth to water: 83.66 ft (25.50 m) below TOC
 Water elevation: 204.14 ft (62.22 m) msl
 Sp. conductance: 227 µS/cm
 Water evacuated before sampling: 61 gal

Time: 10:50
 pH: 3.7
 Alkalinity: 0 mg/L
 Water temperature: 19.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Barium	89	µg/L	MT
0	Beryllium	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Copper	19	µg/L	MT
0	Fluoride	<250	µg/L	MT
1	Iron	209	µg/L	MT
0	Lead	5.2	µg/L	MT
2	Manganese	356	µg/L	MT
1	Mercury	0.46	µg/L	MT
1	Nickel	28	µg/L	MT
2	Nitrate as nitrogen	19,100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	10,100	µg/L	MT
0	Zinc	35	µg/L	MT
2	Gross alpha	47 ± 6.0	pCi/L	MT
2	Nonvolatile beta	440 ± 50	pCi/L	MT
1	Total activity	321 ± 4.0	pCi/mL	EM
2	Total radium	9.0 ± 0.50	pCi/L	MT

WELL FNB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90
 Depth to water: 77.60 ft (23.65 m) below TOC
 Water elevation: 206.40 ft (62.91 m) msl
 Sp. conductance: 88 µS/cm
 Water evacuated before sampling: 63 gal

Time: 11:25
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium	33	µg/L	MT
0	Beryllium	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	3.9	µg/L	MT
2	Manganese	140	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	8.5	µg/L	MT
1	Nitrate as nitrogen	8,680	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	8,280	µg/L	MT
0	Zinc	35	µg/L	MT
1	Gross alpha	8.0 ± 2.8	pCi/L	MT
2	Nonvolatile beta	60 ± 6.0	pCi/L	MT
1	Total radium	4.1 ± 0.60	pCi/L	MT

WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90
 Depth to water: 80.98 ft (24.68 m) below TOC
 Water elevation: 210.54 ft (64.17 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 80 gal

Time: 12:00
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium	<10	µg/L	MT
0	Barium	7.3	µg/L	GE
0	Beryllium	<3.0	µg/L	MT
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	6.2	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	14	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	7.3	µg/L	GE
0	Manganese	11	µg/L	MT
0	Manganese	9.8	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,590	µg/L	MT
0	Nitrate as nitrogen	2,000	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	2,590	µg/L	MT
0	Sodium	2,780	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	5.8	µg/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	2.2 ± 2.8	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	2.1 ± 5.1	pCi/L	GE
1	Total radium	3.1 ± 0.50	pCi/L	MT
0	Total radium	2.2 ± 3.4	pCi/L	GE

ANALYTICAL RESULTS

WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/90
 Depth to water: 80.98 ft (24.88 m) below TOC
 Water elevation: 210.54 ft (64.17 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 80 gal

Time: 12:00
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium	< 10	µg/L	MT
0	Barium	11	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Beryllium	< 3.0	µg/L	MT
0	Beryllium	< 3.0	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	6.4	µg/L	GE
0	Copper	7.8	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	25	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Manganese	10	µg/L	MT
0	Manganese	8.8	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,600	µg/L	MT
0	Nitrate as nitrogen	2,040	µg/L	GE
0	Nitrate as nitrogen	2,020	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,610	µg/L	MT
0	Sodium	2,520	µg/L	GE
0	Sodium	2,690	µg/L	GE
0	Zinc	12	µg/L	MT
0	Zinc	9.6	µg/L	GE
0	Zinc	6.9	µg/L	GE
0	Gross alpha	< 3.0	pCi/L	MT
0	Gross alpha	3.0±3.1	pCi/L	GE
0	Gross alpha	2.5±2.9	pCi/L	GE
0	Nonvolatile beta	9.2±3.7	pCi/L	MT
0	Nonvolatile beta	3.6±5.3	pCi/L	GE
0	Nonvolatile beta	3.4±5.2	pCi/L	GE
0	Total radium	1.7±0.40	pCi/L	MT
1	Total radium	3.6±3.8	pCi/L	GE
1	Total radium	3.8±3.8	pCi/L	GE

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 80.04 ft (24.40 m) below TOC
 Water elevation: 214.16 ft (65.28 m) msl
 Sp. conductance: 114 µS/cm
 Water evacuated before sampling: 45 gal

Time: 12:50
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.2	pH	MT
1	Specific conductance	103	µS/cm	MT
0	Aluminum	< 40	µg/L	MT

WELL FSB 76 collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	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	< 3.0	µg/L	MT
0	Calcium	1,290	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
2	Copper	868	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	< 20	µg/L	MT
2	Lead	42	µg/L	MT
0	Magnesium	1,320	µg/L	MT
0	Manganese	8.8	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	7.8	µg/L	MT
2	Nitrate as nitrogen	10,000	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 800	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	6,880	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	14,900	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	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	201	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	< 119	µg/L	MT
1	Zinc	654	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	Americium-241	2.5±0.50	pCi/L	TE
1	Americium-243	1.8±0.40	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	< 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	1.0±0.40	pCi/L	TE
1	Gross alpha	13±3.0	pCi/L	MT
2	Gross alpha	27±5.0	pCi/L	TE
0	Iodine-129	< 2.0	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-55	< 60	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	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 8.0	pCi/L	TE
1	Nonvolatile beta	29±4.0	pCi/L	MT
1	Nonvolatile beta	38±3.0	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	< 60	pCi/L	TE

ANALYTICAL RESULTS

WELL FSB 78 collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Radium-226	<90	pCi/L	TE
1	Radium-228	2.8 ± 0.70	pCi/L	TE
1	Radium-228	2.8 ± 1.8	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-108	<30	pCi/L	TE
0	Strontium-89	<8.0	pCi/L	TE
1	Strontium-90	6.9 ± 1.5	pCi/L	TE
1	Technetium-99	15 ± 4.0	pCi/L	TE
1	Thorium-228	0.82 ± 0.14	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
1	Thorium-230	20 ± 1.0	pCi/L	TE
1	Thorium-232	0.28 ± 0.080	pCi/L	TE
1	Total activity	775 ± 6.4	pCi/ml	EM
2	Total radium	5.7 ± 0.90	pCi/L	MT
2	Tritium	860 ± 70	pCi/mL	MT
2	Tritium	780 ± 10	pCi/mL	TE
1	Uranium-234	4.9 ± 1.5	pCi/L	TE
0	Uranium-235	<0.20	pCi/L	TE
0	Uranium-238	<0.40	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL FSB 76A collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<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	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	130	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	51	µg/L	GE
0	Iron	57	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	808	µg/L	MT
0	Magnesium	523	µg/L	GE
0	Magnesium	503	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	0.28	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	MT
0	Potassium	1,600	µg/L	MT
0	Potassium	1,560	µg/L	GE
0	Potassium	1,810	µg/L	GE
1	Selenium	3.8	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	23,200	µg/L	GE
1	Silica	22,200	µg/L	GE
1	Silica	28,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,780	µg/L	MT
0	Sodium	2,010	µg/L	GE
0	Sodium	1,970	µg/L	GE
0	Sulfate	8,400	µg/L	MT
0	Sulfate	8,300	µg/L	GE
0	Sulfate	8,600	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	89,000	µg/L	MT
0	Total dissolved solids	102,000	µg/L	GE
0	Total dissolved solids	108,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 130.49 ft (42.52 m) below TOC
 Water elevation: 154.41 ft (47.06 m) msl
 Sp. conductance: 115 µS/cm
 Water evacuated before sampling: 306 gal

Time: 13:25
 pH: 6.2
 Alkalinity: 37 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
1	pH	6.9	pH	GE
1	pH	6.8	pH	GE
1	Specific conductance	128	µS/cm	MT
1	Specific conductance	109	µS/cm	GE
1	Specific conductance	110	µS/cm	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	MT
0	Barium	21	µg/L	GE
0	Barium	20	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	17,500	µg/L	MT
1	Calcium	15,800	µg/L	GE
1	Calcium	15,900	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	µg/L	MT
0	Chloride	2,200	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 76A collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	293	µg/L	MT
1	Total phosphates	390	µg/L	GE
1	Total phosphates	410	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	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-1,3-Dichloropropene	<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	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	20	µg/L	GE
0	Zinc	18	µg/L	GE
0	1,1-Dichloroethane	<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-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<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	1,1,2-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	1,1,2,2-Tetrachloroethane	<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	1,2-Dichloroethane	<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-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<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
1	Americium-241	0.41 ± 0.22	pCi/L	TE
1	Americium-243	0.24 ± 0.20	pCi/L	TE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<70	pCi/L	TE
0	Carbon-14	<10	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
1	Curium-242	0.17 ± 0.14	pCi/L	TE
1	Curium-243/244	0.98 ± 0.30	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<1.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<60	pCi/L	TE
1	Iron-55	71 ± 30	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	<10	pCi/L	TE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	2.2 ± 1.3	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.070	pCi/L	TE
1	Plutonium-242	1.3 ± 0.80	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	<0.90	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<60	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE

WELL FSB 76A collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Strontium-90	<1.0	pCi/L	TE
0	Technetium-88	<7.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	10 ± 1.0	pCi/L	TE
1	Thorium-230	18 ± 1.0	pCi/L	TE
1	Thorium-232	1.8 ± 0.20	pCi/L	TE
0	Total radium	1.2 ± 0.40	pCi/L	MT
0	Total radium	1.7 ± 3.3	pCi/L	GE
0	Total radium	1.7 ± 3.3	pCi/L	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<2.0	pCi/mL	TE
1	Uranium-234	1.2 ± 1.0	pCi/L	TE
0	Uranium-235	<0.70	pCi/L	TE
0	Uranium-238	<1.0	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 139.49 ft (42.52 m) below TOC
 Water elevation: 154.41 ft (47.06 m) msl
 Sp. conductance: 115 µS/cm
 Water evacuated before sampling: 306 gal

Time: 13:25
 pH: 6.2
 Alkalinity: 37 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	MT
1	pH	6.8	pH	GE
1	Specific conductance	123	µS/cm	MT
1	Specific conductance	111	µS/cm	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	MT
0	Barium	20	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
1	Calcium	17,800	µg/L	MT
1	Calcium	16,800	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,400	µg/L	MT
0	Chloride	2,200	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	110	µg/L	GE
0	Iron	<20	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 76A collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	14	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	823	µg/L	MT
0	Magnesium	549	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nickel	6.4	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,820	µg/L	MT
0	Potassium	1,840	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	23,000	µg/L	GE
1	Silica	27,100	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	1,810	µg/L	MT
0	Sodium	1,820	µg/L	GE
0	Sulfate	8,400	µg/L	MT
0	Sulfate	8,300	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	91,000	µg/L	MT
0	Total dissolved solids	110,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	273	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	4.3	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
1	Total radium	2.5 ± 3.6	pCi/L	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<0.70	pCi/mL	GE

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 143.11 ft (43.62 m) below TOC
 Water elevation: 150.89 ft (45.93 m) msl
 Sp. conductance: 132 µS/cm
 Water evacuated before sampling: 134 gal

Time: 13:45
 pH: 8.4
 Alkalinity: 51 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.8	pH	MT
1	Specific conductance	149	µS/cm	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
1	Calcium	22,600	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,300	µg/L	MT
0	Chlorobenzene	<5.0	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	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	875	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	450	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
1	Selenium	4.3	µg/L	MT
1	Silica	18,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,520	µg/L	MT
0	Sulfate	3,100	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	84,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	318	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Americium-241	0.46 ± 0.24	pCi/L	TE
1	Americium-243	2.0 ± 0.40	pCi/L	TE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Carbon-14	<10	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	<4.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.10	pCi/L	TE
1	Curium-243/244	1.2 ± 0.70	pCi/L	TE
1	Curium-246	0.33 ± 0.19	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<1.0	pCi/L	TE

ANALYTICAL RESULTS

WELL FSB 76B collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iodine-129	< 4.0	pCi/L	TE
0	Iodine-131	< 90	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	Neptunium-237	< 6.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
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-238/240	< 0.10	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
0	Potassium-40	< 40	pCi/L	TE
0	Radium-226	< 60	pCi/L	TE
0	Radium-226	< 1.0	pCi/L	TE
0	Radium-228	< 2.0	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	Technetium-99	< 7.0	pCi/L	TE
0	Thorium-228	< 5.0	pCi/L	TE
1	Thorium-228	15 ± 1.0	pCi/L	TE
1	Thorium-230	26 ± 1.0	pCi/L	TE
1	Thorium-232	4.9 ± 0.40	pCi/L	TE
0	Total radium	1.3 ± 0.40	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 2.0	pCi/mL	TE
0	Uranium-234	< 2.0	pCi/L	TE
0	Uranium-235	< 1.0	pCi/L	TE
0	Uranium-238	< 1.0	pCi/L	TE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 4.0	pCi/L	TE

WELL FSB 76C collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sodium	1,920	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	27,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	5.2	µg/L	MT
0	Total phosphates	40	µg/L	MT
0	trans-1,2-Dichloroethane	< 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 5.0	µg/L	MT
0	Uranium	< 119	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	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	< 40	pCi/L	TE
0	Carbon-14	< 20	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	0.32 ± 0.29	pCi/L	TE
1	Curium-243/244	2.1 ± 0.70	pCi/L	TE
0	Curium-246	< 0.20	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	TE
0	Iodine-129	< 3.0	pCi/L	TE
0	Iodine-131	< 80	pCi/L	TE
1	Iron-55	150 ± 30	pCi/L	TE
0	Iron-59	< 9.0	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Neptunium-237	< 7.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	TE
0	Plutonium-238	< 0.40	pCi/L	TE
0	Plutonium-238/240	< 0.20	pCi/L	TE
0	Plutonium-242	< 0.10	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	< 2.0	pCi/L	TE
0	Ruthenium-103	< 6.0	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	Technetium-99	< 5.0	pCi/L	TE
0	Thorium-228	< 6.0	pCi/L	TE
1	Thorium-228	11 ± 1.0	pCi/L	TE
1	Thorium-230	28 ± 1.0	pCi/L	TE
1	Thorium-232	0.27 ± 0.11	pCi/L	TE
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	2.6 ± 0.30	pCi/mL	MT
0	Tritium	2.8 ± 1.3	pCi/mL	TE
1	Uranium-234	0.66 ± 0.53	pCi/L	TE
0	Uranium-235	< 0.40	pCi/L	TE
0	Uranium-238	< 0.60	pCi/L	TE
0	Zinc-65	< 6.0	pCi/L	TE
0	Zirconium-95	< 4.0	pCi/L	TE

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 83.19 ft (25.36 m) below TOC
 Water elevation: 210.41 ft (64.13 m) msl
 Sp. conductance: 48 µS/cm
 Water evacuated before sampling: 144 gal

Time: 14:05
 pH: 5.3
 Alkalinity: 9 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	53	µS/cm	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	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
0	Calcium	5,230	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 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	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	324	µg/L	MT
0	Manganese	6.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	5.4	µg/L	MT
0	Nitrate as nitrogen	1,100	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	9,940	µg/L	MT
0	Silver	< 2.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90 Time: 11:10
 Depth to water: 83.63 ft (19.39 m) below TOC pH: 3.3
 Water elevation: 209.67 ft (63.91 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 1025 µS/cm Water temperature: 20.3°C
 Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.8	pH	MT
1	Specific conductance	1,150	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	142	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	5.1	µg/L	MT
0	Calcium	3,150	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,400	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
1	Copper	45	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	J 3.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	52	µg/L	MT
2	Lead	41	µg/L	MT
0	Magnesium	2,990	µg/L	MT
2	Manganese	801	µg/L	MT
2	Mercury	1.5	µg/L	MT
1	Nickel	19	µg/L	MT
2	Nitrate as nitrogen	124,000	µg/L	MT
1	Phenols	7.0	µg/L	MT
0	Potassium	608	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	31,000	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	44,800	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	1,400	µg/L	MT
0	Total organic halogens	5.7	µg/L	MT
0	Total phosphates	37	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	Uranium	1,220	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	1,1,1-Trichloroethylene	<5.0	µg/L	MT
0	1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	540 ± 60	pCi/L	MT
2	Nonvolatile beta	930 ± 100	pCi/L	MT
1	Total activity	10,400 ± 70	pCi/mL	EM
2	Total radium	55 ± 6.0	pCi/L	MT
2	Tritium	9,700 ± 1,000	pCi/mL	MT

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90 Time: 13:50
 Depth to water: 83.48 ft (19.35 m) below TOC pH: 3.3
 Water elevation: 209.82 ft (63.95 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 1346 µS/cm Water temperature: 21.2°C
 Water evacuated before sampling: 62 gal

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90 Time: 18:05
 Depth to water: 68.01 ft (20.12 m) below TOC pH: 2.9
 Water elevation: 206.59 ft (62.97 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 2770 µS/cm Water temperature: 23.2°C
 Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.0	pH	MT
0	Specific conductance	3.2	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
1	Arsenic	7.0	µg/L	MT
1	Barium	203	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	<3.0	µg/L	MT
0	Calcium	3,690	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
2	Chromium	27	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	41	µg/L	MT
1	Copper	84	µg/L	MT
1	Cyanide	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	<2.0	µg/L	MT
0	Magnesium	758	µg/L	MT
2	Manganese	1,240	µg/L	MT
2	Mercury	2.7	µg/L	MT
1	Nickel	51	µg/L	MT
2	Nitrate as nitrogen	429,000	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	184,000	µg/L	MT
1	Silver	5.9	µg/L	MT
1	Sodium	291,000	µg/L	MT
1	Sulfate	46,800	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	1.71E+08	µg/L	MT
1	Total organic carbon	6,000	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
1	Uranium	5,040	µg/L	MT
0	Zinc	156	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethylene	<5.0	µg/L	MT
0	1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	0.15 ± 0.010	pCi/L	TE
1	Americium-243	0.11 ± 0.010	pCi/L	TE

ANALYTICAL RESULTS

WELL FSB 78 collected on 04/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<70	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
1	Carbon-14	88±8.0	pCi/L	TE
1	Cerium-141	15±7.2	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
2	Cesium-137	218±20	pCi/L	TE
0	Cobalt-58	<3.0	pCi/L	TE
0	Cobalt-60	4.8±1.7	pCi/L	TE
0	Curium-242	<0.10	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
1	Curium-246	13±1.0	pCi/L	TE
2	Gross alpha	680±70	pCi/L	MT
2	Gross alpha	920±60	pCi/L	TE
1	Iodine-129	85±4.0	pCi/L	TE
0	Iodine-131	<500	pCi/L	TE
0	Iron-55	<90	pCi/L	TE
0	Iron-59	<9.0	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	<10	pCi/L	TE
2	Nonvolatile beta	1,600±200	pCi/L	MT
2	Nonvolatile beta	2,900±100	pCi/L	TE
1	Plutonium-238	0.91±0.84	pCi/L	TE
0	Plutonium-239/240	<0.080	pCi/L	TE
0	Plutonium-242	<0.080	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
0	Radium-226	<40	pCi/L	TE
1	Radium-226	2.6±0.70	pCi/L	TE
1	Radium-228	35±7.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<20	pCi/L	TE
1	Strontium-90	23±10	pCi/L	TE
1	Technetium-99	93±7.0	pCi/L	TE
1	Thorium-228	350±10	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-230	61±4.0	pCi/L	TE
1	Thorium-232	5.5±1.4	pCi/L	TE
1	Total activity	31,500±120	pCi/mL	EM
2	Total radium	23±3.0	pCi/L	MT
2	Tritium	28,000±3,000	pCi/mL	MT
2	Tritium	35,000±1,000	pCi/mL	TE
1	Uranium-234	170±10	pCi/L	TE
1	Uranium-235	12±3.0	pCi/L	TE
1	Uranium-238	890±20	pCi/L	TE
0	Zinc-65	<4.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90
 Depth to water: 88.03 ft (20.13 m) below TOC
 Water elevation: 208.57 ft (62.96 m) msl
 Sp. conductance: 2910 µS/cm
 Water evacuated before sampling: 49 gal

Time: 13:30
 pH: 3.0
 Alkalinity: 0 mg/L
 Water temperature: 23.4°C

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: 117.71 ft (35.88 m) below TOC
 Water elevation: 154.89 ft (47.21 m) msl
 Sp. conductance: 109 µS/cm
 Water evacuated before sampling: 333 gal

Time: 17:45
 pH: 6.0
 Alkalinity: 41 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	MT
0	Specific conductance	99	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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

WELL FSB 78A collected on 04/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<3.0	µg/L	MT
1	Calcium	18,400	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,300	µg/L	MT
0	Chlorobenzene	<5.0	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	<20	µg/L	MT
0	Copper	<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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	800	µg/L	MT
0	Manganese	8.1	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	160	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,200	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	25,500	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,630	µg/L	MT
0	Sulfate	7,200	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	118,000	µg/L	MT
0	Total organic carbon	1,200	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	213	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	0.34±0.24	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	Carbon-14	<20	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	40	pCi/L	TE
0	Cesium-134	<7.0	pCi/L	TE
0	Cesium-137	<8.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<8.0	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	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<800	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<8.0	pCi/L	TE
0	Neptunium-237	<9.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<9.0	pCi/L	TE
0	Nonvolatile beta	8.8±3.1	pCi/L	MT
0	Nonvolatile beta	3.0±1.3	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.040	pCi/L	TE
0	Plutonium-242	<0.080	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	<50	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<2.0	pCi/L	TE

ANALYTICAL RESULTS

WELL FSB 78A collected on 04/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Technetium-99	<5.0	pCi/L	TE
0	Thorium-228	<9.0	pCi/L	TE
1	Thorium-228	98 ± 4.0	pCi/L	TE
1	Thorium-230	0.95 ± 0.57	pCi/L	TE
1	Thorium-232	0.26 ± 0.21	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
1	Tritium	12 ± 2.0	pCi/mL	MT
1	Tritium	11 ± 1.0	pCi/mL	TE
0	Uranium-234	<0.20	pCi/L	TE
0	Uranium-235	<0.090	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<10	pCi/L	TE

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: 119.49 ft (36.42 m) below TOC
 Water elevation: 153.31 ft (46.73 m) msl
 Sp. conductance: 225 µS/cm
 Water evacuated before sampling: 184 gal

Time: 17:15
 pH: 6.8
 Alkalinity: 53 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES:

Flag	Analyte	Result	Unit	Lab
1	pH	7.3	pH	MT
1	Specific conductance	223	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
1	Calcium	36,700	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	791	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
1	Nitrate as nitrogen	7,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	847	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	16,600	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	4,400	µg/L	MT
0	Sulfate	1,200	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	199,000	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	trans-1,2-Dichloroethane	<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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT

WELL FSB 78B collected on 04/24/90, 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
1	Americium-241	0.29 ± 0.19	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<9.0	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-60	<3.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.70	pCi/L	TE
0	Curium-243/244	<1.0	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<10	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	<10	pCi/L	TE
1	Nonvolatile beta	17 ± 4.0	pCi/L	MT
0	Nonvolatile beta	9.4 ± 1.9	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.070	pCi/L	TE
0	Plutonium-242	<0.080	pCi/L	TE
0	Potassium-40	<40	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<5.0	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
1	Technetium-99	12 ± 3.0	pCi/L	TE
1	Thorium-228	100 ± 10	pCi/L	TE
J	Thorium-228	<4.0	pCi/L	TE
0	Thorium-230	<0.10	pCi/L	TE
0	Thorium-232	<0.060	pCi/L	TE
1	Total activity	279 ± 3.7	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	250 ± 30	pCi/mL	MT
2	Tritium	280 ± 10	pCi/mL	MT
0	Uranium-234	<0.10	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE
0	Zinc-65	<5.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 67.52 ft (20.58 m) below TOC
 Water elevation: 205.98 ft (62.78 m) msl
 Sp. conductance: 1784 µS/cm
 Water evacuated before sampling: 25 gal
 The well went dry during purging.

Time: 9:10
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.2	pH	MT
1	Specific conductance	2,110	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
2	Barium	500	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	19	µg/L	MT
1	Calcium	18,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,500	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

ANALYTICAL RESULTS

WELL FSB 78C collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	293	µg/L	MT
0	Copper	11	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
1	Fluoride	850	µg/L	MT
0	Iron	72	µg/L	MT
0	Lead	4.8	µg/L	MT
1	Magnesium	28,000	µg/L	MT
2	Manganese	6,870	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	118	µg/L	MT
2	Nitrate as nitrogen	288,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,450	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,900	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	113,000	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	2.29E+06	µg/L	MT
0	Total organic carbon	2,800	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	52	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	<119	µg/L	MT
1	Zinc	594	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	6.9±3.7	pCi/L	TE
1	Americium-243	6.3±3.9	pCi/L	TE
0	Lm-140	<80	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
1	Carbon-14	50±8.0	pCi/L	TE
0	Cerium-141	<9.0	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	5.2±2.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
0	Curium-246	<4.0	pCi/L	TE
2	Gross alpha	40±9.0	pCi/L	MT
2	Gross alpha	56±10	pCi/L	TE
1	Iodine-129	49±3.0	pCi/L	TE
0	Iodine-131	<500	pCi/L	TE
0	Iron-55	<30	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<2.0	pCi/L	TE
0	Neptunium-237	<4.0	pCi/L	TE
1	Nickel-59	240±120	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
2	Nonvolatile beta	1,600±200	pCi/L	MT
2	Nonvolatile beta	2,900±100	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.060	pCi/L	TE
0	Plutonium-242	<0.080	pCi/L	TE
0	Potassium-40	<40	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
1	Radium-226	35±4.0	pCi/L	TE
1	Radium-228	24±6.0	pCi/L	TE
0	Ruthenium-103	<5.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<30	pCi/L	TE
1	Strontium-90	800±10	pCi/L	TE
1	Technetium-99	220±10	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-228	0.60±0.28	pCi/L	TE
1	Thorium-230	4.4±0.60	pCi/L	TE
1	Thorium-232	0.97±0.27	pCi/L	TE
1	Total activity	8,300±60	pCi/mL	EM
2	Total radium	37±4.0	pCi/L	MT

WELL FSB 78C collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Tritium	8,400±900	pCi/mL	MT
2	Tritium	8,800±100	pCi/mL	TE
1	Uranium-234	36±5.0	pCi/L	TE
1	Uranium-235	13±3.0	pCi/L	TE
1	Uranium-238	32±5.0	pCi/L	TE
0	Zinc-65	<5.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 18.44 ft (5.01 m) below TOC
 Water elevation: 201.38 ft (81.38 m) msl
 Sp. conductance: 1858 µS/cm
 Water evacuated before sampling: 71 gal

Time: 18:20
 pH: 3.0
 Alkalinity: 0 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.4	pH	MT
1	Specific conductance	2,120	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	450	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	5.1	µg/L	MT
0	Calcium	3,380	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,500	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
1	Chromium	7.3	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	238	µg/L	MT
0	Copper	74	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
1	Iron	243	µg/L	MT
0	Lead	5.4	µg/L	MT
0	Magnesium	1,740	µg/L	MT
2	Manganese	4,160	µg/L	MT
1	Mercury	0.80	µg/L	MT
1	Nickel	55	µg/L	MT
2	Nitrate as nitrogen	258,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,900	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	89,600	µg/L	MT
1	Silver	4.8	µg/L	MT
1	Sodium	78,900	µg/L	MT
0	Sulfate	8,000	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	780,000	µg/L	MT
0	Total organic carbon	1,800	µg/L	MT
0	Total organic carbon	2,000	µg/L	MT
0	Total organic halogens	8.8	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
1	Uranium	1,110	µg/L	MT
0	Zinc	180	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	8.5±0.70	pCi/L	TE
1	Americium-243	6.0±0.60	pCi/L	TE

ANALYTICAL RESULTS

WELL FSB 79 collected on 04/17/90, laboratory analyses (continued)

WELL FSB 79A collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<100	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
1	Carbon-14	84±10	pCi/L	TE
0	Cerium-141	<30	pCi/L	TE
0	Cerium-144	<50	pCi/L	TE
0	Cesium-134	<8.0	pCi/L	TE
0	Cesium-137	<8.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<7.0	pCi/L	TE
1	Curium-242	0.83±1.47	pCi/L	TE
1	Curium-243/244	8.7±1.4	pCi/L	TE
1	Curium-246	8.5±0.60	pCi/L	TE
2	Gross alpha	330±40	pCi/L	MT
2	Gross alpha	250±20	pCi/L	TE
1	Iodine-129	54±3.0	pCi/L	TE
0	Iodine-131	<800	pCi/L	TE
0	Iron-55	<50	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
2	Nonvolatile beta	1,200±200	pCi/L	MT
2	Nonvolatile beta	1,700±100	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.080	pCi/L	TE
1	Plutonium-242	0.074±0.064	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	21±2.0	pCi/L	TE
1	Radium-228	43±3.0	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<30	pCi/L	TE
1	Strontium-90	370±10	pCi/L	TE
1	Technetium-99	10±4.0	pCi/L	TE
1	Thorium-228	100±10	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-230	85±6.0	pCi/L	TE
1	Thorium-232	8.0±1.8	pCi/L	TE
1	Total activity	20,100±100	pCi/ml	EM
2	Total radium	49±5.0	pCi/L	MT
2	Tritium	18,000±2,000	pCi/ml	MT
2	Tritium	20,000±1,000	pCi/ml	TE
1	Uranium-234	110±10	pCi/L	TE
1	Uranium-235	5.1±1.3	pCi/L	TE
1	Uranium-238	290±10	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<10	pCi/L	TE

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<3.0	µg/L	MT
1	Calcium	15,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,300	µg/L	MT
0	Chlorobenzene	<5.0	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	<20	µg/L	MT
0	Copper	<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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	578	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,340	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	938	µg/L	MT
1	Selenium	3.8	µg/L	MT
1	Silica	18,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	2,380	µg/L	MT
0	Sulfate	3,600	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	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	129	µg/L	MT
0	Total phosphates	140	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	<119	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
1	Americium-241	3.8±0.50	pCi/L	TE
0	Americium-243	<0.30	pCi/L	TE
0	Barium-140	<40	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
1	Carbon-14	120±10	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	<5.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
1	Curium-242	0.27±0.24	pCi/L	TE
1	Curium-243/244	0.71±0.48	pCi/L	TE
1	Curium-246	0.83±0.32	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	<100	pCi/L	TE
0	Iron-55	<50	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	4.6±1.4	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.090	pCi/L	TE
0	Plutonium-242	<0.80	pCi/L	TE
1	Potassium-40	64±20	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	<8.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/90
 Depth to water: 17.00 ft (5.18 m) below TOC
 Water elevation: 200.80 ft (61.20 m) msl
 Sp. conductance: 1913 µS/cm
 Water evacuated before sampling: 69 gal
 Time: 12:05
 pH: 3.2
 Alkalinity: 0 mg/L
 Water temperature: 21.4°C

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 61.44 ft (18.73 m) below TOC
 Water elevation: 158.66 ft (47.75 m) msl
 Sp. conductance: 104 µS/cm
 Water evacuated before sampling: 345 gal
 Time: 17:50
 pH: 6.3
 Alkalinity: 54 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
1	Specific conductance	124	µS/cm	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
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 FSB 79A collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Strontium-90	2.1 ± 0.90	pCi/L	TE
0	Technetium-99	< 6.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE
1	Thorium-228	22 ± 1.0	pCi/L	TE
1	Thorium-230	61 ± 2.0	pCi/L	TE
1	Thorium-232	0.86 ± 0.21	pCi/L	TE
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	78 ± 8.0	pCi/mL	MT
2	Tritium	45 ± 2.0	pCi/mL	TE
0	Uranium-234	< 0.40	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	< 6.0	pCi/L	TE

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90	Time: 17:15
Depth to water: 81.29 ft (18.68 m) below TOC	pH: 6.8
Water elevation: 156.91 ft (47.83 m) msl	Alkalinity: 64 mg/L
Sp. conductance: 159 µS/cm	Water temperature: 20.9°C
Water evacuated before sampling: 198 gal	

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.0	pH	MT
1	Specific conductance	175	µS/cm	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	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
1	Calcium	30,300	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
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 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	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	627	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
0	Nitrate as nitrogen	760	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
2	Selenium	5.5	µg/L	MT
1	Silica	26,200	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	1,810	µg/L	MT
0	Sulfate	2,500	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	119,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	8.3	µg/L	MT
1	Total phosphates	404	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	3.0	µg/L	MT
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	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 FSB 79B collected on 04/17/90, 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
1	Americium-241	0.71 ± 0.31	pCi/L	TE
1	Americium-243	0.40 ± 0.22	pCi/L	TE
0	Barium-140	< 30	pCi/L	TE
0	Beryllium-7	< 50	pCi/L	TE
0	Carbon-14	< 20	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	< 4.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
0	Curium-242	< 0.10	pCi/L	TE
1	Curium-243/244	1.1 ± 0.60	pCi/L	TE
0	Curium-246	< 0.30	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	< 100	pCi/L	TE
0	Iron-55	< 50	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	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nonvolatile beta	< 6.0	pCi/L	MT
0	Nonvolatile beta	9.8 ± 1.9	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
1	Plutonium-242	1.2 ± 0.70	pCi/L	TE
0	Potassium-40	< 70	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Radium-228	< 1.0	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	Technetium-99	< 4.0	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
1	Thorium-228	2.1 ± 0.20	pCi/L	TE
1	Thorium-230	9.7 ± 0.60	pCi/L	TE
1	Thorium-232	0.44 ± 0.12	pCi/L	TE
0	Total radium	1.2 ± 0.40	pCi/L	MT
1	Tritium	13 ± 2.0	pCi/mL	MT
1	Tritium	16 ± 2.0	pCi/mL	TE
1	Uranium-234	0.34 ± 0.17	pCi/L	TE
0	Uranium-235	< 0.080	pCi/L	TE
1	Uranium-238	0.12 ± 0.10	pCi/L	TE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90	Time: 17:35
Depth to water: 22.38 ft (6.81 m) below TOC	pH: 3.3
Water elevation: 196.02 ft (59.75 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 1425 µS/cm	Water temperature: 21.0°C
Water evacuated before sampling: 120 gal	

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.6	pH	MT
1	Specific conductance	1,820	µS/cm	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
2	Barium	664	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	39	µg/L	MT
1	Calcium	18,700	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
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 79C collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Cobalt	102	µg/L	MT
1	Copper	85	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	28	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	15,500	µg/L	MT
2	Manganese	2,220	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	45	µg/L	MT
2	Nitrate as nitrogen	189,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,770	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	19,000	µg/L	GE
1	Silica	19,900	µg/L	MT
1	Silver	2.5	µg/L	MT
1	Sodium	98,700	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
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	751,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	12	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
1	Total silica	22,900	µg/L	GE
1	Uranium	898	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
1	Americium-241	2.3 ± 1.3	pCi/L	TE
1	Americium-243	1.9 ± 1.3	pCi/L	TE
0	Barium-140	<90	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
1	Carbon-14	86 ± 10	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
1	Curium-242	3.1 ± 1.7	pCi/L	TE
1	Curium-243/244	19 ± 1.0	pCi/L	TE
1	Curium-246	5.8 ± 1.9	pCi/L	TE
2	Gross alpha	360 ± 40	pCi/L	MT
2	Gross alpha	510 ± 30	pCi/L	TE
1	Iodine-129	34 ± 2.0	pCi/L	TE
0	Iodine-131	<600	pCi/L	TE
0	Iron-55	<50	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	Nickel-59	<100	pCi/L	TE
1	Nickel-63	11 ± 6.0	pCi/L	TE
2	Nonvolatile beta	3,600 ± 400	pCi/L	MT
2	Nonvolatile beta	5,000 ± 100	pCi/L	TE
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
1	Potassium-40	41 ± 20	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	45 ± 5.0	pCi/L	TE
1	Radium-228	100 ± 10	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<50	pCi/L	TE
1	Strontium-90	1,600 ± 100	pCi/L	TE
0	Technetium-99	<4.0	pCi/L	TE
1	Thorium-228	140 ± 10	pCi/L	TE
0	Thorium-228	<9.0	pCi/L	TE
1	Thorium-230	120 ± 10	pCi/L	TE
1	Thorium-232	50 ± 5.0	pCi/L	TE
1	Total activity	10,800 ± 80	pCi/mL	EM
2	Total radium	84 ± 6.0	pCi/L	MT

WELL FSB 79C collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Tritium	9,600 ± 1,000	pCi/mL	MT
2	Tritium	11,000 ± 1,000	pCi/mL	TE
1	Uranium-234	210 ± 10	pCi/L	TE
1	Uranium-235	8.1 ± 1.0	pCi/L	TE
1	Uranium-238	230 ± 10	pCi/L	TE
0	Zinc-85	<10	pCi/L	TE
0	Zirconium-85	<8.0	pCi/L	TE

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
 Depth to water: 22.87 ft (6.97 m) below TOC
 Water elevation: 185.53 ft (59.60 m) msl
 Sp. conductance: 1469 µS/cm
 Water evacuated before sampling: 119 gal

Time: 12:15
 pH: 3.5
 Alkalinity: 0 mg/L
 Water temperature: 21.3°C

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 135.14 ft (41.19 m) below TOC
 Water elevation: 152.66 ft (46.53 m) msl
 Sp. conductance: 102 µS/cm
 Water evacuated before sampling: 321 gal

Time: 10:45
 pH: 5.9
 Alkalinity: 35 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	MT
0	Specific conductance	87	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	19	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	<3.0	µg/L	MT
1	Calcium	16,300	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	37	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	588	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	280	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	802	µg/L	MT
0	Potassium	942	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	22,400	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,670	µg/L	MT
0	Sulfate	5,500	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	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	281	µg/L	MT
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 87A collected on 04/22/90, 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	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	<0.20	pCi/L	TE
0	Americium-243	<0.30	pCi/L	TE
0	Barium-140	<70	pCi/L	TE
0	Beryllium-7	<50	µg/L	TE
0	Carbon-14	<20	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<30	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
1	Curium-242	0.34 ± 0.13	pCi/L	TE
1	Curium-243/244	1.3 ± 0.30	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-55	<100	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<6.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	3.5 ± 1.4	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.050	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	<2.0	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
1	Strontium-90	6.9 ± 1.4	pCi/L	TE
0	Technetium-99	<4.0	pCi/L	TE
1	Thorium-228	1.4 ± 0.20	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
1	Thorium-230	0.99 ± 0.28	pCi/L	TE
1	Thorium-232	0.22 ± 0.090	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
2	Tritium	22 ± 3.0	pCi/mL	MT
2	Tritium	20 ± 2.0	pCi/mL	TE
0	Uranium-234	<0.30	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
1	Uranium-238	0.47 ± 0.43	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL FSB 87B collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<3.0	µg/L	MT
0	Calcium	7,900	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,800	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	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	320	µg/L	MT
0	Iron	49	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	488	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
1	Nitrate as nitrogen	3,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	883	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	2,130	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	89,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	1,250	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	0.43 ± 0.25	pCi/L	TE
1	Americium-243	0.74 ± 0.29	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
0	Carbon-14	<10	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
1	Curium-242	0.21 ± 0.13	pCi/L	TE
1	Curium-243/244	1.0 ± 0.30	pCi/L	TE
1	Curium-246	0.85 ± 0.34	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
0	Iron-55	<50	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	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	4.8 ± 1.4	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	<50	pCi/L	TE
0	Radium-226	<70	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 137.97 ft (42.05 m) below TOC
 Water elevation: 149.53 ft (45.58 m) msl
 Sp. conductance: 82 µS/cm
 Water evacuated before sampling: 155 gal

Time: 10:10
 pH: 5.3
 Alkalinity: 7 mg/L
 Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	Specific conductance	63	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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

ANALYTICAL RESULTS

WELL FSB 87B collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Strontium-90	<3.0	pCi/L	TE
1	Technetium-99	5.3±2.8	pCi/L	TE
1	Thorium-228	13±1.0	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
1	Thorium-230	22±1.0	pCi/L	TE
1	Thorium-232	0.89±0.18	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
2	Tritium	55±6.0	pCi/ml	MT
2	Tritium	85±2.0	pCi/ml	TE
1	Uranium-234	0.75±0.32	pCi/L	TE
0	Uranium-235	<0.080	pCi/L	TE
1	Uranium-238	0.34±0.22	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 81.35 ft (24.80 m) below TOC
 Water elevation: 208.15 ft (63.44 m) msl
 Sp. conductance: 215 µS/cm
 Water evacuated before sampling: 169 gal

Time: 10:55
 pH: 5.5
 Alkalinity: 8 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
1	Specific conductance	223	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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)	<1.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
1	Calcium	16,800	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	<1.0	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<2.0	µg/L	MT
0	Copper	<5.0	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	<2.0	µg/L	MT
0	Lead	12	µg/L	MT
0	Magnesium	2,780	µg/L	MT
0	Manganese	13	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	22,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	759	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,220	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	14,400	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	245,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<1.0	µg/L	MT
0	trans-1,2-Dichloroethane	<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	<119	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

WELL FSB 87C collected on 04/22/90, 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
1	Americium-241	1.3±5.0	pCi/L	TE
0	Americium-243	<0.40	pCi/L	TE
0	Barium-140	<6.0	pCi/L	TE
0	Beryllium-7	<4.0	pCi/L	TE
0	Carbon-14	<2.0	pCi/L	TE
0	Cerium-141	<1.0	pCi/L	TE
0	Cerium-144	<1.0	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	<0.20	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-55	<6.0	pCi/L	TE
0	Iron-58	<1.0	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	<1.0	pCi/L	TE
1	Nonvolatile beta	14±4.0	pCi/L	MT
1	Nonvolatile beta	14±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	<0.060	pCi/L	TE
0	Potassium-40	<6.0	pCi/L	TE
1	Radium-226	1.3±0.80	pCi/L	TE
0	Radium-226	<4.0	pCi/L	TE
0	Radium-228	<7.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<2.0	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<0.80	pCi/L	TE
1	Technetium-99	20±5.0	pCi/L	TE
0	Thorium-228	<0.60	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-230	2.1±0.70	pCi/L	TE
0	Thorium-232	<0.30	pCi/L	TE
1	Total activity	1,140±7.1	pCi/ml	EM
0	Total radium	2.1±0.40	pCi/L	MT
2	Tritium	1,100±200	pCi/ml	MT
2	Tritium	1,200±100	pCi/ml	TE
1	Uranium-234	0.50±0.37	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
0	Uranium-238	<0.20	pCi/L	TE
0	Zinc-65	<5.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 The well was dry.

Time: 9:45

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 73.11 ft (22.28 m) below TOC
 Water elevation: 209.89 ft (63.98 m) msl
 Sp. conductance: 55 µS/cm
 Water evacuated before sampling: 134 gal

Time: 17:00
 pH: 5.0
 Alkalinity: 3 mg/L
 Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	Specific conductance	59	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	13	µg/L	MT
0	Benzene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 88C collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	3,880	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,100	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
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	42	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	544	µg/L	MT
0	Manganese	11	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,600	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,910	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,730	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	5.0	µg/L	MT
0	Thallium	<2.0	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
1	Total organic halogens	13	µg/L	MT
0	Total phosphates	51	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	1.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	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	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<0.80	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
2	Tritium	27 ± 3.0	pCi/ml	MT

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90
 Depth to water: 69.13 ft (21.07 m) below TOC
 Water elevation: 213.27 ft (65.01 m) msl
 Sp. conductance: 716 µS/cm
 Water evacuated before sampling: 3 gal
 The well went dry during purging.

Time: 9:10
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
1	Specific conductance	895	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
1	Arsenic	2.2	µg/L	MT
1	Barium	309	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	<3.0	µg/L	MT
1	Calcium	15,000	µg/L	MT

WELL FSB 88D collected on 05/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	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
1	Chromium	9.4	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
1	Copper	28	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	280	µg/L	MT
1	Iron	194	µg/L	MT
1	Lead	20	µg/L	MT
0	Magnesium	2,280	µg/L	MT
2	Manganese	1,060	µg/L	MT
1	Mercury	0.83	µg/L	MT
1	Nickel	27	µg/L	MT
2	Nitrate as nitrogen	104,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	983	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	34,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	88,500	µg/L	MT
0	Sulfate	1,700	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	508,000	µg/L	MT
0	Total organic carbon	1,200	µg/L	MT
0	Total organic halogens	6.4	µg/L	MT
0	Total phosphates	41	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	Uranium	829	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
2	Gross alpha	290 ± 30	pCi/L	MT
2	Nonvolatile beta	1,000 ± 100	pCi/L	MT
0	Strontium-89	<30	pCi/L	TE
1	Strontium-90	350 ± 10	pCi/L	TE
1	Total activity	2,740 ± 10	pCi/ml	EM
2	Total radium	16 ± 2.0	pCi/L	MT
2	Tritium	2,800 ± 300	pCi/ml	MT

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 71.87 ft (21.91 m) below TOC
 Water elevation: 209.43 ft (63.84 m) msl
 Sp. conductance: 88 µS/cm
 Water evacuated before sampling: 139 gal

Time: 18:30
 pH: 5.3
 Alkalinity: 10 mg/L
 Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	Specific conductance	83	µS/cm	MT
0	Antimony	<3.0	µg/L	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	<3.0	µg/L	MT
0	Calcium	5,880	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,000	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 89C collected on 04/26/90, 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	<20	µg/L	MT
0	Copper	<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	39	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	489	µg/L	MT
0	Manganese	8.2	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,800	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	8,440	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,450	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	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	1,200	µg/L	MT
0	Total organic halogens	9.4	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	30±3.0	pCi/ml	MT

WELL FSB 89D collected on 05/02/90, 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	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	270	µg/L	MT
0	Iron	28	µg/L	MT
0	Lead	2.1	µg/L	MT
0	Magnesium	1,290	µg/L	MT
2	Manganese	702	µg/L	MT
2	Mercury	4.8	µg/L	MT
1	Nickel	17	µg/L	MT
1	Nickel	15	µg/L	MT
2	Nitrate as nitrogen	44,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	620	µg/L	MT
0	Potassium	831	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,400	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	39,500	µg/L	MT
0	Sulfate	2,300	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	232,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	7.8	µg/L	MT
0	Total organic halogens	7.2	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
1	Uranium	437	µg/L	MT
0	Zinc	57	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	8.3±0.50	pCi/L	TE
1	Americium-243	2.0±0.20	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
1	Carbon-14	48±9.0	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	5.8±1.9	pCi/L	TE
1	Curium-242	1.1±0.80	pCi/L	TE
1	Curium-243/244	3.5±1.6	pCi/L	TE
1	Curium-246	4.9±0.40	pCi/L	TE
2	Gross alpha	220±30	pCi/L	MT
2	Gross alpha	280±20	pCi/L	TE
1	Iodine-129	98±3.0	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
1	Iron-55	63±30	pCi/L	TE
0	Iron-59	<7.0	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	<10	pCi/L	TE
2	Nonvolatile beta	990±100	pCi/L	MT
2	Nonvolatile beta	1,100±100	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.20	pCi/L	TE
1	Plutonium-242	5.5±1.3	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
1	Radium-226	85±20	pCi/L	TE
1	Radium-226	8.9±0.70	pCi/L	TE
1	Radium-228	12±3.0	pCi/L	TE
0	Ruthenium-103	<4.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-88	<20	pCi/L	TE
1	Strontium-90	410±10	pCi/L	TE
1	Technetium-99	42±9.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-228	37±2.0	pCi/L	TE
1	Thorium-230	12±1.0	pCi/L	TE
1	Thorium-232	38±20	pCi/L	TE
1	Total activity	1,470±8.4	pCi/mL	EM
2	Total radium	14±2.0	pCi/L	MT
2	Tritium	1,300±200	pCi/mL	MT
2	Tritium	1,400±100	pCi/mL	TE

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90
 Depth to water: 88.60 ft (20.91 m) below TOC
 Water elevation: 212.60 ft (64.80 m) msl
 Sp. conductance: 368 µS/cm
 Water evacuated before sampling: 28 gal

Time: 15:40
 pH: 3.9
 Alkalinity: 0 mg/L
 Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.9	pH	MT
1	Specific conductance	411	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	104	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	<3.0	µg/L	MT
0	Calcium	3,720	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,900	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
1	Cobalt	33	µg/L	MT
1	Copper	43	µg/L	MT
0	Cyanide	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 89D collected on 05/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Uranium-234	100±10	pCi/L	TE
1	Uranium-235	14±1.0	pCi/L	TE
1	Uranium-238	180±10	pCi/L	TE
0	Zinc-65	<4.0	pCi/L	TE
0	Zirconium-95	<3.0	pCi/L	TE

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 70.15 ft (21.38 m) below TOC
 Water elevation: 208.25 ft (83.48 m) msl
 Sp. conductance: 220 µS/cm
 Water evacuated before sampling: 28 gal
 The well went dry during purging.

Time: 10:45
 pH: 6.7
 Alkalinity: 43 mg/L
 Water temperature: 19.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.1	pH	MT
1	pH	7.1	pH	MT
1	Specific conductance	210	µS/cm	MT
1	Specific conductance	209	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	<40	µg/L	MT
1	Calcium	23,700	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,600	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	<20	µg/L	MT
0	Copper	<5.0	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	<10	µg/L	MT
0	Magnesium	3,180	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	12,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	754	µg/L	MT
0	Selenium	<5.0	µg/L	MT
0	Silica	<2,140	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	72	µg/L	MT
1	Sodium	11,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	1.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	87,000	µg/L	MT
0	Total organic carbon	1,300	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	92	µg/L	MT
0	trans-1,2-Dichloroethane	<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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT

WELL FSB 90C collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	Gross alpha	2.7±2.0	pCi/L	MT
1	Nonvolatile beta	20±5.0	pCi/L	MT
1	Total activity	932±6.7	pCi/mL	EM
0	Total radium	1.7±0.30	pCi/L	MT
2	Tritium	870±80	pCi/mL	MT

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 87.02 ft (26.43 m) below TOC
 Water elevation: 211.58 ft (64.49 m) msl
 Sp. conductance: 694 µS/cm
 Water evacuated before sampling: 4 gal
 The well went dry during purging.

Time: 11:05
 pH: 3.7
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
1	Specific conductance	797	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	420	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	8.8	µg/L	MT
0	Calcium	9,880	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	38	µg/L	MT
1	Copper	20	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
1	Fluoride	550	µg/L	MT
2	Iron	1,240	µg/L	MT
2	Lead	39	µg/L	MT
0	Magnesium	3,680	µg/L	MT
2	Manganese	1,190	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	41	µg/L	MT
2	Nitrate as nitrogen	94,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,090	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	18,000	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	75,000	µg/L	MT
0	Sulfate	1,800	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	488,000	µg/L	MT
0	Total organic carbon	1,600	µg/L	MT
0	Total organic halogens	5.6	µg/L	MT
0	Total phosphates	11	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	trans-1,2-Dichloroethane	<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	<119	µg/L	MT
0	Zinc	210	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	4.1±0.80	pCi/L	TE
1	Americium-243	2.8±0.50	pCi/L	TE
0	Barium-140	<70	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE

ANALYTICAL RESULTS

WELL FSB 90D collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Carbon-14	91±8.0	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	6.8±2.0	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.70	pCi/L	TE
1	Curium-246	2.6±0.50	pCi/L	TE
2	Gross alpha	140±20	pCi/L	MT
2	Gross alpha	190±10	pCi/L	TE
1	Iodine-129	120±10	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
1	Iron-55	46±30	pCi/L	TE
0	Iron-59	<9.0	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	<10	pCi/L	TE
2	Nonvolatile beta	1,500±200	pCi/L	MT
2	Nonvolatile beta	1,800±100	pCi/L	TE
0	Plutonium-238	<0.080	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	<40	pCi/L	TE
1	Radium-226	22±1.0	pCi/L	TE
1	Radium-228	15±5.0	pCi/L	TE
0	Ruthenium-103	<4.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<30	pCi/L	TE
1	Strontium-90	440±10	pCi/L	TE
1	Technetium-99	71±8.0	pCi/L	TE
1	Thorium-228	17±3.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-230	27±3.0	pCi/L	TE
1	Thorium-232	2.8±1.1	pCi/L	TE
1	Total activity	5,090±50	pCi/mL	EM
2	Total radium	25±3.0	pCi/L	MT
2	Tritium	4,900±500	pCi/mL	MT
2	Tritium	4,500±100	pCi/mL	TE
1	Uranium-234	81±3.0	pCi/L	TE
1	Uranium-235	2.8±0.60	pCi/L	TE
1	Uranium-238	91±3.0	pCi/L	TE
0	Zinc-65	<4.0	pCi/L	TE
0	Zirconium-95	<3.0	pCi/L	TE

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/90
 Depth to water: 67.02 ft (20.43 m) below TOC
 Water elevation: 211.58 ft (64.49 m) msl
 Sp. conductance: 694 µS/cm
 Water evacuated before sampling: 4 gal
 The well went dry during purging.

Time: 11:05
 pH: 3.7
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	4.7±1.2	pCi/L	TE
1	Americium-243	1.0±0.80	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
1	Carbon-14	69±7.0	pCi/L	TE
0	Cerium-141	<9.0	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<3.0	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	<0.90	pCi/L	TE
0	Curium-243/244	<0.90	pCi/L	TE
1	Curium-246	1.1±0.90	pCi/L	TE
2	Gross alpha	170±10	pCi/L	TE
1	Iodine-129	120±10	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-55	<40	pCi/L	TE
0	Iron-59	<10	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
1	Nickel-63	14±7.0	pCi/L	TE
2	Nonvolatile beta	1,600±100	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE

WELL FSB 90D collected on 04/29/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Plutonium-238/240	<0.050	pCi/L	TE
0	Plutonium-242	<0.070	pCi/L	TE
1	Potassium-40	37±20	pCi/L	TE
0	Radium-226	<40	pCi/L	TE
1	Radium-228	12±1.0	pCi/L	TE
1	Radium-228	24±3.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<30	pCi/L	TE
1	Strontium-90	490±10	pCi/L	TE
1	Technetium-99	75±9.0	pCi/L	TE
1	Thorium-228	21±2.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-230	30±3.0	pCi/L	TE
1	Thorium-232	4.7±1.1	pCi/L	TE
2	Tritium	4,500±100	pCi/mL	TE
1	Uranium-234	87±4.0	pCi/L	TE
1	Uranium-235	4.2±1.0	pCi/L	TE
1	Uranium-238	85±4.0	pCi/L	TE
0	Zinc-65	<5.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 70.89 ft (21.61 m) below TOC
 Water elevation: 208.41 ft (63.52 m) msl
 Sp. conductance: 433 µS/cm
 Water evacuated before sampling: 21 gal
 The well went dry during purging.

Time: 8:50
 pH: 6.7
 Alkalinity: 34 mg/L
 Water temperature: 18.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	MT
1	Specific conductance	492	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
1	Arsenic	2.0	µg/L	MT
1	Barium	223	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	7.2	µg/L	MT
1	Calcium	38,700	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,500	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	<20	µg/L	MT
0	Copper	<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	350	µg/L	MT
0	Iron	29	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,690	µg/L	MT
2	Manganese	609	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	16	µg/L	MT
2	Nitrate as nitrogen	44,800	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	8,640	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	31,900	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	518,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	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

ANALYTICAL RESULTS

WELL FSB 91C collected on 05/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium	<119	µg/L	MT
0	Zinc	29	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	22±5.0	pCi/L	MT
2	Nonvolatile beta	970±100	pCi/L	MT
1	Total activity	2,150±30	pCi/mL	EM
2	Total radium	37±4.0	pCi/L	MT
2	Tritium	2,200±300	pCi/mL	MT

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90
 Depth to water: 68.56 ft (20.90 m) below TOC
 Water elevation: 210.64 ft (64.20 m) msl
 Sp. conductance: 1710 µS/cm
 Water evacuated before sampling: 25 gal

Time: 15:05
 pH: 3.4
 Alkalinity: 0 mg/L
 Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.3	pH	MT
1	Specific conductance	1,960	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
1	Arsenic	3.4	µg/L	MT
2	Barium	683	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	35	µg/L	MT
1	Calcium	21,100	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,100	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	6.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
1	Copper	23	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	50	µg/L	MT
0	Lead	3.8	µg/L	MT
0	Lead	4.1	µg/L	MT
1	Magnesium	17,700	µg/L	MT
2	Manganese	2,000	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	51	µg/L	MT
2	Nitrate as nitrogen	252,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,960	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	22,000	µg/L	MT
1	Silica	15,100	µg/L	GE
1	Silica	16,200	µg/L	GE
0	Silver	<2.0	µg/L	MT
1	Sodium	102,000	µg/L	MT
0	Sulfate	2,200	µg/L	MT
1	Tributyl phosphate	103	µg/L	GE
1	Tributyl phosphate	110	µg/L	GE
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	888,000	µg/L	MT
0	Total organic carbon	1,700	µg/L	MT
1	Total organic halogens	18	µg/L	MT
0	Total phosphates	71	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	Total silica	16,200	µg/L	GE

WELL FSB 91D collected on 05/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total silica	17,000	µg/L	GE
1	Uranium	1,220	µg/L	MT
0	Zinc	132	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	8.5±1.3	pCi/L	TE
1	Americium-243	15±2.0	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
1	Carbon-14	270±10	pCi/L	TE
1	Cerium-141	16±8.8	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<3.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cobalt-58	<3.0	pCi/L	TE
1	Cobalt-60	25±2.8	pCi/L	TE
0	Curium-242	<0.50	pCi/L	TE
1	Curium-243/244	2.8±0.80	pCi/L	TE
1	Curium-246	8.1±1.3	pCi/L	TE
2	Gross alpha	420±50	pCi/L	MT
2	Gross alpha	450±30	pCi/L	TE
1	Iodine-129	320±10	pCi/L	TE
0	Iodine-131	<400	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	<4.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
1	Nickel-63	17±7.0	pCi/L	TE
2	Nonvolatile beta	3,900±400	pCi/L	MT
2	Nonvolatile beta	5,200±100	pCi/L	TE
0	Plutonium-238	<0.090	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
1	Radium-226	272±30	pCi/L	TE
1	Radium-226	28±3.0	pCi/L	TE
1	Radium-228	81±5.0	pCi/L	TE
0	Ruthenium-103	<5.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<50	pCi/L	TE
1	Strontium-90	1,500±100	pCi/L	TE
1	Technetium-99	220±10	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-228	93±4.0	pCi/L	TE
1	Thorium-230	19±2.0	pCi/L	TE
1	Thorium-232	4.1±0.90	pCi/L	TE
1	Total activity	17,800±80	pCi/mL	EM
2	Total radium	66±7.0	pCi/L	MT
2	Tritium	18,000±2,000	pCi/mL	MT
2	Tritium	22,000±1,000	pCi/mL	TE
1	Uranium-234	580±30	pCi/L	TE
1	Uranium-235	31±6.0	pCi/L	TE
1	Uranium-238	1,600±100	pCi/L	TE
0	Zinc-65	<5.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 66.60 ft (20.30 m) below TOC
 Water elevation: 209.30 ft (63.80 m) msl
 Sp. conductance: 1094 µS/cm
 Water evacuated before sampling: 27 gal

Time: 16:15
 pH: 3.3
 Alkalinity: 0 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.6	pH	MT
1	Specific conductance	1,170	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	293	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

ANALYTICAL RESULTS

WELL FSB 92D collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Calcium	10,100	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,800	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
1	Copper	43	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
1	Iron	280	µg/L	MT
0	Lead	3.5	µg/L	MT
1	Magnesium	9,940	µg/L	MT
2	Manganese	618	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	19	µg/L	MT
2	Nitrate as nitrogen	148,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,700	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	81,700	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	918,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	117	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	Uranium	374	µg/L	MT
0	Zinc	61	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	5.3 ± 1.6	pCi/L	TE
1	Americium-243	7.5 ± 1.9	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Carbon-14	<20	pCi/L	TE
0	Cerium-141	<10	pCi/L	TE
0	Cerium-144	<10	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	<0.40	pCi/L	TE
0	Curium-243/244	<0.80	pCi/L	TE
1	Curium-246	4.7 ± 1.7	pCi/L	TE
2	Gross alpha	230 ± 30	pCi/L	MT
2	Gross alpha	280 ± 20	pCi/L	TE
1	Iodine-129	29 ± 2.0	pCi/L	TE
0	Iodine-131	<500	pCi/L	TE
0	Iron-55	<40	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<4.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<9.0	pCi/L	TE
2	Nonvolatile beta	1,400 ± 200	pCi/L	MT
2	Nonvolatile beta	2,000 ± 100	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	<80	pCi/L	TE
1	Radium-226	32 ± 3.0	pCi/L	TE
1	Radium-228	54 ± 3.0	pCi/L	TE
1	Radium-228	15 ± 6.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-108	<20	pCi/L	TE
0	Strontium-89	<40	pCi/L	TE
1	Strontium-90	630 ± 10	pCi/L	TE
1	Technetium-99	120 ± 10	pCi/L	TE

WELL FSB 92D collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Thorium-228	140 ± 20	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-230	83 ± 10	pCi/L	TE
1	Thorium-232	11 ± 5.0	pCi/L	TE
1	Total activity	11,200 ± 70	pCi/mL	EM
2	Total radium	50 ± 5.0	pCi/L	MT
2	Tritium	11,000 ± 2,000	pCi/mL	MT
2	Tritium	13,000 ± 1,000	pCi/mL	TE
1	Uranium-234	110 ± 10	pCi/L	TE
1	Uranium-235	4.0 ± 1.4	pCi/L	TE
1	Uranium-238	140 ± 10	pCi/L	TE
0	Zinc-65	<6.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90
 Depth to water: 69.60 ft (21.21 m) below TOC
 Water elevation: 206.60 ft (62.97 m) msl
 Sp. conductance: 371 µS/cm
 Water evacuated before sampling: 168 gal

Time: 15:55
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
1	Specific conductance	378	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	72	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	<3.0	µg/L	MT
1	Calcium	27,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,000	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
1	Chromium	5.6	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	8,860	µg/L	MT
2	Manganese	92	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	12	µg/L	MT
2	Nitrate as nitrogen	45,300	µg/L	MT
0	Phenols	<5.0	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	9,440	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	28,200	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	410,000	µg/L	MT
0	Total organic carbon	1,500	µg/L	MT
0	Total organic halogens	6.0	µg/L	MT
0	Total phosphates	16	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	<119	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

ANALYTICAL RESULTS

WELL FSB 93C collected on 05/05/90, 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	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	48±6.0	pCi/L	MT
1	Total activity	1,840±30	pCi/mL	EM
1	Total radium	3.1±0.50	pCi/L	MT
1	Total radium	4.6±0.50	pCi/L	MT
2	Tritium	1,600±200	pCi/mL	MT

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90
 Depth to water: 69.91 ft (21.31 m) below TOC
 Water elevation: 208.29 ft (63.48 m) msl
 Sp. conductance: 385 µS/cm
 Water evacuated before sampling: 167 gal

Time: 10:25
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 19.9°C

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 67.82 ft (20.67 m) below TOC
 Water elevation: 208.28 ft (63.48 m) msl
 Sp. conductance: 1818 µS/cm
 Water evacuated before sampling: 4 gal
 The well went dry during purging.

Time: 9:30
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.6	pH	MT
0	Specific conductance	3.3	µS/cm	MT
1	Antimony	3.5	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
2	Barium	663	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	32	µg/L	MT
1	Calcium	97,600	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,100	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	9.5	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
2	Copper	829	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
1	Fluoride	520	µg/L	MT
1	Iron	250	µg/L	MT
0	Lead	17	µg/L	MT
2	Lead	31	µg/L	MT
1	Magnesium	8,700	µg/L	MT
2	Manganese	1,290	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	50	µg/L	MT
2	Nitrate as nitrogen	448,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	6,240	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,700	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	78,000	µg/L	MT
0	Sulfate	5,100	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
1	Toluene	5.0	µg/L	MT
0	Total dissolved solids	1.31E+06	µg/L	MT
1	Total organic carbon	5,900	µg/L	MT
1	Total organic halogens	22	µg/L	MT

WELL FSB 93D collected on 05/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total phosphates	58	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	Uranium	165	µg/L	MT
0	Zinc	228	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
2	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
2	Gross alpha	490±50	pCi/L	MT
2	Nonvolatile beta	3,300±400	pCi/L	MT
1	Total activity	29,100±110	pCi/mL	EM
2	Total radium	83±9.0	pCi/L	MT
2	Tritium	28,000±3,000	pCi/mL	MT

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 75.41 ft (22.98 m) below TOC
 Water elevation: 205.69 ft (62.70 m) msl
 Sp. conductance: 1771 µS/cm
 Water evacuated before sampling: 36 gal
 The well went dry during purging.

Time: 8:50
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
1	Specific conductance	2,110	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
2	Barium	631	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	16	µg/L	MT
1	Calcium	154,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,400	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	377	µg/L	MT
1	Cobalt	385	µg/L	MT
0	Copper	12	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
1	Fluoride	1,600	µg/L	MT
1	Iron	193	µg/L	MT
0	Lead	2.3	µg/L	MT
1	Magnesium	16,800	µg/L	MT
2	Manganese	12,200	µg/L	MT
2	Manganese	12,000	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	91	µg/L	MT
2	Nitrate as nitrogen	290,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	18,200	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,810	µg/L	MT
1	Silver	2.4	µg/L	MT
1	Sodium	156,000	µg/L	MT
0	Sulfate	7,300	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
1	Toluene	8.0	µg/L	MT
0	Total dissolved solids	2.18E+06	µg/L	MT
0	Total organic carbon	2,500	µg/L	MT
0	Total organic halogens	5.4	µg/L	MT
0	Total phosphates	55	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 FSB 96A collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	210	µg/L	MT
1	Phenols	7.4	µg/L	MT
1	Potassium	14,300	µg/L	MT
1	Potassium	14,500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	18,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	28,300	µg/L	MT
0	Sulfate	6,400	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Thallium	<3.0	µg/L	MT
1	Toluene	10	µg/L	MT
0	Total dissolved solids	119,000	µg/L	MT
0	Total organic carbon	1,500	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	89	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	2.7 ± 2.0	pCi/L	MT
1	Nonvolatile beta	20 ± 4.0	pCi/L	MT
0	Total radium	1.7 ± 0.50	pCi/L	MT
1	Tritium	12 ± 2.0	pCi/mL	MT

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 135.12 ft (41.19 m) below TOC
 Water elevation: 150.98 ft (46.02 m) msl
 Sp. conductance: 253 µS/cm
 Water evacuated before sampling: 169 gal

Time: 15:00
 pH: 6.7
 Alkalinity: 59 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.5	pH	MT
1	Specific conductance	282	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	45	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	<3.0	µg/L	MT
1	Calcium	37,700	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,130	µg/L	MT
0	Manganese	9.1	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	12,100	µg/L	MT

WELL FSB 97A collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	MT
0	Potassium	899	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,000	µg/L	GE
1	Silica	18,900	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	7,870	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
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	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	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
1	Total silica	13,900	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	13 ± 4.0	pCi/L	MT
1	Total activity	395 ± 4.3	pCi/mL	EM
0	Total radium	1.2 ± 0.30	pCi/L	MT
2	Tritium	360 ± 40	pCi/mL	MT

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 80.53 ft (24.55 m) below TOC
 Water elevation: 205.57 ft (62.68 m) msl
 Sp. conductance: 2310 µS/cm
 Water evacuated before sampling: 31 gal
 The well went dry during purging.

Time: 18:10
 pH: 3.8
 Alkalinity: 0 mg/L
 Water temperature: 22.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	4.0	pH	MT
0	Specific conductance	2.5	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
2	Barium	1,180	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	74,400	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
1	Chromium	6.1	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	601	µg/L	MT
1	Copper	75	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
1	Fluoride	1,230	µg/L	MT
2	Iron	892	µg/L	MT
0	Lead	7.1	µg/L	MT
1	Magnesium	11,200	µg/L	MT
2	Manganese	8,290	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	129	µg/L	MT
2	Nitrate as nitrogen	15,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 97C collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	MT
1	Potassium	7,710	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	43,300	µg/L	MT
1	Silica	42,200	µg/L	GE
0	Silver	<2.0	µg/L	MT
1	Sodium	131,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tributyl phosphate	89	µg/L	GE
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	1.83E+08	µg/L	MT
0	Total organic carbon	2,800	µg/L	MT
0	Total organic halogens	8.8	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
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Total silica	43,700	µg/L	GE
1	Uranium	963	µg/L	MT
1	Zinc	363	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	410±50	pCi/L	MT
2	Nonvolatile beta	1,700±200	pCi/L	MT
1	Total activity	22,300±100	pCi/ml	EM
2	Total radium	170±20	pCi/L	MT
2	Tritium	20,000±2,000	pCi/ml	MT

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 78.06 ft (23.79 m) below TOC
 Water elevation: 207.94 ft (63.38 m) msl
 Sp. conductance: 1760 µS/cm
 Water evacuated before sampling: 1 gal
 The well went dry during purging.

Time: 18:30
 pH: 3.7
 Alkalinity: 0 mg/L
 Water temperature: 22.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
0	Specific conductance	2.8	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
2	Barium	802	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	27	µg/L	MT
1	Calcium	157,000	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
1	Chromium	21	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	23	µg/L	MT
1	Copper	23	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
1	Fluoride	1,060	µg/L	MT
2	Iron	555	µg/L	MT
2	Lead	123	µg/L	MT
1	Magnesium	5,860	µg/L	MT
2	Manganese	1,720	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	37	µg/L	MT
2	Nitrate as nitrogen	248,000	µg/L	MT

WELL FSB 97D collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,710	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	26,300	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	109,000	µg/L	MT
1	Sulfate	94,800	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	2.72E+08	µg/L	MT
0	Total organic carbon	1,700	µg/L	MT
0	Total organic halogens	8.7	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
1	Uranium	305	µg/L	MT
1	Zinc	305	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	190±20	pCi/L	MT
2	Nonvolatile beta	2,800±300	pCi/L	MT
1	Total activity	21,800±100	pCi/ml	EM
2	Total radium	19±2.0	pCi/L	MT
2	Tritium	15,000±2,000	pCi/ml	MT

WELL FSB 98A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90
 Depth to water: 132.83 ft (40.49 m) below TOC
 Water elevation: 150.17 ft (45.77 m) msl
 Sp. conductance: 438 µS/cm
 Water evacuated before sampling: 170 gal

Time: 14:45
 pH: 10.8
 Alkalinity: 255 mg/L
 Water temperature: 23.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	MT
1	Specific conductance	394	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
1	Arsenic	2.8	µg/L	MT
1	Barium	81	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	<3.0	µg/L	MT
1	Calcium	47,400	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	<20	µg/L	MT
0	Copper	<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	85	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	499	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	470	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,110	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	16,000	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 98A collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	MT
0	Sodium	4,210	µg/L	MT
0	Sulfate	1,700	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	149,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	34	µg/L	MT
0	trans-1,2-Dichloroethane	<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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	14 ± 5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	8.3 ± 0.90	pCi/mL	MT

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 76.94 ft (23.45 m) below TOC
 Water elevation: 206.16 ft (62.84 m) msl
 Sp. conductance: 1973 µS/cm
 Water evacuated before sampling: 154 gal

Time: 15:45
 pH: 3.0
 Alkalinity: 0 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.3	pH	MT
1	Specific conductance	2,110	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<4.0	µg/L	MT
2	Barium	749	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	11,100	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
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	395	µg/L	MT
1	Copper	117	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
1	Fluoride	510	µg/L	MT
0	Iron	48	µg/L	MT
0	Lead	3.8	µg/L	MT
1	Magnesium	5,040	µg/L	MT
2	Manganese	6,730	µg/L	MT
0	Mercury	0.28	µg/L	MT
1	Nickel	63	µg/L	MT
2	Nitrate as nitrogen	1.92E+06	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,970	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	61,900	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	109,000	µg/L	MT
0	Sulfate	1,300	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	1.20E+06	µg/L	MT

WELL FSB 98C collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	9.3	µg/L	MT
0	Total phosphates	39	µg/L	MT
0	trans-1,2-Dichloroethane	<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	Uranium	1,440	µg/L	MT
0	Zinc	180	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	1,700 ± 200	pCi/L	MT
1	Total activity	15,000 ± 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: 04/25/90
 Depth to water: 74.37 ft (22.67 m) below TOC
 Water elevation: 208.73 ft (63.62 m) msl
 Sp. conductance: 1712 µS/cm
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

Time: 19:00
 pH: 3.8
 Alkalinity: 0 mg/L
 Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.9	pH	MT
0	Specific conductance	2.8	µS/cm	MT
1	Antimony	3.1	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
2	Barium	831	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	<3.0	µg/L	MT
1	Calcium	56,700	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	5.8	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	52	µg/L	MT
0	Copper	10	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
2	Iron	584	µg/L	MT
0	Lead	7.8	µg/L	MT
0	Magnesium	2,420	µg/L	MT
2	Manganese	3,180	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	49	µg/L	MT
1	Nickel	50	µg/L	MT
2	Nitrate as nitrogen	53,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	13,400	µg/L	MT
1	Potassium	13,300	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	21,200	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	93,900	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	7.0	µg/L	MT
0	Total dissolved solids	1.88E+06	µg/L	MT
1	Total organic carbon	8,900	µg/L	MT

ANALYTICAL RESULTS

WELL FSB 98D collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total organic halogens	23	µg/L	MT
1	Total phosphates	2,750	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	Uranium	257	µg/L	MT
0	Zinc	131	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	860 ± 90	pCi/L	MT
2	Nonvolatile beta	1,300 ± 200	pCi/L	MT
1	Total activity	25,600 ± 110	pCi/mL	EM
2	Total radium	57 ± 6.0	pCi/L	MT
2	Tritium	23,000 ± 3,000	pCi/mL	MT

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 138.33 ft (42.16 m) below TOC
 Water elevation: 149.27 ft (45.50 m) msl
 Sp. conductance: 158 µS/cm
 Water evacuated before sampling: 147 gal

Time: 11:55
 pH: 6.8
 Alkalinity: 61 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	MT
1	Specific conductance	149	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	43	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	<3.0	µg/L	MT
1	Calcium	24,400	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,900	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	<20	µg/L	MT
0	Copper	<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	68	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,470	µg/L	MT
0	Manganese	7.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	2,100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,590	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	15,500	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,020	µg/L	MT
0	Sulfate	1,300	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	111,000	µg/L	MT
0	Total organic carbon	1,300	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	256	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

WELL FSB 99A collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	3.1 ± 2.1	pCi/L	MT
0	Nonvolatile beta	7.1 ± 3.2	pCi/L	MT
0	Total radium	1.1 ± 0.30	pCi/L	MT
2	Tritium	62 ± 7.0	pCi/mL	MT

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 80.84 ft (24.84 m) below TOC
 Water elevation: 206.86 ft (63.05 m) msl
 Sp. conductance: 323 µS/cm
 Water evacuated before sampling: 129 gal

Time: 11:35
 pH: 5.6
 Alkalinity: 10 mg/L
 Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
1	Specific conductance	358	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	96	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	<3.0	µg/L	MT
1	Calcium	17,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,300	µg/L	MT
0	Chlorobenzene	<5.0	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	<20	µg/L	MT
0	Copper	<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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	8,090	µg/L	MT
2	Manganese	107	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	35,400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,420	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,080	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	26,500	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	373,000	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
2	Trichloroethylene	5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Zinc	23	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	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 FSB 99C collected on 04/22/00, 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
1	Gross alpha	7.4 ± 2.8	pCi/L	MT
2	Nonvolatile beta	89 ± 8.0	pCi/L	MT
1	Total activity	2,420 ± 10	pCi/mL	EM
2	Total radium	8.8 ± 0.80	pCi/L	MT
2	Tritium	2,200 ± 300	pCi/mL	MT

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/00
 Depth to water: 77.64 ft (23.68 m) below TOC
 Water elevation: 208.98 ft (63.40 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 33 gal

Time: 12:05
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
0	Specific conductance	48	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	1,480	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
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	<20	µg/L	MT
0	Lead	3.1	µg/L	MT
0	Magnesium	276	µg/L	MT
1	Manganese	39	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	2,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	16,400	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,820	µg/L	MT
0	Sulfate	3,400	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	49,000	µg/L	MT
0	Total organic carbon	1,100	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	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
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	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
2	Gross alpha	19 ± 4.0	pCi/L	MT
1	Nonvolatile beta	18 ± 4.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT

WELL FSB 99D collected on 04/22/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Tritium	32 ± 4.0	pCi/mL	MT

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/80
 Depth to water: 77.85 ft (23.67 m) below TOC
 Water elevation: 209.98 ft (63.99 m) msl
 Sp. conductance: 45 µS/cm
 Water evacuated before sampling: 31 gal

Time: 15:00
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 22.0°C

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 135.81 ft (41.40 m) below TOC
 Water elevation: 150.19 ft (45.78 m) msl
 Sp. conductance: 203 µS/cm
 Water evacuated before sampling: 141 gal

Time: 18:50
 pH: 8.8
 Alkalinity: 84 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.5	pH	MT
1	Specific conductance	202	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
1	Arsenic	2.3	µg/L	MT
0	Barium	37	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	<3.0	µg/L	MT
1	Calcium	23,500	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,300	µg/L	MT
0	Chlorobenzene	<5.0	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	<20	µg/L	MT
0	Copper	<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	40	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,210	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
1	Nitrate as nitrogen	5,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,190	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	11,500	µg/L	MT
0	Sulfate	2,800	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	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	230	µg/L	MT
0	Total phosphates	218	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB100A collected on 04/28/90, 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	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	8.2±3.7	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tridium	180±20	pCi/mL	MT

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 135.06 ft (41.17 m) below TOC
 Water elevation: 150.14 ft (45.78 m) msl
 Sp. conductance: 160 µS/cm
 Water evacuated before sampling: 149 gal

Time: 11:50
 pH: 8.9
 Alkalinity: 58 mg/L
 Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.1	pH	MT
1	pH	7.3	pH	GE
1	Specific conductance	177	µS/cm	MT
1	Specific conductance	155	µS/cm	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	MT
0	Barium	30	µg/L	GE
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)	<1.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
1	Calcium	29,000	µg/L	MT
1	Calcium	21,400	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,700	µg/L	MT
0	Chloride	2,400	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
1	Chromium	4.1	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<2.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
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	Fluoride	<100	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	17	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	756	µg/L	MT
0	Magnesium	564	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,500	µg/L	MT
0	Nitrate as nitrogen	1,730	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,110	µg/L	MT
0	Potassium	958	µg/L	GE
1	Selenium	3.5	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	12,800	µg/L	GE
1	Silica	17,100	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE

WELL FSB101A collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sodium	2,180	µg/L	MT
0	Sodium	2,110	µg/L	GE
0	Sulfate	1,800	µg/L	MT
0	Sulfate	1,800	µg/L	GE
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	124,000	µg/L	MT
0	Total dissolved solids	125,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	104	µg/L	MT
0	Total phosphates	190	µg/L	GE
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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<2.0	pCi/L	GE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tridium	<1.0	pCi/mL	MT
0	Tridium	<0.70	pCi/mL	GE

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 135.06 ft (41.17 m) below TOC
 Water elevation: 150.14 ft (45.78 m) msal
 Sp. conductance: 160 µS/cm
 Water evacuated before sampling: 149 gal

Time: 11:50
 pH: 8.9
 Alkalinity: 58 mg/L
 Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	MT
1	pH	7.5	pH	GE
1	Specific conductance	179	µS/cm	MT
1	Specific conductance	158	µS/cm	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	MT
0	Barium	31	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
1	Calcium	29,200	µg/L	MT
1	Calcium	22,200	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,700	µg/L	MT
0	Chloride	2,400	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL FSB101A collected on 04/17/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	< 5.0	µg/L	MT
0	Chromium	3.8	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Iron	< 20	µg/L	MT
0	Iron	18	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	3.7	µg/L	GE
0	Magnesium	791	µg/L	MT
0	Magnesium	565	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	MT
0	Nitrate as nitrogen	1,720	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Potassium	984	µg/L	MT
0	Potassium	888	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
1	Silica	13,000	µg/L	GE
1	Silica	17,800	µg/L	MT
0	Silver	< 2.0	µg/L	MT
2	Silver	30	µg/L	GE
0	Sodium	2,220	µg/L	MT
0	Sodium	2,180	µg/L	GE
0	Sulfate	1,600	µg/L	MT
0	Sulfate	1,600	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	MT
0	Thallium	< 2.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	87,000	µg/L	MT
0	Total dissolved solids	133,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	1,000	µg/L	GE
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	GE
0	Total phosphates	129	µg/L	MT
0	Total phosphates	180	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Zinc	< 10	µg/L	MT
0	Zinc	3.7	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE

WELL FSB101A collected on 04/17/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 8.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	1.3 ± 0.40	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 1.0	pCi/mL	MT
0	Tritium	< 0.70	pCi/mL	GE

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/00
 Depth to water: 6.43 ft (1.96 m) below TOC
 Water elevation: 104.87 ft (31.94 m) msl
 Sp. conductance: 551 µS/cm
 Water evacuated before sampling: 142 gal

Time: 13:10
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
1	Specific conductance	559	µS/cm	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
1	Barium	153	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	7.5	µg/L	MT
1	Calcium	21,300	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	1,800	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
1	Cobalt	85	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	4.0	µg/L	MT
0	Ethylbenzene	< 5.0	µg/L	MT
0	Fluoride	420	µg/L	MT
0	Iron	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
1	Magnesium	7,840	µg/L	MT
2	Manganese	1,440	µg/L	MT
1	Mercury	0.88	µg/L	MT
1	Nickel	23	µg/L	MT
2	Nitrate as nitrogen	73,900	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	1,310	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	9,880	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	84,200	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	475,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	41	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	< 119	µg/L	MT
0	Zinc	58	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	Americium-241	1.1 ± 0.40	pCi/L	TE
0	Americium-241	< 0.20	pCi/L	TE
1	Americium-243	0.45 ± 0.27	pCi/L	TE

ANALYTICAL RESULTS

WELL FSB102C collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Americium-243	< 0.20	pCi/L	TE
0	Barium-140	< 200	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 90	pCi/L	TE
0	Beryllium-7	< 60	pCi/L	TE
1	Carbon-14	130 ± 10	pCi/L	TE
1	Carbon-14	130 ± 10	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 20	pCi/L	TE
0	Cerium-144	< 20	pCi/L	TE
0	Cesium-134	< 8.0	pCi/L	TE
0	Cesium-134	< 3.0	pCi/L	TE
0	Cesium-137	< 8.0	pCi/L	TE
0	Cesium-137	< 3.0	pCi/L	TE
0	Cobalt-58	< 9.0	pCi/L	TE
0	Cobalt-58	< 5.0	pCi/L	TE
0	Cobalt-60	< 7.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-242	< 0.10	pCi/L	TE
0	Curium-243/244	< 0.40	pCi/L	TE
0	Curium-243/244	< 0.30	pCi/L	TE
1	Curium-246	0.57 ± 0.30	pCi/L	TE
0	Curium-246	< 0.30	pCi/L	TE
1	Gross alpha	5.9 ± 2.6	pCi/L	MT
1	Gross alpha	8.0 ± 3.0	pCi/L	TE
1	Gross alpha	7.0 ± 3.1	pCi/L	TE
1	Iodine-129	45 ± 4.0	pCi/L	TE
1	Iodine-129	42 ± 4.0	pCi/L	TE
0	Iodine-131	< 1,000	pCi/L	TE
0	Iodine-131	< 700	pCi/L	TE
0	Iron-55	< 40	pCi/L	TE
0	Iron-55	< 60	pCi/L	TE
0	Iron-59	< 30	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 6.0	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Neptunium-237	< 6.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
2	Nonvolatile beta	860 ± 70	pCi/L	MT
2	Nonvolatile beta	910 ± 20	pCi/L	TE
2	Nonvolatile beta	840 ± 20	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.080	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
0	Plutonium-242	< 0.070	pCi/L	TE
0	Plutonium-242	< 0.10	pCi/L	TE
1	Potassium-40	192 ± 60	pCi/L	TE
0	Potassium-40	< 60	pCi/L	TE
1	Radium-226	7.5 ± 0.80	pCi/L	TE
1	Radium-226	8.6 ± 1.2	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
0	Radium-226	< 60	pCi/L	TE
0	Radium-228	< 5.0	pCi/L	TE
0	Radium-228	< 4.0	pCi/L	TE
0	Radium-228	< 10	pCi/L	TE
0	Ruthenium-103	< 9.0	pCi/L	TE
0	Ruthenium-103	< 5.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Strontium-89	< 30	pCi/L	TE
0	Strontium-89	< 30	pCi/L	TE
1	Strontium-90	330 ± 10	pCi/L	TE
1	Strontium-90	300 ± 10	pCi/L	TE
1	Technetium-99	85 ± 9.0	pCi/L	TE
1	Technetium-99	75 ± 8.0	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
0	Thorium-228	< 5.0	pCi/L	TE
1	Thorium-228	2.9 ± 0.60	pCi/L	TE
0	Thorium-228	< 0.40	pCi/L	TE
1	Thorium-230	1.8 ± 0.40	pCi/L	TE
0	Thorium-230	< 0.20	pCi/L	TE
0	Thorium-232	< 0.050	pCi/L	TE
0	Thorium-232	< 0.20	pCi/L	TE
1	Total activity	1,860 ± 9.1	pCi/ml	EM
2	Total radium	8.8 ± 0.90	pCi/ml	MT
2	Tritium	1,700 ± 200	pCi/ml	MT
2	Tritium	2,000 ± 100	pCi/ml	TE
2	Tritium	2,000 ± 100	pCi/ml	TE
0	Uranium-234	< 0.30	pCi/L	TE
0	Uranium-234	< 0.50	pCi/L	TE
0	Uranium-235	< 0.20	pCi/L	TE
0	Uranium-235	< 0.30	pCi/L	TE
0	Uranium-238	< 0.30	pCi/L	TE

WELL FSB102C collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium-238	< 0.60	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zirconium-85	< 10	pCi/L	TE
0	Zirconium-85	< 5.0	pCi/L	TE

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/90
 Depth to water: 41.60 ft (12.68 m) below TOC
 Water elevation: 200.80 ft (61.20 m) msl
 Sp. conductance: 219 µS/cm
 Water evacuated before sampling: 154 gal

Time: 15:15
 pH: 5.3
 Alkalinity: 8 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	MT
1	Specific conductance	225	µS/cm	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	39	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	< 3.0	µg/L	MT
1	Calcium	24,300	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 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	38	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	2,270	µg/L	MT
1	Manganese	33	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Nickel	7.0	µg/L	MT
2	Nitrate as nitrogen	23,300	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	1,050	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	13,300	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	9,090	µg/L	MT
0	Sulfate	1,900	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	226,000	µg/L	MT
0	Total organic carbon	1,400	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	Uranium	< 119	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
1	Americium-241	0.57 ± 0.29	pCi/L	TE
1	Americium-243	0.83 ± 0.31	pCi/L	TE
0	Barium-140	< 80	pCi/L	TE
0	Beryllium-7	< 60	pCi/L	TE
0	Carbon-14	< 10	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE

ANALYTICAL RESULTS

WELL FSB103C collected on 04/18/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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-60	< 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	< 0.20	pCi/L	TE
1	Curium-246	0.90 ± 0.37	pCi/L	TE
0	Gross alpha	< 4.0	pCi/L	MT
0	Gross alpha	< 3.0	pCi/L	TE
0	Iodine-129	< 2.0	pCi/L	TE
0	Iodine-131	< 400	pCi/L	TE
0	Iron-55	< 60	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	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
1	Nonvolatile beta	32 ± 5.0	pCi/L	MT
1	Nonvolatile beta	38 ± 3.0	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
1	Plutonium-242	0.15 ± 0.020	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 90	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
0	Ruthenium-103	< 9.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Strontium-89	< 4.0	pCi/L	TE
1	Strontium-90	4.0 ± 1.1	pCi/L	TE
1	Technetium-99	55 ± 7.0	pCi/L	TE
1	Thorium-228	26 ± 1.0	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
1	Thorium-230	61 ± 1.0	pCi/L	TE
1	Thorium-232	1.1 ± 0.10	pCi/L	TE
0	Total activity	642 ± 5.4	pCi/mL	EM
1	Total radium	< 1.0	pCi/L	MT
2	Tritium	820 ± 70	pCi/mL	MT
2	Tritium	750 ± 10	pCi/mL	TE
1	Uranium-234	7.1 ± 2.4	pCi/L	TE
0	Uranium-235	< 0.50	pCi/L	TE
0	Uranium-238	< 0.90	pCi/L	TE
0	Zinc-65	< 9.0	pCi/L	TE
0	Zirconium-95	< 6.0	pCi/L	TE

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90
 Depth to water: 42.09 ft (12.83 m) below TOC
 Water elevation: 200.31 ft (61.06 m) msl
 Sp. conductance: 228 µS/cm
 Water evacuated before sampling: 153 gal

Time: 12:35
 pH: 5.6
 Alkalinity: 8 mg/L
 Water temperature: 23.9°C

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/80
 Depth to water: 20.72 ft (6.32 m) below TOC
 Water elevation: 198.38 ft (60.47 m) msl
 Sp. conductance: 318 µS/cm
 Water evacuated before sampling: 137 gal

Time: 16:55
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
1	Specific conductance	326	µS/cm	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
1	Barium	67	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	< 3.0	µg/L	MT
1	Calcium	33,100	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	2,300	µg/L	MT

WELL FSB104C collected on 04/18/80, 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
1	Chromium	9.4	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 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	90	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	4,630	µg/L	MT
1	Manganese	28	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
1	Nickel	15	µg/L	MT
2	Nitrate as nitrogen	36,400	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	1,330	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	11,000	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	13,300	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	358,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	28	µg/L	MT
0	Total phosphates	25	µg/L	MT
0	trans-1,2-Dichloroethane	< 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	< 119	µg/L	MT
0	Zinc	47	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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
1	Nonvolatile beta	43 ± 5.0	pCi/L	MT
2	Nonvolatile beta	52 ± 5.7	pCi/L	MT
1	Total activity	991 ± 6.7	pCi/mL	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	930 ± 100	pCi/mL	MT

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/80
 Depth to water: 16.47 ft (5.02 m) below TOC
 Water elevation: 202.73 ft (61.79 m) msl
 Sp. conductance: 1451 µS/cm
 Water evacuated before sampling: 46 gal

Time: 15:45
 pH: 3.2
 Alkalinity: 0 mg/L
 Water temperature: 17.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.8	pH	MT
1	pH	3.8	pH	MT
1	Specific conductance	1,600	µS/cm	MT
1	Specific conductance	1,800	µS/cm	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
1	Barium	287	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	8.8	µg/L	MT
0	Calcium	2,540	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	1,800	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB104D collected on 04/18/90, 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
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
1	Cobalt	107	µg/L	MT
1	Copper	60	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	131	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	1,820	µg/L	MT
2	Manganese	2,100	µg/L	MT
1	Mercury	0.66	µg/L	MT
1	Mercury	0.71	µg/L	MT
1	Nickel	30	µg/L	MT
2	Nitrate as nitrogen	187,000	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	44,600	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	107,000	µg/L	MT
0	Sulfate	1,200	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	630,000	µg/L	MT
0	Total dissolved solids	632,000	µg/L	MT
0	Total organic carbon	1,100	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	< 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
1	Uranium	1,530	µg/L	MT
0	Zinc	95	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	Americium-241	13 ± 2.0	pCi/L	TE
1	Americium-243	11 ± 2.0	pCi/L	TE
0	Barium-140	< 100	pCi/L	TE
0	Beryllium-7	< 90	pCi/L	TE
1	Carbon-14	50 ± 7.0	pCi/L	TE
0	Cerium-141	< 30	pCi/L	TE
0	Cerium-144	< 50	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	< 7.0	pCi/L	TE
0	Curium-242	< 0.30	pCi/L	TE
0	Curium-243/244	< 0.60	pCi/L	TE
1	Curium-246	7.4 ± 1.4	pCi/L	TE
2	Gross alpha	380 ± 40	pCi/L	MT
2	Gross alpha	290 ± 20	pCi/L	TE
0	Iodine-129	< 2.0	pCi/L	TE
0	Iodine-131	< 900	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
1	Nickel-63	10 ± 6.0	pCi/L	TE
2	Nonvolatile beta	1,300 ± 200	pCi/L	MT
2	Nonvolatile beta	2,000 ± 100	pCi/L	TE
0	Plutonium-238	< 0.10	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
1	Radium-226	30 ± 3.0	pCi/L	TE
0	Radium-228	< 100	pCi/L	TE
1	Radium-228	45 ± 7.0	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-108	< 50	pCi/L	TE
0	Strontium-89	< 30	pCi/L	TE
1	Strontium-90	510 ± 10	pCi/L	TE
1	Technetium-99	120 ± 10	pCi/L	TE
1	Thorium-228	88 ± 2.0	pCi/L	TE
0	Thorium-228	< 10	pCi/L	TE

WELL FSB104D collected on 04/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Thorium-230	93 ± 2.0	pCi/L	TE
1	Thorium-232	7.1 ± 0.60	pCi/L	TE
1	Total activity	10,200 ± 70	pCi/mL	EM
2	Total radium	66 ± 7.0	pCi/L	MT
2	Tritium	8,000 ± 900	pCi/mL	MT
2	Tritium	12,000 ± 1,000	pCi/mL	TE
1	Uranium-234	330 ± 10	pCi/L	TE
1	Uranium-235	10 ± 2.0	pCi/L	TE
1	Uranium-238	320 ± 10	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 10	pCi/L	TE

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/90
 Depth to water: 16.47 ft (5.02 m) below TOC
 Water elevation: 202.73 ft (61.79 m) msl
 Sp. conductance: 1451 µS/cm
 Water evacuated before sampling: 46 gal

Time: 15:45
 pH: 3.2
 Alkalinity: 0 mg/L
 Water temperature: 17.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	15 ± 2.0	pCi/L	TE
1	Americium-243	12 ± 1.0	pCi/L	TE
0	Barium-140	< 80	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
1	Carbon-14	45 ± 8.0	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	7.4 ± 4.0	pCi/L	TE
0	Curium-242	< 0.80	pCi/L	TE
0	Curium-243/244	< 2.0	pCi/L	TE
1	Curium-246	7.1 ± 1.3	pCi/L	TE
2	Gross alpha	330 ± 20	pCi/L	TE
1	Iodine-129	48 ± 3.0	pCi/L	TE
0	Iodine-131	< 600	pCi/L	TE
0	Iron-55	< 50	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	Nickel-59	< 90	pCi/L	TE
1	Nickel-63	15 ± 6.0	pCi/L	TE
2	Nonvolatile beta	1,800 ± 100	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.080	pCi/L	TE
0	Plutonium-242	< 0.050	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
1	Radium-226	44 ± 4.0	pCi/L	TE
0	Radium-228	< 100	pCi/L	TE
1	Radium-228	31 ± 8.0	pCi/L	TE
0	Ruthenium-103	< 10	pCi/L	TE
0	Ruthenium-108	< 40	pCi/L	TE
1	Strontium-89	30 ± 20	pCi/L	TE
1	Strontium-90	480 ± 10	pCi/L	TE
1	Technetium-99	110 ± 10	pCi/L	TE
1	Thorium-228	95 ± 2.0	pCi/L	TE
0	Thorium-228	< 9.0	pCi/L	TE
1	Thorium-230	97 ± 2.0	pCi/L	TE
1	Thorium-232	9.6 ± 0.80	pCi/L	TE
2	Tritium	11,000 ± 1,000	pCi/mL	TE
1	Uranium-234	4,200 ± 100	pCi/L	TE
1	Uranium-235	120 ± 10	pCi/L	TE
1	Uranium-238	770 ± 20	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 7.0	pCi/L	TE

ANALYTICAL RESULTS

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 80.89 ft (24.66 m) below TOC
 Water elevation: 204.91 ft (62.46 m) msl
 Sp. conductance: 1478 µS/cm
 Water evacuated before sampling: 198 gal

Time: 14:15
 pH: 3.2
 Alkalinity: 0 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.5	pH	MT
1	Specific conductance	1,610	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
2	Barium	673	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	22	µg/L	MT
1	Calcium	18,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,800	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	464	µg/L	MT
1	Copper	74	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	430	µg/L	MT
0	Iron	28	µg/L	MT
0	Lead	2.5	µg/L	MT
1	Magnesium	7,910	µg/L	MT
2	Manganese	5,660	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	64	µg/L	MT
2	Nitrate as nitrogen	213,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,840	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	24,500	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	94,500	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	865,000	µg/L	MT
0	Total organic carbon	1,800	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	113	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	<119	µg/L	MT
0	Zinc	185	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Gross alpha	161 ± 10	pCi/L	MT
2	Nonvolatile beta	1,800 ± 200	pCi/L	MT
2	Nonvolatile beta	1,480 ± 260	pCi/L	MT
1	Total activity	9,390 ± 60	pCi/mL	EM
2	Total radium	130 ± 20	pCi/L	MT
2	Tritium	9,600 ± 1,000	pCi/mL	MT

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/90
 Depth to water: 81.03 ft (24.70 m) below TOC
 Water elevation: 204.77 ft (62.41 m) msl
 Sp. conductance: 1592 µS/cm
 Water evacuated before sampling: 178 gal

Time: 13:05
 pH: 3.6
 Alkalinity: 0 mg/L
 Water temperature: 22.8°C

WELL FSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 78.29 ft (23.86 m) below TOC
 Water elevation: 207.51 ft (63.25 m) msl
 Sp. conductance: 1296 µS/cm
 Water evacuated before sampling: 1 gal
 The well went dry during purging.

Time: 17:55
 pH: 3.5
 Alkalinity: 0 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.9	pH	MT
1	Specific conductance	1,260	µS/cm	MT
1	Antimony	5.9	µg/L	MT
0	Arsenic	<2.0	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	27	µg/L	MT
1	Calcium	18,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,730	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
2	Chromium	29	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	39	µg/L	MT
2	Copper	672	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
2	Iron	12,900	µg/L	MT
2	Lead	309	µg/L	MT
1	Magnesium	10,500	µg/L	MT
2	Manganese	1,440	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	88	µg/L	MT
2	Nitrate as nitrogen	157,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,960	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	31,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	113,000	µg/L	MT
0	Sulfate	2,120	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	826,000	µg/L	MT
0	Total organic carbon	1,200	µg/L	MT
0	Total organic halogens	7.7	µg/L	MT
0	Total phosphates	207	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	Uranium	829	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	290 ± 30	pCi/L	MT

ANALYTICAL RESULTS

WELL FSB105D collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Nonvolatile beta	1,800 ± 200	pCi/L	MT
1	Total activity	8,310 ± 60	pCi/mL	EM
2	Total radium	25 ± 3.0	pCi/L	MT
2	Tritium	7,500 ± 800	pCi/mL	MT

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 34.99 ft (10.67 m) below TOC
 Water elevation: 200.11 ft (60.99 m) msl
 Sp. conductance: 873 µS/cm
 Water evacuated before sampling: 150 gal

Time: 12:35
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	pH	5.0	pH	MT
1	Specific conductance	734	µS/cm	MT
1	Specific conductance	733	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	217	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	13	µg/L	MT
1	Calcium	40,900	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,900	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	79	µg/L	MT
0	Copper	<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
1	Fluoride	560	µg/L	MT
1	Fluoride	570	µg/L	MT
0	Iron	24	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	8,800	µg/L	MT
2	Manganese	1,700	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nickel	20	µg/L	MT
2	Nitrate as nitrogen	85,400	µg/L	MT
2	Nitrate as nitrogen	85,600	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,440	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,230	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	56,400	µg/L	MT
0	Sulfate	1,100	µg/L	MT
0	Sulfate	1,100	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	697,000	µg/L	MT
0	Total dissolved solids	716,000	µg/L	MT
0	Total organic carbon	1,300	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	77	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	1.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	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

WELL FSB106C collected on 04/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
1	Americium-241	15 ± 3.0	pCi/L	TE
1	Americium-243	18 ± 3.0	pCi/L	TE
0	Barium-140	<90	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
1	Carbon-14	140 ± 10	pCi/L	TE
0	Cerium-141	<10	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<3.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
1	Curium-242	0.32 ± 0.31	pCi/L	TE
0	Curium-243/244	<0.50	pCi/L	TE
1	Curium-246	11 ± 3.0	pCi/L	TE
2	Gross alpha	15 ± 4.0	pCi/L	MT
2	Gross alpha	20 ± 5.0	pCi/L	TE
1	Iodine-129	50 ± 3.0	pCi/L	TE
0	Iodine-131	<600	pCi/L	TE
0	Iron-55	<60	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<5.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
2	Nonvolatile beta	1,400 ± 200	pCi/L	MT
2	Nonvolatile beta	1,700 ± 100	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
1	Potassium-40	66 ± 30	pCi/L	TE
0	Radium-226	<50	pCi/L	TE
1	Radium-226	30 ± 3.0	pCi/L	TE
1	Radium-228	20 ± 7.0	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<30	pCi/L	TE
1	Strontium-90	520 ± 10	pCi/L	TE
1	Technetium-99	140 ± 10	pCi/L	TE
1	Thorium-228	80 ± 5.0	pCi/L	TE
0	Thorium-228	<4.0	pCi/L	TE
1	Thorium-230	80 ± 5.0	pCi/L	TE
1	Thorium-232	39 ± 3.0	pCi/L	TE
1	Total activity	2,380 ± 10	pCi/mL	EM
2	Total radium	30 ± 3.0	pCi/L	MT
2	Tritium	2,400 ± 300	pCi/mL	MT
2	Tritium	2,700 ± 100	pCi/mL	TE
0	Uranium-234	<1.0	pCi/L	TE
0	Uranium-235	<0.50	pCi/L	TE
0	Uranium-238	<0.90	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90
 Depth to water: 35.46 ft (10.81 m) below TOC
 Water elevation: 199.64 ft (60.85 m) msl
 Sp. conductance: 897 µS/cm
 Water evacuated before sampling: 129 gal

Time: 14:20
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 19.5°C

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90
 Depth to water: 62.87 ft (19.16 m) below TOC
 Water elevation: 208.03 ft (63.41 m) msl
 Sp. conductance: 210 µS/cm
 Water evacuated before sampling: 164 gal

Time: 17:10
 pH: 7.0
 Alkalinity: 54 mg/L
 Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	MT
1	Specific conductance	196	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	29	µg/L	MT
0	Benzene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB107C collected on 05/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
1	Calcium	29,800	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,400	µg/L	MT
2	Manganese	51	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
1	Nitrate as nitrogen	6,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	674	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,560	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	6,960	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	132,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	66	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	<119	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	<5.0	pCi/L	MT
1	Nonvolatile beta	49±6.0	pCi/L	MT
1	Total activity	173±3.1	pCi/ml	EM
0	Total radium	1.1±0.40	pCi/L	MT
2	Tritium	150±20	pCi/ml	MT

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/90
 Depth to water: 59.93 ft (18.27 m) below TOC
 Water elevation: 211.07 ft (64.33 m) msl
 Sp. conductance: 523 µS/cm
 Water evacuated before sampling: 41 gal

Time: 16:25
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 22.0 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.9	pH	MT
1	Specific conductance	556	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	92	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	<3.0	µg/L	MT
0	Calcium	1,560	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT

WELL FSB107D collected on 05/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloride	3,000	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	<20	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	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	320	µg/L	MT
0	Iron	81	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,080	µg/L	MT
2	Manganese	667	µg/L	MT
2	Mercury	3.9	µg/L	MT
1	Nickel	8.2	µg/L	MT
2	Nitrate as nitrogen	60,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	17,100	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	74,800	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	363,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	7.3	µg/L	MT
0	Total phosphates	27	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	Uranium	244	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
2	Gross alpha	140±20	pCi/L	MT
2	Nonvolatile beta	1,200±200	pCi/L	MT
1	Total activity	2,180±10	pCi/ml	EM
2	Total radium	13±2.0	pCi/L	MT
2	Tritium	1,900±200	pCi/ml	MT

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90
 Depth to water: 80.15 ft (18.33 m) below TOC
 Water elevation: 210.85 ft (64.27 m) msl
 Sp. conductance: 657 µS/cm
 Water evacuated before sampling: 41 gal

Time: 9:50
 pH: 3.8
 Alkalinity: 0 mg/L
 Water temperature: 20.5 °C

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90
 Depth to water: 83.94 ft (25.59 m) below TOC
 Water elevation: 214.06 ft (65.25 m) msl
 Sp. conductance: 67 µS/cm
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

Time: 17:20
 pH: 6.0
 Alkalinity: 16 mg/L
 Water temperature: 21.2 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	MT
0	Specific conductance	80	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB108D collected on 04/26/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<3.0	µg/L	MT
0	Calcium	6,900	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,000	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	<20	µg/L	MT
0	Copper	<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	50	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	501	µg/L	MT
1	Manganese	28	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,850	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,910	µg/L	MT
0	Sulfate	1,900	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	48,000	µg/L	MT
0	Total organic carbon	1,400	µg/L	MT
0	Total organic halogens	<5.0	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	Uranium	<119	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	Gross alpha	<3.0	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 FSB108D collected on 05/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	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	<20	µg/L	MT
0	Copper	<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	20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,480	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	5.4	µg/L	MT
0	Nickel	7.3	µg/L	MT
0	Nitrate as nitrogen	480	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,230	µg/L	MT
0	Potassium	2,180	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,420	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	10,100	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	76,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	62	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	Uranium	<119	µg/L	MT
0	Zinc	95	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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
1	Total activity	36 ± 1.6	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	34 ± 4.0	pCi/ml	MT
2	Tritium	33 ± 4.0	pCi/ml	MT

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 82.69 ft (25.20 m) below TOC
 Water elevation: 210.41 ft (64.13 m) msl
 Sp. conductance: 83 µS/cm
 Water evacuated before sampling: 2 gal
 The well went dry during purging.

Time: 11:15
 pH: 7.2
 Alkalinity: 33 mg/L
 Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
0	Specific conductance	78	µS/cm	MT
0	Antimony	<3.0	µg/L	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	<3.0	µg/L	MT
0	Calcium	4,340	µg/L	MT

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 34.19 ft (10.42 m) below TOC
 Water elevation: 199.81 ft (60.90 m) msl
 Sp. conductance: 351 µS/cm
 Water evacuated before sampling: 179 gal

Time: 10:45
 pH: 6.6
 Alkalinity: 17 mg/L
 Water temperature: 18.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
1	Specific conductance	336	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	100	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	<3.0	µg/L	MT
1	Calcium	35,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,700	µg/L	MT

ANALYTICAL RESULTS

WELL FSB110C collected on 05/06/90, 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	<20	µg/L	MT
0	Copper	<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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,000	µg/L	MT
1	Manganese	30	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	37,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,500	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	18,900	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	296,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	75	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
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	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	<8.0	pCi/L	MT
2	Nonvolatile beta	77 ± 8.0	pCi/ml	MT
1	Total activity	914 ± 6.4	pCi/ml	EM
0	Total radium	1.9 ± 0.40	pCi/L	MT
2	Tridium	880 ± 90	pCi/ml	MT

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90
 Depth to water: 34.53 ft (10.52 m) below TOC
 Water elevation: 199.47 ft (60.80 m) msl
 Sp. conductance: 347 µS/cm
 Water evacuated before sampling: 178 gal

Time: 9:05
 pH: 6.4
 Alkalinity: 20 mg/L
 Water temperature: 20.3°C

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 30.96 ft (9.44 m) below TOC
 Water elevation: 203.54 ft (62.04 m) msl
 Sp. conductance: 2920 µS/cm
 Water evacuated before sampling: 48 gal

Time: 10:00
 pH: 3.1
 Alkalinity: 0 mg/L
 Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.0	pH	MT
1	pH	3.0	pH	MT
0	Specific conductance	3.6	µS/cm	MT
0	Specific conductance	3.5	µS/cm	MT

WELL FSB110D collected on 05/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Antimony	<3.0	µg/L	MT
1	Barium	239	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	<3.0	µg/L	MT
0	Calcium	1,870	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	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
2	Chromium	28	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
1	Copper	128	µg/L	MT
1	Cyanide	17	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	408	µg/L	MT
0	Lead	10	µg/L	MT
0	Magnesium	1,370	µg/L	MT
2	Manganese	1,150	µg/L	MT
1	Mercury	0.57	µg/L	MT
1	Nickel	88	µg/L	MT
2	Nitrate as nitrogen	474,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,750	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	141,000	µg/L	MT
1	Silica	127,000	µg/L	GE
1	Silver	8.5	µg/L	MT
1	Sodium	57,400	µg/L	MT
1	Sulfate	33,800	µg/L	MT
1	Tributyl phosphate	98	µg/L	GE
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	1.32E+08	µg/L	MT
0	Total dissolved solids	1.33E+08	µg/L	MT
0	Total organic carbon	3,100	µg/L	MT
1	Total organic halogens	26	µg/L	MT
0	Total phosphates	112	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	Total silica	154,000	µg/L	GE
1	Uranium	5,580	µg/L	MT
1	Zinc	254	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Americium-241	14 ± 1.0	pCi/L	TE
1	Americium-243	8.8 ± 0.40	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
1	Carbon-14	100 ± 10	pCi/L	TE
1	Cerium-141	24 ± 8.4	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<4.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	9.5 ± 3.0	pCi/L	TE
0	Curium-242	<0.40	pCi/L	TE
1	Curium-243/244	38 ± 2.0	pCi/L	TE
1	Curium-248	7.1 ± 0.40	pCi/L	TE
2	Gross alpha	780 ± 80	pCi/L	MT
2	Gross alpha	850 ± 50	pCi/L	TE
1	Iodine-129	270 ± 10	pCi/L	TE
0	Iodine-131	<500	pCi/L	TE
0	Iron-55	<50	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
2	Nonvolatile beta	2,000 ± 200	pCi/L	MT
2	Nonvolatile beta	900 ± 20	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE

ANALYTICAL RESULTS

WELL FSB110D collected on 05/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Plutonium-239/240	<0.10	pCi/L	TE
1	Plutonium-242	2.3 ± 1.5	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
1	Radium-226	558 ± 60	pCi/L	TE
1	Radium-228	14 ± 1.0	pCi/L	TE
1	Radium-228	42 ± 8.0	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<30	pCi/L	TE
1	Strontium-90	430 ± 10	pCi/L	TE
1	Technetium-99	330 ± 20	pCi/L	TE
0	Thorium-228	<4.0	pCi/L	TE
1	Thorium-228	45 ± 6.0	pCi/L	TE
1	Thorium-230	27 ± 5.0	pCi/L	TE
1	Thorium-232	5.3 ± 2.3	pCi/L	TE
1	Total activity	35,200 ± 130	pCi/mL	EM
2	Total radium	28 ± 3.0	pCi/L	MT
2	Trillium	36,000 ± 4,000	pCi/mL	MT
2	Trillium	34,000 ± 4,000	pCi/mL	MT
2	Trillium	39,000 ± 1,000	pCi/mL	TE
1	Uranium-234	380 ± 10	pCi/L	TE
1	Uranium-235	29 ± 3.0	pCi/L	TE
1	Uranium-238	570 ± 10	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90
 Depth to water: 31.24 ft (9.52 m) below TOC
 Water elevation: 203.28 ft (61.95 m) msl
 Sp. conductance: 3080 µS/cm
 Water evacuated before sampling: 48 gal

Time: 8:25
 pH: 2.9
 Alkalinity: 0 mg/L
 Water temperature: 19.3 °C

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 66.55 ft (20.28 m) below TOC
 Water elevation: 209.75 ft (63.93 m) msl
 Sp. conductance: 56 µS/cm
 Water evacuated before sampling: 147 gal

Time: 16:25
 pH: 5.1
 Alkalinity: 4 mg/L
 Water temperature: 21.5 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
0	pH	5.8	pH	GE
0	Specific conductance	56	µS/cm	MT
0	Specific conductance	59	µS/cm	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	7.5	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,300	µg/L	MT
0	Calcium	8,120	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,900	µg/L	MT
0	Chloride	3,300	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE

WELL FSB111C collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	4.8	µg/L	GE
0	Magnesium	389	µg/L	MT
0	Magnesium	383	µg/L	GE
0	Manganese	9.1	µg/L	MT
0	Manganese	9.9	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	MT
0	Nitrate as nitrogen	1,870	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	8,950	µg/L	GE
0	Silica	9,210	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	3,380	µg/L	MT
0	Sodium	3,520	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<3.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	72,000	µg/L	MT
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	108	µg/L	MT
0	Total phosphates	170	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	4.0	µg/L	MT
2	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Zinc	10	µg/L	MT
0	Zinc	3.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL FSB111C collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	3.5±3.6	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.8±3.3	pCi/L	GE
0	Tritium	5.5±0.60	pCi/mL	MT
0	Tritium	7.1±0.40	pCi/mL	GE

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 66.55 ft (20.28 m) below TOC
 Water elevation: 209.75 ft (63.93 m) msl
 Sp. conductance: 56 µS/cm
 Water evacuated before sampling: 147 gal

Time: 16:25
 pH: 5.1
 Alkalinity: 4 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	80	µS/cm	MT
0	Specific conductance	60	µS/cm	GE
0	Specific conductance	61	µS/cm	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	7.2	µg/L	GE
0	Barium	7.2	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	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)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,500	µg/L	MT
0	Calcium	5,910	µg/L	GE
0	Calcium	5,800	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,800	µg/L	MT
0	Chloride	3,500	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
1	Chromium	5.4	µg/L	MT
0	Chromium	2.5	µg/L	GE
0	Chromium	2.9	µg/L	GE
0	cis-1,3-Dichloropropene	<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	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT

WELL FSB111C collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	35	µg/L	GE
0	Iron	37	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	5.8	µg/L	GE
0	Lead	6.3	µg/L	GE
0	Magnesium	409	µg/L	MT
0	Magnesium	367	µg/L	GE
0	Magnesium	357	µg/L	GE
0	Manganese	7.7	µg/L	MT
0	Manganese	7.4	µg/L	GE
0	Manganese	7.2	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,500	µg/L	MT
0	Nitrate as nitrogen	1,880	µg/L	GE
0	Nitrate as nitrogen	1,880	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,660	µg/L	GE
0	Silica	8,390	µg/L	GE
0	Silica	9,580	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,500	µg/L	MT
0	Sodium	3,530	µg/L	GE
0	Sodium	3,190	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	J 4.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<3.0	µg/L	MT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	88,000	µg/L	MT
0	Total dissolved solids	35,000	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	4,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	109	µg/L	MT
0	Total phosphates	130	µg/L	GE
0	Total phosphates	130	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	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-1,3-Dichloropropene	<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	Trichloroethylene	<5.0	µg/L	MT
2	Trichloroethylene	3.0	µg/L	GE
2	Trichloroethylene	3.0	µg/L	GE

ANALYTICAL RESULTS

WELL FSB111C collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	9.3	µg/L	GE
0	Zinc	11	µg/L	GE
0	1,1-Dichloroethane	<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-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<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	1,1,2-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	1,1,2,2-Tetrachloroethane	<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	1,2-Dichloroethane	<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-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<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	Gross alpha	<3.0	pCi/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	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.3±3.1	pCi/L	GE
0	Total radium	1.5±3.1	pCi/L	GE
0	Tritium	5.5±0.60	pCi/mL	MT
0	Tritium	5.4±0.60	pCi/mL	MT
0	Tritium	6.4±0.40	pCi/mL	GE
0	Tritium	6.9±0.40	pCi/mL	GE

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 64.07 ft (19.53 m) below TOC
 Water elevation: 212.53 ft (64.78 m) msl
 Sp. conductance: 39 µS/cm
 Water evacuated before sampling: 43 gal

Time: 17:10
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	37	µS/cm	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	1,160	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	<20	µg/L	MT
0	Copper	<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

WELL FSB111D collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iron	<20	µg/L	MT
0	Lead	2.5	µg/L	MT
0	Magnesium	727	µg/L	MT
0	Manganese	19	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<800	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,770	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,350	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	J 2.0	µg/L	MT
0	Thallium	<3.0	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	8.0	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	18	µg/L	MT
0	Uranium	<119	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	<3.0	pCi/L	MT
0	Nonvolatile beta	6.6±3.8	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
1	Tritium	13±2.0	pCi/mL	MT

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 44.39 ft (13.53 m) below TOC
 Water elevation: 221.81 ft (67.55 m) msl
 Sp. conductance: 217 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 9:15
 pH: 6.9
 Alkalinity: 54 mg/L
 Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.5	pH	GE
2	pH	8.5	pH	GE
1	Specific conductance	118	µS/cm	GE
1	Specific conductance	121	µS/cm	GE
0	Chloride	2,200	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Nitrate as nitrogen	350	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	4,050	µg/L	GE
0	Sodium	4,360	µg/L	GE
0	Total dissolved solids	81,000	µg/L	GE
0	Total dissolved solids	81,000	µg/L	GE

ANALYTICAL RESULTS

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90
 Depth to water: 40.82 ft (12.38 m) below TOC
 Water elevation: 220.88 ft (67.38 m) msl
 Sp. conductance: 128 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 18:40
 pH: 4.9
 Alkalinity: 3 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
1	Specific conductance	100	µS/cm	GE
0	Chloride	3,300	µg/L	GE
0	Nitrate as nitrogen	890	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
1	Sodium	10,300	µg/L	GE
0	Total dissolved solids	82,000	µg/L	GE
1	Total activity	280 ± 4.3	pCi/mL	EM

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 39.44 ft (12.02 m) below TOC
 Water elevation: 218.78 ft (66.68 m) msl
 Sp. conductance: 56 µS/cm
 Water evacuated before sampling: 9 gal
 The well went dry during purging.

Time: 8:55
 pH: 5.2
 Alkalinity: 3 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Chloride	3,600	µg/L	GE
0	Nitrate as nitrogen	890	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
1	Sodium	5,880	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 75.77 ft (23.09 m) below TOC
 Water elevation: 216.03 ft (65.85 m) msl
 Sp. conductance: 50 µS/cm
 Water evacuated before sampling: 10 gal
 The well went dry during purging.

Time: 9:35
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 18.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	37	µS/cm	GE
0	Chloride	3,800	µg/L	GE
0	Nitrate as nitrogen	2,500	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Sodium	4,570	µg/L	GE
0	Total dissolved solids	35,000	µg/L	GE

WELL FTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 The well was dry.

Time: 10:50

WELL FTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 The well was dry.

Time: 10:45

WELL FTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 57.80 ft (17.83 m) below TOC
 Water elevation: 222.90 ft (67.82 m) msl
 Sp. conductance: 144 µS/cm
 Water evacuated before sampling: 3 gal

Time: 11:45
 pH: 8.0
 Water temperature: 30.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.8 ± 1.2	pCi/L	EM
0	Nonvolatile beta	8.2 ± 2.0	pCi/L	EM
0	Tritium	8.0 ± 0.72	pCi/mL	EM

WELL FTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 58.50 ft (17.22 m) below TOC
 Water elevation: 222.00 ft (67.67 m) msl
 Sp. conductance: 100 µS/cm
 Water evacuated before sampling: 3 gal

Time: 13:00
 pH: 8.8
 Water temperature: 27.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.30 ± 0.46	pCi/L	EM
0	Nonvolatile beta	4.8 ± 1.5	pCi/L	EM
0	Tritium	2.8 ± 0.81	pCi/mL	EM

WELL FTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Inaccessibility or pump failure prevented sample collection.

Time: Not available

WELL FTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 The well was dry.

Time: 11:30

WELL FTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 57.00 ft (17.37 m) below TOC
 Water elevation: 223.00 ft (67.87 m) msl
 Sp. conductance: 98 µS/cm
 Water evacuated before sampling: 3 gal

Time: 11:00
 pH: 8.8
 Water temperature: 37.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.7 ± 1.4	pCi/L	EM
2	Nonvolatile beta	251 ± 30	pCi/L	EM
0	Tritium	4.1 ± 0.88	pCi/mL	EM

WELL FTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 The well was dry.

Time: 11:15

ANALYTICAL RESULTS

WELL FTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90 Time: 9:30
The well was dry.

WELL FTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90 Time: 10:48
The well was dry.

WELL FTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90 Time: 8:55
The well was dry.

WELL FTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90 Time: 8:40
Depth to water: 45.00 ft (13.72 m) below TOC pH: 11.8
Water elevation: 220.70 ft (67.10 m) msl
Sp. conductance: 1540 µS/cm
Water evacuated before sampling: 3 gal
Water temperature: 25.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	-3.0 ± 4.8	pCi/L	EM
1	Nonvolatile beta	27 ± 20	pCi/L	EM
1	Tritium	15 ± 0.85	pCi/mL	EM

WELL FTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90 Time: 14:45
The well was dry.

WELL FTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90 Time: 15:20
The well was dry.

WELL FTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90 Time: 13:40
Depth to water: 64.00 ft (19.51 m) below TOC pH: 5.1
Water elevation: 222.50 ft (67.82 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 3 gal
Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	84 ± 20	pCi/L	MT
1	Gross alpha	5.2 ± 3.2	pCi/L	GE
0	Gross alpha	1.8 ± 0.88	pCi/L	EM
2	Nonvolatile beta	58 ± 10	pCi/L	MT
0	Nonvolatile beta	3.7 ± 4.3	pCi/L	GE
0	Nonvolatile beta	2.3 ± 1.1	pCi/L	EM
0	Tritium	7.2 ± 0.80	pCi/mL	MT

WELL FTF 16 collected on 05/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tritium	7.8 ± 0.40	pCi/mL	GE
0	Tritium	7.2 ± 0.78	pCi/mL	EM

WELL FTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90 Time: 14:30
Depth to water: 88.80 ft (26.88 m) below TOC pH: 7.3
Water elevation: 220.10 ft (67.08 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 3 gal
Water temperature: 25.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.8 ± 0.84	pCi/L	EM
0	Nonvolatile beta	1.4 ± 0.97	pCi/L	EM
0	Tritium	6.8 ± 0.74	pCi/mL	EM

WELL FTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90 Time: 13:15
Depth to water: 88.00 ft (26.83 m) below TOC pH: 7.2
Water elevation: 220.80 ft (67.24 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 3 gal
Water temperature: 24.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	3.2 ± 1.1	pCi/L	EM
0	Nonvolatile beta	1.8 ± 1.1	pCi/L	EM
0	Tritium	6.8 ± 0.74	pCi/mL	EM

WELL FTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90 Time: 13:30
Depth to water: 87.00 ft (26.42 m) below TOC pH: 7.3
Water elevation: 221.00 ft (67.36 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 3 gal
Water temperature: 24.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.8 ± 0.85	pCi/L	EM
0	Nonvolatile beta	1.3 ± 0.88	pCi/L	EM
0	Tritium	4.7 ± 0.68	pCi/mL	EM

WELL FTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90 Time: 13:40
Depth to water: 87.50 ft (26.57 m) below TOC pH: 7.3
Water elevation: 219.70 ft (66.97 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 3 gal
Water temperature: 24.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.81 ± 0.54	pCi/L	EM
0	Nonvolatile beta	2.8 ± 1.2	pCi/L	EM
0	Tritium	4.4 ± 0.68	pCi/mL	EM

ANALYTICAL RESULTS

WELL FTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/00 Time: 14:00
 Depth to water: 87.80 ft (20.87 m) below TOC pH: 7.3
 Water elevation: 219.80 ft (80.93 m) msl
 Sp. conductance: 88 µS/cm Water temperature: 28.5°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.8 ± 0.83	pCi/L	EM
0	Nonvolatile beta	2.2 ± 1.1	pCi/L	EM
0	Tritium	4.7 ± 0.87	pCi/mL	EM

WELL FTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/00 Time: 14:15
 Depth to water: 85.00 ft (19.81 m) below TOC pH: 11.5
 Water elevation: 222.50 ft (87.82 m) msl
 Sp. conductance: 1898 µS/cm Water temperature: 29.0°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	30 ± 20	pCi/L	EM
0	Gross alpha	-5.1 ± 6.1	pCi/L	EM
0	Gross alpha	-0.28 ± 0.8	pCi/L	EM
1	Nonvolatile beta	28 ± 20	pCi/L	EM
1	Nonvolatile beta	47 ± 20	pCi/L	EM
1	Nonvolatile beta	37 ± 20	pCi/L	EM
0	Tritium	7.8 ± 0.77	pCi/mL	EM

WELL FTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/00 Time: 14:10
 Depth to water: 88.00 ft (20.73 m) below TOC pH: 5.3
 Water elevation: 218.80 ft (80.89 m) msl
 Sp. conductance: 52 µS/cm Water temperature: 27.9°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	37 ± 20	pCi/L	MT
1	Gross alpha	8.3 ± 3.4	pCi/L	GE
0	Gross alpha	3.2 ± 1.1	pCi/L	EM
1	Nonvolatile beta	23 ± 10	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Nonvolatile beta	2.4 ± 1.1	pCi/L	EM
0	Tritium	8.3 ± 0.90	pCi/mL	MT
0	Tritium	9.9 ± 0.50	pCi/mL	GE
0	Tritium	9.0 ± 0.88	pCi/mL	EM

WELL FTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/00 Time: 14:35
 Depth to water: 80.30 ft (20.21 m) below TOC pH: 4.9
 Water elevation: 219.70 ft (80.97 m) msl
 Sp. conductance: 48 µS/cm Water temperature: 28.3°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.30 ± 0.43	pCi/L	EM
0	Nonvolatile beta	2.9 ± 1.2	pCi/L	EM
0	Tritium	7.1 ± 0.75	pCi/mL	EM

WELL FTF 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/00 Time: 10:00
 Depth to water: 50.30 ft (15.33 m) below TOC pH: 6.9
 Water elevation: 220.00 ft (87.00 m) msl
 Sp. conductance: 112 µS/cm Water temperature: 25.3°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 218	pCi/L	EM
0	Cerium-144	< 872	pCi/L	EM
0	Cesium-134	< 88	pCi/L	EM
0	Cesium-137	< 84	pCi/L	EM
0	Chromium-51	< 802	pCi/L	EM
0	Cobalt-60	< 82	pCi/L	EM
0	Gross alpha	1.4 ± 0.82	pCi/L	EM
0	Iodine-131	< 187	pCi/L	EM
0	Niobium-95	< 72	pCi/L	EM
0	Nonvolatile beta	8.7 ± 1.8	pCi/L	EM
0	Ruthenium-103	< 87	pCi/L	EM
0	Ruthenium-108	< 85	pCi/L	EM
1	Tritium	11 ± 0.85	pCi/mL	EM
0	Zirconium-95	< 124	pCi/L	EM

WELL FTF 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/00 Time: 10:35
 Depth to water: 49.50 ft (15.09 m) below TOC pH: 8.7
 Water elevation: 221.70 ft (87.57 m) msl
 Sp. conductance: 90 µS/cm Water temperature: 28.0°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 183	pCi/L	EM
0	Cerium-144	< 502	pCi/L	EM
0	Cesium-134	< 84	pCi/L	EM
0	Cesium-137	< 74	pCi/L	EM
0	Chromium-51	< 798	pCi/L	EM
0	Cobalt-60	< 78	pCi/L	EM
0	Gross alpha	0.74 ± 0.81	pCi/L	EM
0	Iodine-131	< 183	pCi/L	EM
0	Niobium-95	< 80	pCi/L	EM
0	Nonvolatile beta	5.5 ± 1.0	pCi/L	EM
0	Ruthenium-103	< 81	pCi/L	EM
0	Ruthenium-108	< 839	pCi/L	EM
0	Tritium	5.2 ± 0.88	pCi/mL	EM
0	Zirconium-95	< 135	pCi/L	EM

WELL FTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/00 Time: 10:20
 Depth to water: 49.50 ft (15.09 m) below TOC pH: 8.0
 Water elevation: 221.40 ft (87.48 m) msl
 Sp. conductance: 168 µS/cm Water temperature: 28.4°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 210	pCi/L	EM
0	Cerium-144	< 498	pCi/L	EM
0	Cesium-134	< 72	pCi/L	EM
0	Cesium-137	< 78	pCi/L	EM
0	Chromium-51	< 775	pCi/L	EM
0	Cobalt-60	< 88	pCi/L	EM
1	Gross alpha	8.1 ± 1.8	pCi/L	EM
0	Iodine-131	< 188	pCi/L	EM
0	Niobium-95	< 85	pCi/L	EM
1	Nonvolatile beta	18 ± 3.3	pCi/L	EM
0	Ruthenium-103	< 88	pCi/L	EM
0	Ruthenium-108	< 587	pCi/mL	EM
1	Tritium	12 ± 0.88	pCi/mL	EM
0	Zirconium-95	< 118	pCi/L	EM

ANALYTICAL RESULTS

WELL FTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 48.50 ft (15.09 m) below TOC
 Water elevation: 221.00 ft (67.38 m) msl
 Sp. conductance: 105 µS/cm
 Water evacuated before sampling: 3 gal

Time: 10:10
 pH: 8.7
 Water temperature: 27.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 218	pCi/L	EM
0	Cerium-144	< 505	pCi/L	EM
0	Cesium-134	< 89	pCi/L	EM
0	Cesium-137	< 87	pCi/L	EM
0	Chromium-51	< 785	pCi/L	EM
0	Cobalt-60	< 72	pCi/L	EM
0	Gross alpha	0.87 ± 0.80	pCi/L	EM
0	Iodine-131	< 187	pCi/L	EM
0	Niobium-95	< 83	pCi/L	EM
0	Nonvolatile beta	3.3 ± 1.3	pCi/L	EM
0	Ruthenium-103	< 88	pCi/L	EM
0	Ruthenium-106	< 632	pCi/L	EM
1	Tritium	15 ± 0.94	pCi/mL	EM
0	Zirconium-95	< 131	pCi/L	EM

WELL GBW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 71.39 ft (21.78 m) below TOC
 Water elevation: 282.21 ft (79.92 m) msl
 Sp. conductance: 19 µS/cm
 Water evacuated before sampling: 10 gal
 The well went dry during purging.

Time: 8:25
 pH: 5.8
 Alkalinity: 2 mg/L
 Water temperature: 18.7°C

WELL H 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 14:55

WELL H 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 20.00 ft (6.10 m) below TOC
 Sp. conductance: 548 µS/cm
 Water evacuated before sampling: 3 gal

Time: 15:00
 pH: 6.5
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	-0.97 ± 1.6	pCi/L	EM
1	Nonvolatile beta	20 ± 0.2	pCi/L	EM
2	Tritium	4,840 ± 40	pCi/mL	EM

WELL H 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90
 The well was dry.

Time: 11:50

WELL H 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90
 Depth to water: 18.00 ft (4.88 m) below TOC
 Water elevation: 225.50 ft (68.73 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 3 gal

Time: 12:30
 pH: 5.8
 Water temperature: 18.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	78 ± 30	pCi/L	MT
2	Gross alpha	60 ± 10	pCi/L	MT
1	Gross alpha	13 ± 5.4	pCi/L	GE
0	Gross alpha	-0.20 ± 0.25	pCi/L	EM
2	Nonvolatile beta	110 ± 40	pCi/L	MT
2	Nonvolatile beta	100 ± 20	pCi/L	MT
2	Nonvolatile beta	172 ± 10	pCi/L	GE
0	Nonvolatile beta	1.3 ± 0.83	pCi/L	EM
2	Tritium	29 ± 3.0	pCi/mL	MT
2	Tritium	35 ± 0.70	pCi/mL	GE
2	Tritium	23 ± 1.1	pCi/mL	EM

WELL H 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90
 The well was dry.

Time: 12:45

WELL H 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 140 µS/cm
 Water temperature: 18.5°C

Time: 12:55
 pH: 6.5

No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.1 ± 0.88	pCi/L	EM
1	Nonvolatile beta	12 ± 2.6	pCi/L	EM
0	Tritium	1.0 ± 0.58	pCi/mL	EM

WELL H 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 The well was dry.

Time: 9:15

WELL HAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 30.90 ft (9.42 m) below TOC
 Water elevation: 287.50 ft (81.53 m) msl
 Sp. conductance: 151 µS/cm
 Water evacuated before sampling: 33 gal

Time: 10:45
 pH: 4.8
 Alkalinity: 5 mg/L
 Water temperature: 25.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.0	pH	MT
0	pH	5.3	pH	GE
0	Specific conductance	3.0	µS/cm	MT
1	Specific conductance	108	µS/cm	GE
0	Turbidity	0.74	NTU	MT
0	Turbidity	0.20	NTU	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	< 3.0	µg/L	GE

ANALYTICAL RESULTS

WELL HAC 1 collected on 05/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	189	µg/L	MT
0	Calcium	193	µg/L	GE
0	Chloride	5,400	µg/L	MT
0	Chloride	4,000	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<280	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
1	Iron	239	µg/L	MT
1	Iron	238	µg/L	GE
0	Lead	5.7	µg/L	MT
0	Lead	12	µg/L	GE
0	Magnesium	88	µg/L	MT
0	Magnesium	74	µg/L	GE
0	Manganese	8.1	µg/L	MT
0	Manganese	8.9	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	MT
0	Nitrate as nitrogen	1,750	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	<800	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
1	Selenium	2.3	µg/L	GE
0	Silica	5,910	µg/L	MT
0	Silica	5,190	µg/L	GE
0	Silver	<2.0	µg/L	MT
1	Silver	9.0	µg/L	GE
1	Sodium	25,700	µg/L	MT
1	Sodium	28,400	µg/L	GE
1	Sulfate	32,000	µg/L	MT
1	Sulfate	28,800	µg/L	GE
0	Total dissolved solids	89,000	µg/L	MT
0	Total dissolved solids	87,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic carbon	8,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.2±2.1	pCi/L	GE
2	Tritium	47±5.0	pCi/mL	MT
2	Tritium	84±0.90	pCi/mL	GE

WELL HAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 30.80 ft (9.42 m) below TOC
 Water elevation: 287.50 ft (81.53 m) msl
 Sp. conductance: 151 µS/cm
 Water evacuated before sampling: 33 gal

Time: 10:45
 pH: 4.8
 Alkalinity: 5 mg/L
 Water temperature: 25.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	pH	5.3	pH	GE
1	Specific conductance	152	µS/cm	MT
1	Specific conductance	123	µS/cm	GE
0	Turbidity	0.33	NTU	MT
0	Turbidity	0.20	NTU	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE

WELL HAC 1 collected on 05/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	154	µg/L	MT
0	Calcium	215	µg/L	GE
0	Chloride	5,300	µg/L	MT
0	Chloride	8,100	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<280	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
1	Iron	230	µg/L	MT
1	Iron	238	µg/L	GE
0	Lead	5.9	µg/L	MT
1	Lead	23	µg/L	GE
0	Magnesium	90	µg/L	MT
0	Magnesium	70	µg/L	GE
0	Manganese	8.7	µg/L	MT
0	Manganese	8.4	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	MT
0	Nitrate as nitrogen	1,730	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	<800	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	5,880	µg/L	MT
0	Silica	4,980	µg/L	GE
0	Silver	<2.0	µg/L	MT
1	Silver	8.1	µg/L	GE
1	Sodium	27,200	µg/L	MT
1	Sodium	23,000	µg/L	GE
1	Sulfate	36,000	µg/L	MT
1	Sulfate	29,200	µg/L	GE
0	Total dissolved solids	55,000	µg/L	MT
0	Total dissolved solids	81,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic carbon	7,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	2.8±2.2	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.2±2.1	pCi/L	GE
2	Tritium	47±5.0	pCi/mL	MT
2	Tritium	85±0.80	pCi/mL	GE

WELL HAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 31.13 ft (9.49 m) below TOC
 Water elevation: 288.87 ft (81.37 m) msl
 Sp. conductance: 482 µS/cm
 Water evacuated before sampling: 3 gal
 The well went dry during purging.

Time: 12:30
 pH: 5.2
 Alkalinity: 10 mg/L
 Water temperature: 24.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.6	pH	GE
1	Specific conductance	461	µS/cm	GE
1	Specific conductance	460	µS/cm	GE
0	Turbidity	45	NTU	GE
0	Turbidity	44	NTU	GE

ANALYTICAL RESULTS

WELL HAC 2 collected on 05/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.9	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	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	492	µg/L	GE
0	Calcium	493	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,900	µg/L	GE
0	Chloride	3,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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-1,3-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	137	µg/L	GE
0	Iron	130	µg/L	GE
0	Lead	15	µg/L	GE
0	Lead	11	µg/L	GE
0	Magnesium	377	µg/L	GE
0	Magnesium	376	µg/L	GE
1	Manganese	29	µg/L	GE
1	Manganese	27	µg/L	GE
0	Mercury	0.24	µg/L	GE
0	Mercury	0.24	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	810	µg/L	GE
0	Nitrate as nitrogen	800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,140	µg/L	GE
0	Silica	6,670	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	116,000	µg/L	GE
1	Sodium	119,000	µg/L	GE
2	Sulfate	145,000	µg/L	GE
2	Sulfate	140,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	356,000	µg/L	GE
0	Total dissolved solids	365,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	11	µg/L	GE
1	Total organic halogens	13	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 HAC 2 collected on 05/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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
1	1,1,1-Trichloroethane	7.0	µg/L	GE
1	1,1,1-Trichloroethane	5.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
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
0	Total radium	1.2±3.2	pCi/L	GE
0	Total radium	1.2±3.2	pCi/L	GE
2	Tritium	58±0.80	pCi/mL	GE
2	Tritium	57±0.80	pCi/mL	GE

WELL HAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 30.88 ft (9.35 m) below TOC
 Water elevation: 267.32 ft (81.48 m) msl
 Sp. conductance: 243 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 12:45
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 24.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
1	Specific conductance	188	µS/cm	GE
0	Turbidity	4.0	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	280	µg/L	GE
1	Chloride	10,000	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
2	Iron	314	µg/L	GE
0	Lead	18	µg/L	GE
0	Magnesium	368	µg/L	GE
2	Manganese	81	µg/L	GE
0	Mercury	0.24	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,120	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,590	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	32,800	µg/L	GE
1	Sulfate	72,900	µg/L	GE
0	Total dissolved solids	140,000	µg/L	GE
0	Total organic carbon	4,000	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	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.0±2.0	pCi/L	GE
2	Tritium	45±0.80	pCi/mL	GE

ANALYTICAL RESULTS

WELL HAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 28.12 ft (8.68 m) below TOC
 Water elevation: 267.78 ft (81.62 m) msl
 Sp. conductance: 39 µS/cm
 Water evacuated before sampling: 51 gal

Time: 10:10
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 25.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Turbidity	0.90	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	394	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,000	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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
1	gamma-Benzene hexachloride (Lindane)	0.089	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	26	µg/L	GE
0	Magnesium	326	µg/L	GE
1	Manganese	46	µg/L	GE
1	Mercury	0.49	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,750	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,480	µg/L	GE
0	Sulfate	7,900	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	4,000	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)	<0.080	µg/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.2±3.2	pCi/L	GE
2	Tritium	38±0.70	pCi/mL	GE

WELL HAP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 18.08 ft (5.62 m) below TOC
 Water elevation: 270.01 ft (82.30 m) msl
 Sp. conductance: 170 µS/cm
 Water evacuated before sampling: 51 gal

Time: 13:30
 pH: 6.0
 Alkalinity: 36 mg/L
 Water temperature: 18.3°C

WELL HAP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 20.48 ft (6.24 m) below TOC
 Water elevation: 269.42 ft (82.12 m) msl
 Sp. conductance: 54 µS/cm
 Water evacuated before sampling: 82 gal

Time: 13:15
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.8°C

WELL HCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 41.39 ft (12.62 m) below TOC
 Water elevation: 268.61 ft (81.87 m) msl
 Sp. conductance: 46 µS/cm
 Water evacuated before sampling: 20 gal
 The well went dry during purging.

Time: 12:05
 pH: 5.1
 Alkalinity: 7 mg/L
 Water temperature: 26.8°C

WELL HCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 41.06 ft (12.52 m) below TOC
 Water elevation: 269.74 ft (82.22 m) msl
 Sp. conductance: 189 µS/cm
 Water evacuated before sampling: 72 gal

Time: 11:40
 pH: 5.8
 Alkalinity: 24 mg/L
 Water temperature: 28.2°C

WELL HCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 41.92 ft (12.78 m) below TOC
 Water elevation: 268.38 ft (81.80 m) msl
 Sp. conductance: 84 µS/cm
 Water evacuated before sampling: 12 gal
 The well went dry during purging.

Time: 12:15
 pH: 5.8
 Alkalinity: 32 mg/L
 Water temperature: 25.8°C

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/90
 Depth to water: 42.11 ft (12.84 m) below TOC
 Water elevation: 268.59 ft (81.87 m) msl
 Sp. conductance: 43 µS/cm
 Water evacuated before sampling: 20 gal
 The well went dry during purging.

Time: 11:50
 pH: 5.2
 Alkalinity: 7 mg/L
 Water temperature: 26.8°C

ANALYTICAL RESULTS

WELL HCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 17.15 ft (5.23 m) below TOC
 Water elevation: 262.15 ft (79.90 m) msl
 Sp. conductance: 84 µS/cm
 Water evacuated before sampling: 103 gal

Time: 15:40
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 22.2°C

WELL HCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 14.87 ft (4.47 m) below TOC
 Water elevation: 267.03 ft (81.39 m) msl
 Sp. conductance: 1470 µS/cm
 Water evacuated before sampling: 71 gal

Time: 16:25
 pH: 2.8
 Alkalinity: 0 mg/L
 Water temperature: 21.7°C

WELL HCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 8.72 ft (2.66 m) below TOC
 Water elevation: 265.88 ft (80.98 m) msl
 Sp. conductance: 40 µS/cm
 Water evacuated before sampling: 83 gal

Time: 16:00
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 22.0°C

WELL HCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 14.46 ft (4.41 m) below TOC
 Water elevation: 263.34 ft (80.27 m) msl
 Inaccessibility or pump failure prevented sample collection.

Time: 15:15

WELL HET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 16.53 ft (5.04 m) below TOC
 Water elevation: 265.87 ft (80.98 m) msl
 Sp. conductance: 53 µS/cm
 Water evacuated before sampling: 74 gal

Time: 12:55
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.7°C

WELL HET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 20.64 ft (6.29 m) below TOC
 Water elevation: 256.26 ft (78.11 m) msl
 Sp. conductance: 35 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 11:30
 pH: 5.4
 Alkalinity: 3 mg/L
 Water temperature: 19.6°C

WELL HET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 19.88 ft (6.06 m) below TOC
 Water elevation: 256.82 ft (78.26 m) msl
 Sp. conductance: 26 µS/cm
 Water evacuated before sampling: 9 gal
 The well went dry during purging.

Time: 11:20
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.4°C

WELL HET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 19.57 ft (5.97 m) below TOC
 Water elevation: 257.13 ft (78.37 m) msl
 Sp. conductance: 42 µS/cm
 Water evacuated before sampling: 17 gal
 The well went dry during purging.

Time: 11:10
 pH: 5.1
 Alkalinity: 3 mg/L
 Water temperature: 19.5°C

WELL HR3 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 13.84 ft (4.25 m) below TOC
 Water elevation: 257.46 ft (78.47 m) msl
 Sp. conductance: 44 µS/cm
 Water evacuated before sampling: 148 gal

Time: 14:30
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 48	pCi/L	EM
0	Cerium-144	< 131	pCi/L	EM
0	Cesium-134	< 18	pCi/L	EM
0	Cesium-137	< 21	pCi/L	EM
0	Chromium-51	< 309	pCi/L	EM
0	Cobalt-60	< 20	pCi/L	EM
0	Gross alpha	0.73±0.57	pCi/L	EM
0	Iodine-131	< 222	pCi/L	EM
0	Niobium-95	< 29	pCi/L	EM
0	Nonvolatile beta	-0.060±0.68	pCi/L	EM
0	Ruthenium-103	< 30	pCi/L	EM
0	Ruthenium-106	< 199	pCi/L	EM
1	Tritium	19±1.1	pCi/mL	EM
0	Zirconium-95	< 39	pCi/L	EM

WELL HR3 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 20.88 ft (6.36 m) below TOC
 Water elevation: 255.32 ft (77.82 m) msl
 Sp. conductance: 102 µS/cm
 Water evacuated before sampling: 131 gal

Time: 14:00
 pH: 6.1
 Alkalinity: 26 mg/L
 Water temperature: 24.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 49	pCi/L	EM
0	Cerium-144	< 135	pCi/L	EM
0	Cesium-134	< 19	pCi/L	EM
0	Cesium-137	< 21	pCi/L	EM
0	Chromium-51	< 298	pCi/L	EM
0	Cobalt-60	< 22	pCi/L	EM
0	Gross alpha	1.5±0.64	pCi/L	EM
0	Iodine-131	< 229	pCi/L	EM
0	Niobium-95	< 32	pCi/L	EM
0	Nonvolatile beta	3.5±1.3	pCi/L	EM
0	Ruthenium-103	< 29	pCi/L	EM
0	Ruthenium-106	< 174	pCi/L	EM
2	Tritium	37±1.4	pCi/mL	EM
0	Zirconium-95	< 47	pCi/L	EM

ANALYTICAL RESULTS

WELL HR8 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 14.89 ft (4.54 m) below TOC
 Water elevation: 244.31 ft (74.47 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 95 gal

Time: 12:55
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 23.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 53	pCi/L	EM
0	Cerium-144	< 141	pCi/L	EM
0	Cesium-134	< 18	pCi/L	EM
0	Cesium-137	< 19	pCi/L	EM
0	Chromium-51	< 278	pCi/L	EM
0	Cobalt-60	< 19	pCi/L	EM
0	Gross alpha	2.4 ± 1.0	pCi/L	EM
0	Iodine-131	< 184	pCi/L	EM
0	Niobium-95	< 28	pCi/L	EM
0	Nonvolatile beta	3.2 ± 1.2	pCi/L	EM
0	Ruthenium-103	< 27	pCi/L	EM
0	Ruthenium-106	< 182	pCi/L	EM
2	Tritium	37 ± 1.4	pCi/mL	EM
0	Zirconium-95	< 40	pCi/L	EM

WELL HR8 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 19.21 ft (5.86 m) below TOC
 Water elevation: 238.29 ft (72.63 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 83 gal

Time: 12:35
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 24.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 47	pCi/L	EM
0	Cerium-144	< 138	pCi/L	EM
0	Cesium-134	< 19	pCi/L	EM
0	Cesium-137	< 19	pCi/L	EM
0	Chromium-51	< 295	pCi/L	EM
0	Cobalt-60	< 17	pCi/L	EM
0	Gross alpha	1.3 ± 0.74	pCi/L	EM
0	Iodine-131	< 174	pCi/L	EM
0	Niobium-95	< 28	pCi/L	EM
1	Nonvolatile beta	12 ± 2.3	pCi/L	EM
0	Ruthenium-103	< 28	pCi/L	EM
0	Ruthenium-106	< 151	pCi/L	EM
2	Tritium	30 ± 1.3	pCi/mL	EM
0	Zirconium-95	< 36	pCi/L	EM

WELL HR8 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 15.53 ft (4.73 m) below TOC
 Water elevation: 237.57 ft (72.41 m) msl
 Sp. conductance: 54 µS/cm
 Water evacuated before sampling: 93 gal

Time: 11:30
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 22.8°C

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	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	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT

WELL HR8 13 collected on 05/01/90, 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	Antimony-125	< 47	pCi/L	EM
0	Cerium-144	< 145	pCi/L	EM
0	Cesium-134	< 19	pCi/L	EM
0	Cesium-137	< 20	pCi/L	EM
0	Chromium-51	< 287	pCi/L	EM
0	Cobalt-60	< 19	pCi/L	EM
0	Gross alpha	3.7 ± 1.3	pCi/L	EM
0	Iodine-131	< 174	pCi/L	EM
0	Niobium-95	< 28	pCi/L	EM
0	Nonvolatile beta	8.2 ± 1.8	pCi/L	EM
0	Ruthenium-103	< 30	pCi/L	EM
0	Ruthenium-106	< 185	pCi/L	EM
2	Tritium	30 ± 1.3	pCi/mL	EM
0	Zirconium-95	< 45	pCi/L	EM

WELL HR8 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 10.01 ft (3.05 m) below TOC
 Water elevation: 243.59 ft (74.25 m) msl
 Sp. conductance: 285 µS/cm
 Water evacuated before sampling: 107 gal

Time: 12:05
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 24.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 50	pCi/L	EM
0	Cerium-144	< 137	pCi/L	EM
0	Cesium-134	< 15	pCi/L	EM
0	Cesium-137	< 20	pCi/L	EM
0	Chromium-51	< 282	pCi/L	EM
0	Cobalt-60	< 18	pCi/L	EM
1	Gross alpha	9.9 ± 2.4	pCi/L	EM
0	Iodine-131	< 185	pCi/L	EM
0	Niobium-95	< 27	pCi/L	EM
0	Nonvolatile beta	9.9 ± 2.2	pCi/L	EM
0	Ruthenium-103	< 27	pCi/L	EM
0	Ruthenium-106	< 170	pCi/L	EM
0	Tritium	8.1 ± 0.79	pCi/mL	EM
0	Zirconium-95	< 39	pCi/L	EM

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/90
 Depth to water: 40.70 ft (12.41 m) below TOC
 Water elevation: 231.30 ft (70.50 m) msl
 Sp. conductance: 43 µS/cm
 Water evacuated before sampling: 49 gal

Time: 11:00
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	MT
0	Specific conductance	48	µS/cm	MT
1	Aluminum	85	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	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	< 3.0	µg/L	MT
0	Calcium	780	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	3,300	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 85 collected on 04/10/90, 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	< 20	µg/L	MT
1	Copper	72	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 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	< 20	µg/L	MT
0	Lead	18	µg/L	MT
0	Magnesium	914	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
1	Nitrate as nitrogen	3,000	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 800	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	5,850	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	4,050	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	1,100	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	Uranium	< 119	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	< 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	1.2 ± 0.30	pCi/L	MT
0	Total radium	1.3 ± 0.40	pCi/L	MT
2	Trillium	30 ± 3.0	pCi/ml	MT

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/90
 Depth to water: 103.65 ft (31.59 m) below TOC
 Water elevation: 189.95 ft (51.80 m) msl
 Sp. conductance: 203 µS/cm
 Water evacuated before sampling: 279 gal

Time: 11:50
 pH: 7.3
 Alkalinity: 71 mg/L
 Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.5	pH	MT
1	pH	7.6	pH	MT
1	Specific conductance	212	µS/cm	MT
1	Specific conductance	212	µS/cm	MT
0	Aluminum	67	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	49	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	< 3.0	µg/L	MT

WELL HSB 65A collected on 04/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Calcium	37,800	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
2	Chromium	117	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 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	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	513	µg/L	MT
0	Iron	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	812	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	< 5.2	µg/L	MT
0	Nitrate as nitrogen	120	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	1,420	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	23,900	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	1,940	µg/L	MT
0	Sulfate	5,700	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	155,000	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	Uranium	< 119	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	5.4 ± 3.2	pCi/L	MT
0	Total radium	1.1 ± 0.30	pCi/L	MT
1	Trillium	10 ± 1.0	pCi/ml	MT

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/90
 Depth to water: 50.10 ft (15.27 m) below TOC
 Water elevation: 223.80 ft (68.15 m) msl
 Sp. conductance: 199 µS/cm
 Water evacuated before sampling: 261 gal

Time: 10:30
 pH: 7.6
 Alkalinity: 79 mg/L
 Water temperature: 19.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.5	pH	MT
1	Specific conductance	210	µS/cm	MT
0	Aluminum	44	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	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

ANALYTICAL RESULTS

WELL HSB 65B collected on 04/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<3.0	µg/L	MT
1	Calcium	38,500	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	<20	µg/L	MT
0	Copper	<5.0	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	<0.0080	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	831	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<800	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,900	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,850	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	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	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	8.8 ± 0.90	pCi/ml	MT
0	Tritium	<1.0	pCi/ml	MT

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/90
 Depth to water: 41.95 ft (12.79 m) below TOC
 Water elevation: 231.65 ft (70.61 m) msl
 Sp. conductance: 50 µS/cm
 Water evacuated before sampling: 62 gal
 Time: 9:40
 pH: 5.2
 Alkalinity: 0 mg/L
 Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	Specific conductance	52	µS/cm	MT
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Aluminum	45	µg/L	MT
0	Aluminum	28	µg/L	GE
0	Aluminum	25	µg/L	GE
0	Antimony	<3.0	µg/L	MT

WELL HSB 65C collected on 04/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	7.1	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,340	µg/L	MT
0	Calcium	1,460	µg/L	GE
0	Calcium	1,410	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,200	µg/L	MT
0	Chloride	3,900	µg/L	GE
0	Chloride	3,900	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
2	Chromium	144	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<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	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	10	µg/L	GE
0	Copper	8.8	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
2	Iron	548	µg/L	MT
0	Iron	<20	µg/L	MT
0	Iron	13	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	2.2	µg/L	MT
0	Lead	4.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	712	µg/L	MT
0	Magnesium	803	µg/L	GE

ANALYTICAL RESULTS

WELL HSB 65C collected on 04/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	588	µg/L	GE
0	Manganese	23	µg/L	MT
0	Manganese	8.3	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	<0.20	µg/L	MT
1	Mercury	0.73	µg/L	GE
1	Mercury	0.73	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	5.8	µg/L	GE
1	Nitrate as nitrogen	3,100	µg/L	MT
0	Nitrate as nitrogen	2,240	µg/L	GE
0	Nitrate as nitrogen	2,220	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<600	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,380	µg/L	GE
0	Silica	5,950	µg/L	GE
0	Silica	6,610	µg/L	MT
U	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,670	µg/L	MT
1	Sodium	6,630	µg/L	GE
1	Sodium	5,500	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	41,000	µg/L	MT
0	Total dissolved solids	51,000	µg/L	GE
0	Total dissolved solids	49,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
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	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	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-1,3-Dichloropropene	<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	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	18	µg/L	MT
0	Zinc	15	µg/L	GE
0	Zinc	14	µg/L	GE
0	1,1-Dichloroethane	<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-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<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	1,1,2-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	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT

WELL HSB 65C collected on 04/10/90, 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	<1.0	µg/L	GE
0	1,2-Dichloroethane	<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-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<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	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	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	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
1	Total radium	2.7 ± 1.2	pCi/L	GE
0	Total radium	1.7 ± 1.1	pCi/L	GE
2	Tritium	22 ± 3.0	pCi/mL	MT
2	Tritium	28 ± 0.80	pCi/mL	GE
2	Tritium	28 ± 0.80	pCi/mL	GE

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/90
 Depth to water: 41.95 ft (12.79 m) below TOC
 Water elevation: 231.65 ft (70.61 m) msl
 Sp. conductance: 50 µS/cm
 Water evacuated before sampling: 62 gal

Time: 9:40
 pH: 5.2
 Alkalinity: 0 mg/L
 Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	52	µS/cm	MT
0	Aluminum	58	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoforn	<5.0	µg/L	MT
0	Bromoforn	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Calcium	1,340	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,300	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroforn	<5.0	µg/L	MT
0	Chloroforn	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
2	Chromium	72	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB 85C collected on 04/10/90, 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	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
2	Iron	409	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	711	µg/L	MT
0	Manganese	20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<5.2	µg/L	MT
1	Nitrate as nitrogen	3,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	5,940	µg/L	GE
0	Silica	6,610	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	5,590	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
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	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Zinc	15	µg/L	MT
0	Zinc	12	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	4.7 ± 2.8	pCi/L	MT
0	Total radium	1.5 ± 0.40	pCi/L	MT
2	Tritium	21 ± 3.0	pCi/ml	MT

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/90
 Depth to water: 54.85 ft (16.72 m) below TOC
 Water elevation: 225.35 ft (68.69 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 72 gal

Time: 10:55
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 20.1 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	Specific conductance	25	µS/cm	MT
0	Aluminum	41	µg/L	MT
0	Antimony	<2.0	µg/L	MT

WELL HSB 66 collected on 04/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<3.0	µg/L	MT
0	Calcium	991	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	<20	µg/L	MT
1	Copper	36	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	<20	µg/L	MT
0	Lead	6.3	µg/L	MT
0	Magnesium	417	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	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,020	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	2,190	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	17,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	819	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	<119	µg/L	MT
0	Zinc	23	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<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	<0.10	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Carbon-14	<10	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	<4.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Curium-242	<0.10	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	4.6 ± 2.0	pCi/L	MT
0	Gross alpha	3.0 ± 1.3	pCi/L	TE
0	Iodine-129	<1.0	pCi/L	TE
0	Iodine-131	<50	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	<7.0	pCi/L	TE
0	Nickel-59	<90	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	7.0 ± 2.8	pCi/L	MT
0	Nonvolatile beta	3.9 ± 1.2	pCi/L	TE

ANALYTICAL RESULTS

WELL HSB 66 collected on 04/02/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.080	pCi/L	TE
0	Plutonium-242	<0.040	pCi/L	TE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<70	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<5.0	pCi/L	TE
0	Ruthenium-106	<30	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	<8.0	pCi/L	TE
0	Thorium-230	<0.010	pCi/L	TE
1	Thorium-230	2.5 ± 0.30	pCi/L	TE
1	Thorium-232	0.20 ± 0.080	pCi/L	TE
0	Total radium	1.0 ± 0.40	pCi/L	MT
0	Tritium	7.8 ± 0.80	pCi/mL	MT
0	Tritium	8.2 ± 1.4	pCi/mL	TE
1	Uranium-234	0.17 ± 0.10	pCi/L	TE
0	Uranium-235	<0.030	pCi/L	TE
1	Uranium-238	0.28 ± 0.13	pCi/L	TE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL HSB 67 collected on 04/09/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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-Dichloroethane	<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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropene	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
U	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	12 ± 3.0	pCi/L	MT
2	Nonvolatile beta	510 ± 80	pCi/L	MT
0	Strontium-89	<20	pCi/L	TE
1	Strontium-90	310 ± 10	pCi/L	TE
1	Total activity	10,300 ± 20	pCi/mL	EM
2	Total radium	8.0 ± 0.80	pCi/L	MT
2	Tritium	8,700 ± 900	pCi/mL	MT

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/80 Time: 9:40
 Depth to water: 13.78 ft (4.20 m) below TOC pH: 4.4
 Water elevation: 224.02 ft (68.28 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 188 µS/cm Water temperature: 16.2°C
 Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.2	pH	MT
1	Specific conductance	200	µS/cm	MT
2	Aluminum	838	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	775	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,300	µg/L	MT
0	Chlorobenzene	<5.0	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	<20	µg/L	MT
0	Copper	20	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	<20	µg/L	MT
0	Lead	3.0	µg/L	MT
0	Magnesium	853	µg/L	MT
2	Manganese	93	µg/L	MT
2	Mercury	5.0	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	17,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,490	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	26,600	µg/L	MT
0	Sulfate	1,600	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	109,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/80 Time: 9:30
 Depth to water: 14.72 ft (4.49 m) below TOC pH: 4.2
 Water elevation: 223.08 ft (68.00 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 248 µS/cm Water temperature: 19.4°C
 Water evacuated before sampling: 58 gal

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/80 Time: 13:45
 Depth to water: Not available pH: 3.7
 Water elevation: Not available Alkalinity: 0 mg/L
 Sp. conductance: 315 µS/cm Water temperature: 20.1°C
 Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.9	pH	MT
1	Specific conductance	277	µS/cm	MT
2	Aluminum	4,590	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	91	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
1	Cadmium	3.8	µg/L	MT
0	Calcium	2,370	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
1	Copper	43	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	39	µg/L	MT
0	Lead	2.6	µg/L	MT
0	Magnesium	856	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 68 collected on 04/04/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Manganese	494	µg/L	MT
2	Mercury	2.0	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	21	µg/L	MT
2	Nitrate as nitrogen	26,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,310	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	26,800	µg/L	MT
0	Sulfate	1,200	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	<1,000	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	Uranium	<119	µg/L	MT
0	Zinc	55	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	5,400 ± 800	pCi/L	MT
1	Total activity	21,000 ± 110	pCi/ml	EM
2	Total radium	14 ± 2.0	pCi/L	MT
2	Tritium	16,000 ± 2,000	pCi/ml	MT

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/80
 Depth to water: 78.95 ft (24.06 m) below TOC
 Water elevation: 170.45 ft (51.95 m) msl
 Sp. conductance: 143 µS/cm
 Water evacuated before sampling: 320 gal

Time: 14:30
 pH: 6.6
 Alkalinity: 35 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	MT
1	Specific conductance	153	µS/cm	MT
0	Aluminum	52	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	30	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	<3.0	µg/L	MT
1	Calcium	23,200	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
2	Chromium	64	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	239	µg/L	MT
0	Iron	<20	µg/L	MT

WELL HSB 68A collected on 04/04/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	<2.0	µg/L	MT
0	Magnesium	488	µg/L	MT
0	Manganese	5.8	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	430	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,310	µg/L	MT
0	Potassium	1,500	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	21,000	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,090	µg/L	MT
0	Sulfate	6,500	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	86,000	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	150	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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
1	Nonvolatile beta	18 ± 4.0	pCi/L	MT
1	Nonvolatile beta	15 ± 3.8	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	88 ± 7.0	pCi/ml	MT

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/80
 Depth to water: 33.21 ft (10.12 m) below TOC
 Water elevation: 216.79 ft (66.08 m) msl
 Sp. conductance: 234 µS/cm
 Water evacuated before sampling: 82 gal
 The well went dry during purging.

Time: 9:15
 pH: 7.2
 Alkalinity: 75 mg/L
 Water temperature: 18.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	MT
1	Specific conductance	241	µS/cm	MT
0	Aluminum	<40	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
1	Calcium	44,800	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
1	Chromium	11	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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

ANALYTICAL RESULTS

WELL HSB 68B collected on 04/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	39	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	904	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 0.2	µg/L	MT
0	Nitrate as nitrogen	280	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	19,800	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	1,890	µg/L	MT
0	Sulfate	2,500	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
1	Total phosphates	2,300	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	< 119	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	8.0 ± 3.9	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	24 ± 3.0	pCi/ml	MT

WELL HSB 68C collected on 04/05/90, 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
1	Iron	215	µg/L	MT
0	Lead	14	µg/L	MT
0	Magnesium	1,050	µg/L	MT
1	Manganese	42	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 0.2	µg/L	MT
1	Nitrate as nitrogen	8,400	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	9,150	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	12,800	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	89,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	8.2	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	< 119	µg/L	MT
0	Zinc	139	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	18 ± 4.0	pCi/L	MT
1	Total activity	1,430 ± 0.7	pCi/ml	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	1,300 ± 200	pCi/ml	MT
2	Tritium	1,300 ± 200	pCi/ml	MT

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/90
 Depth to water: 32.45 ft (9.89 m) below TOC
 Water elevation: 217.85 ft (66.34 m) msl
 Sp. conductance: 107 µS/cm
 Water evacuated before sampling: 13 gal
 The well went dry during purging.

Time: 9:00
 pH: 5.5
 Alkalinity: 3 mg/L
 Water temperature: 15.8 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
1	Specific conductance	109	µS/cm	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	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
1	Cadmium	3.8	µg/L	MT
0	Calcium	4,500	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	3,400	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
1	Copper	224	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	< 0.0000	µg/L	MT

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/90
 Depth to water: 16.24 ft (4.95 m) below TOC
 Water elevation: 219.78 ft (66.98 m) msl
 Sp. conductance: 336 µS/cm
 Water evacuated before sampling: 54 gal

Time: 12:55
 pH: 3.8
 Alkalinity: 0 mg/L
 Water temperature: 21.0 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.7	pH	MT
1	pH	3.7	pH	MT
1	Specific conductance	331	µS/cm	MT
1	Specific conductance	331	µS/cm	MT
2	Aluminum	8,370	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
1	Barium	181	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
1	Cadmium	3.8	µg/L	MT
0	Calcium	8,980	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	1,800	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
1	Cobalt	23	µg/L	MT
0	Copper	13	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 69 collected on 04/05/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cyanide	< 8.0	µg/L	MT
0	Dibromochloromethane	< 8.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 8.0	µg/L	MT
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 8.0	µg/L	MT
0	Fluoride	470	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	J 0.0050	µg/L	MT
0	Iron	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	3,110	µg/L	MT
2	Manganese	828	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
1	Nickel	38	µg/L	MT
2	Nitrate as nitrogen	33,800	µg/L	MT
0	Phenols	< 8.0	µg/L	MT
0	Potassium	1,800	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	10,400	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	15,800	µg/L	MT
0	Sulfate	1,300	µg/L	MT
0	Tetrachloroethylene	< 8.0	µg/L	MT
0	Toluene	< 8.0	µg/L	MT
0	Total dissolved solids	388,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 8.0	µg/L	MT
0	Total phosphates	< 10	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
0	trans-1,2-Dichloroethane	< 8.0	µg/L	MT
0	trans-1,3-Dichloropropane	< 8.0	µg/L	MT
0	Trichloroethylene	< 8.0	µg/L	MT
0	Trichlorofluoromethane	< 8.0	µg/L	MT
0	Uranium	< 118	µg/L	MT
0	Zinc	111	µg/L	MT
0	1,1-Dichloroethane	< 8.0	µg/L	MT
0	1,1-Dichloroethylene	< 8.0	µg/L	MT
0	1,1,1-Trichloroethane	< 8.0	µg/L	MT
0	1,1,2-Trichloroethane	< 8.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 8.0	µg/L	MT
0	1,2-Dichloroethane	< 8.0	µg/L	MT
0	1,2-Dichloropropane	< 8.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 8.0	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.48	µg/L	MT
0	7,4,5-Tr (Silvex)	< 0.070	µg/L	MT
1	Americium-241	9.8 ± 1.8	pCi/L	TE
1	Americium-241	9.5 ± 1.4	pCi/L	TE
1	Americium-243	4.2 ± 1.1	pCi/L	TE
1	Americium-243	5.1 ± 1.0	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 80	pCi/L	TE
1	Carbon-14	130 ± 20	pCi/L	TE
1	Carbon-14	180 ± 20	pCi/L	TE
0	Cerium-141	< 10	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE
0	Cerium-144	< 30	pCi/L	TE
0	Cerium-144	< 40	pCi/L	TE
0	Cesium-134	< 8.0	pCi/L	TE
0	Cesium-134	< 7.0	pCi/L	TE
0	Cesium-137	< 8.0	pCi/L	TE
0	Cesium-137	< 8.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
2	Cobalt-60	757 ± 40	pCi/L	TE
2	Cobalt-60	362 ± 40	pCi/L	TE
1	Curium-242	0.56 ± 0.34	pCi/L	TE
1	Curium-242	0.37 ± 0.20	pCi/L	TE
0	Curium-243/244	< 0.40	pCi/L	TE
0	Curium-243/244	< 0.40	pCi/L	TE
1	Curium-248	5.9 ± 1.3	pCi/L	TE
1	Curium-248	3.8 ± 0.80	pCi/L	TE
2	Gross alpha	28 ± 5.0	pCi/L	MT
2	Gross alpha	30 ± 8.0	pCi/L	TE
2	Gross alpha	25 ± 5.0	pCi/L	TE
1	Iodine-129	7.2 ± 3.4	pCi/L	TE
1	Iodine-129	11 ± 3.0	pCi/L	TE
0	Iodine-131	< 8.0	pCi/L	TE
0	Iodine-131	< 80	pCi/L	TE
1	Iron-55	820 ± 40	pCi/L	TE
1	Iron-55	550 ± 30	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 8.0	pCi/L	TE
0	Manganese-54	< 8.0	pCi/L	TE
0	Neptunium-237	< 8.0	pCi/L	TE
0	Neptunium-237	< 10	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE

WELL HSB 69 collected on 04/05/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel-69	< 80	pCi/L	TE
1	Nickel-63	340 ± 10	pCi/L	TE
1	Nickel-63	270 ± 10	pCi/L	TE
2	Nonvolatile beta	7,100 ± 800	pCi/L	MT
2	Nonvolatile beta	400 ± 10	pCi/L	TE
2	Nonvolatile beta	8,500 ± 200	pCi/L	TE
1	Plutonium-238	4.0 ± 0.81	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.080	pCi/L	TE
0	Plutonium-239/240	< 0.080	pCi/L	TE
0	Plutonium-242	< 0.080	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Potassium-40	< 80	pCi/L	TE
0	Radium-226	< 70	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
1	Radium-226	19 ± 2.0	pCi/L	TE
1	Radium-226	19 ± 2.0	pCi/L	TE
0	Radium-228	< 2.0	pCi/L	TE
0	Radium-228	< 2.0	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-108	< 40	pCi/L	TE
0	Ruthenium-108	< 80	pCi/L	TE
0	Strontium-89	< 80	pCi/L	TE
0	Strontium-89	< 80	pCi/L	TE
1	Strontium-90	4,900 ± 100	pCi/L	TE
1	Strontium-90	4,800 ± 100	pCi/L	TE
1	Technetium-99	82 ± 8.0	pCi/L	TE
1	Technetium-99	34 ± 5.0	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE
1	Thorium-228	98 ± 4.0	pCi/L	TE
1	Thorium-228	78 ± 3.0	pCi/L	TE
1	Thorium-230	120 ± 10	pCi/L	TE
1	Thorium-230	130 ± 10	pCi/L	TE
1	Thorium-232	8.8 ± 1.2	pCi/L	TE
1	Thorium-232	7.7 ± 0.80	pCi/L	TE
1	Total activity	10,200 ± 70	pCi/ml	EM
2	Total radium	35 ± 4.0	pCi/L	MT
2	Tritium	8,900 ± 700	pCi/mL	MT
2	Tritium	10,000 ± 1,000	pCi/mL	TE
2	Tritium	10,000 ± 1,000	pCi/mL	TE
1	Uranium-234	0.84 ± 0.22	pCi/L	TE
1	Uranium-234	0.83 ± 0.33	pCi/L	TE
0	Uranium-235	< 0.030	pCi/L	TE
0	Uranium-235	< 0.070	pCi/L	TE
1	Uranium-238	0.81 ± 0.18	pCi/L	TE
1	Uranium-238	0.49 ± 0.28	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zinc-65	< 20	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/80 Time: 9:50
 Depth to water: 17.25 ft (5.28 m) below TOC
 Water elevation: 218.75 ft (68.88 m) msl
 Inaccessibility or pump failure prevented sample collection.

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00 Time: 15:15
 Depth to water: 85.89 ft (26.11 m) below TOC pH: 8.8
 Water elevation: 170.81 ft (52.00 m) msl Alkalinity: 57 mg/L
 Sp. conductance: 174 µS/cm Water temperature: 19.8°C
 Water evacuated before sampling. 242 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.9	pH	MT
1	Specific conductance	173	µS/cm	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	29	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 66A collected on 04/05/90, 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	< 3.0	µg/L	MT
1	Calcium	30,100	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 5.0	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	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	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	801	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	< 5.2	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	1,180	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	27,100	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	2,250	µg/L	MT
0	Sulfate	7,300	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 phosphates	181	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	< 119	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	1.2 ± 0.40	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL HSB 70 collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Arsenic	< 2.0	µg/L	MT
1	Barium	52	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	< 3.0	µg/L	MT
0	Calcium	3,280	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	18	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
2	Copper	1,400	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	88	µg/L	MT
2	Lead	92	µg/L	MT
0	Magnesium	1,280	µg/L	MT
0	Manganese	12	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
1	Nickel	19	µg/L	MT
0	Nitrate as nitrogen	2,000	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	5,830	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	3,770	µg/L	MT
0	Sulfate	4,000	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	< 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	< 119	µg/L	MT
0	Zinc	224	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	12 ± 4.0	pCi/L	MT
1	Total activity	1,050 ± 7.0	pCi/mL	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	840 ± 90	pCi/mL	MT

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 19.22 ft (5.88 m) below TOC
 Water elevation: 223.58 ft (68.15 m) msl
 Sp. conductance: 63 µS/cm
 Water evacuated before sampling: 46 gal

Time: 11:50
 pH: 4.9
 Alkalinity: 6 mg/L
 Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	58	µS/cm	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90
 Depth to water: 20.84 ft (6.35 m) below TOC
 Water elevation: 222.26 ft (67.75 m) msl
 Sp. conductance: 630 µS/cm
 Water evacuated before sampling: 27 gal
 The well went dry during purging.

Time: 10:00
 pH: 11.5
 Alkalinity: 84 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	MT
1	Specific conductance	585	µS/cm	MT
2	Aluminum	461	µg/L	MT
0	Antimony	< 3.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 70C collected on 05/08/90, Laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Arsenic	< 2.0	µg/L	MT
1	Barium	108	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	< 3.0	µg/L	MT
1	Calcium	33,800	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	3,500	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	< 20	µg/L	MT
0	Copper	< 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	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	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	161	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
2	Nitrate as nitrogen	14,800	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
1	Potassium	6,320	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	9,190	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	21,000	µg/L	MT
0	Sulfate	3,900	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	1,600	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-Dichloroethane	< 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	< 119	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	< 5.0	pCi/L	MT
2	Nonvolatile beta	61 ± 7.0	pCi/L	MT
1	Total activity	2,220 ± 10	pCi/ml	EM
0	Total radium	1.2 ± 0.30	pCi/L	MT
0	Total radium	1.3 ± 0.20	pCi/L	MT
2	Tritium	1,900 ± 200	pCi/ml	MT

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 19.02 ft (5.80 m) below TOC
 Water elevation: 222.38 ft (67.70 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 49 gal

Time: 15:15
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 10.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
0	Specific conductance	46	µS/cm	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
1	Arsenic	2.0	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	< 3.0	µg/L	MT
0	Calcium	363	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	3,100	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
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
1	Copper	165	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	7.3	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	26	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	408	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
0	Nitrate as nitrogen	830	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	5,080	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	3,290	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	18,000	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-Dichloroethane	< 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	< 119	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	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
1	Total activity	108 ± 2.6	pCi/ml	EM
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	91 ± 10	pCi/ml	MT

ANALYTICAL RESULTS

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90
 Depth to water: 20.76 ft (6.33 m) below TOC
 Water elevation: 220.84 ft (67.31 m) msl
 Sp. conductance: 875 µS/cm
 Water evacuated before sampling: 22 gal
 The well went dry during purging.

Time: 11:05
 pH: 11.2
 Alkalinity: 92 mg/L
 Water temperature: 19.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	MT
2	pH	11	pH	MT
1	Specific conductance	917	µS/cm	MT
0	Specific conductance	815	µS/cm	MT
0	Aluminum	41	µg/L	MT
0	Antimony	<3.0	µg/L	MT
1	Arsenic	2.8	µg/L	MT
1	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	<3.0	µg/L	MT
1	Calcium	38,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,500	µg/L	MT
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	<20	µg/L	MT
0	Copper	<5.0	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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,370	µg/L	MT
0	Manganese	<5.0	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	<5.2	µg/L	MT
2	Nitrate as nitrogen	58,700	µg/L	MT
2	Nitrate as nitrogen	58,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	8,560	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	4,630	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	83,100	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	372,000	µg/L	MT
0	Total organic carbon	1,900	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	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	3.2±2.1	pCi/L	MT
2	Nonvolatile beta	250±30	pCi/L	MT

WELL HSB 71C collected on 05/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total activity	9,180±70	pCi/mL	EM
2	Total radium	5.0±0.50	pCi/L	MT
2	Tritium	8,300±900	pCi/mL	MT
2	Tritium	8,200±900	pCi/mL	MT

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/90
 Depth to water: 85.53 ft (19.97 m) below TOC
 Water elevation: 171.77 ft (52.36 m) msl
 Sp. conductance: 188 µS/cm
 Water evacuated before sampling: 277 gal

Time: 10:35
 pH: 7.1
 Alkalinity: 79 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.0	pH	MT
1	Specific conductance	211	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
1	Calcium	32,800	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	741	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
1	Phenols	7.0	µg/L	MT
0	Potassium	1,100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	24,200	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,690	µg/L	MT
0	Sulfate	5,900	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	110,000	µg/L	MT
0	Total organic carbon	2,800	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	47	µg/L	MT
0	Total phosphates	35	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 83A collected on 04/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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 HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/90
 Depth to water: 14.80 ft (4.51 m) below TOC
 Water elevation: 222.20 ft (67.73 m) msl
 Sp. conductance: 119 µS/cm
 Water evacuated before sampling: 283 gal

Time: 10:15
 pH: 6.7
 Alkalinity: 40 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	MT
1	Specific conductance	128	µS/cm	MT
0	Aluminum	48	µg/L	MT
0	Antimony	<3.0	µg/L	MT
1	Arsenic	2.7	µg/L	MT
0	Barium	39	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	<3.0	µg/L	MT
1	Calcium	17,900	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
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	561	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
1	Phenols	7.1	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	24,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,490	µg/L	MT
0	Sulfate	1,700	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	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
1	Total phosphates	442	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 HSB 83B collected on 04/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	5.9±0.80	pCi/mL	MT

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/90
 Depth to water: 13.05 ft (3.98 m) below TOC
 Water elevation: 224.05 ft (68.29 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 186 gal

Time: 10:55
 pH: 5.8
 Alkalinity: 2 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	28	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	1,160	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
0	Cobalt	<20	µg/L	MT
0	Copper	12	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	458	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	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	638	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,900	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,850	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	16,000	µg/L	MT
0	Total organic carbon	1,100	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	73	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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

ANALYTICAL RESULTS

WELL HSB 83C collected on 04/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	5.3±3.1	pCl/L	MT
0	Total radium	<1.0	pCl/L	MT
0	Tritium	<1.0	pCl/mL	MT

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/90
 Depth to water: 12.13 ft (3.70 m) below TOC
 Water elevation: 224.87 ft (68.54 m) msl
 Sp. conductance: 133 µS/cm
 Water evacuated before sampling: 68 gal

Time: 9:05
 pH: 5.3
 Alkalinity: 2 mg/L
 Water temperature: 16.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	pH	5.0	pH	MT
1	Specific conductance	153	µS/cm	MT
1	Specific conductance	152	µS/cm	MT
0	Aluminum	46	µg/L	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	47	µg/L	MT
0	Barium	47	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	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	3,250	µg/L	MT
0	Calcium	3,260	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,000	µg/L	MT
0	Chloride	3,000	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	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,760	µg/L	MT
0	Magnesium	1,760	µg/L	MT
2	Manganese	282	µg/L	MT
2	Manganese	282	µg/L	MT
1	Mercury	0.52	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	13,700	µg/L	MT
2	Nitrate as nitrogen	13,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	3,010	µg/L	MT
0	Silica	6,630	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	24,100	µg/L	MT
1	Sodium	24,100	µg/L	MT
0	Sulfate	2,900	µg/L	MT
0	Sulfate	2,900	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	107,000	µg/L	MT

WELL HSB 83D collected on 04/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	110,000	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	25	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	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Zinc	13	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	<4.0	pCl/L	MT
2	Nonvolatile beta	51±6.0	pCl/L	MT
1	Total activity	4,730±20	pCl/mL	EM
0	Total radium	1.8±0.50	pCl/L	MT
2	Tritium	6,100±700	pCl/mL	MT

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/90
 Depth to water: 58.18 ft (17.73 m) below TOC
 Water elevation: 170.52 ft (51.98 m) msl
 Sp. conductance: 100 µS/cm
 Water evacuated before sampling: 276 gal

Time: 11:25
 pH: 6.5
 Alkalinity: 22 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	MT
0	Specific conductance	94	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
1	Arsenic	3.5	µg/L	MT
0	Barium	30	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	<3.0	µg/L	MT
1	Calcium	15,100	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	819	µg/L	MT
2	Manganese	58	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	130	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	941	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	20,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	2,080	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 84A collected on 04/05/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	7,400	µg/L	MT
0	Tetrachloroethylene	<5.0	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	189	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	1.5 ± 0.50	pCi/L	TE
1	Americium-243	0.66 ± 0.29	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Carbon-14	<10	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	<6.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
1	Curium-242	0.39 ± 0.24	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
1	Curium-246	0.63 ± 0.31	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	2.8 ± 1.3	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<70	pCi/L	TE
1	Iron-55	770 ± 40	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	Nickel-59	<100	pCi/L	TE
1	Nickel-63	14 ± 6.0	pCi/L	TE
2	Nonvolatile beta	1,100 ± 200	pCi/L	MT
2	Nonvolatile beta	1,600 ± 100	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.070	pCi/L	TE
0	Plutonium-242	<0.050	pCi/L	TE
0	Potassium-40	<60	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	1.4 ± 0.50	pCi/L	TE
1	Radium-228	7.0 ± 2.1	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<20	pCi/L	TE
1	Strontium-90	610 ± 10	pCi/L	TE
0	Technetium-99	<4.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<0.030	pCi/L	TE
1	Thorium-230	0.68 ± 0.16	pCi/L	TE
1	Thorium-232	0.31 ± 0.11	pCi/L	TE
1	Total activity	103 ± 2.6	pCi/mL	EM
1	Total radium	3.0 ± 0.60	pCi/L	MT
2	Tritium	83 ± 9.0	pCi/mL	MT
2	Tritium	99 ± 3.0	pCi/mL	TE
0	Uranium-234	<0.10	pCi/L	TE
0	Uranium-235	<0.060	pCi/L	TE
0	Uranium-238	<0.060	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/90
 Depth to water: 18.33 ft (5.59 m) below TOC
 Water elevation: 210.57 ft (64.18 m) msl
 Sp. conductance: 192 µS/cm
 Water evacuated before sampling: 231 gal

Time: 12:20
 pH: 7.1
 Alkalinity: 63 mg/L
 Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	MT
1	Specific conductance	165	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	53	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	<3.0	µg/L	MT
1	Calcium	33,500	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
2	Chromium	104	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	343	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	629	µg/L	MT
0	Manganese	8.2	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	310	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,200	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	38,600	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,410	µg/L	MT
0	Sulfate	4,100	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	135,000	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	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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
1	Total activity	95 ± 2.5	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	83 ± 9.0	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/90
 Depth to water: 15.03 ft (4.58 m) below TOC
 Water elevation: 214.07 ft (65.25 m) msl
 Sp. conductance: 102 µS/cm
 Water evacuated before sampling: 16 gal
 The well went dry during purging.

Time: 0:55
 pH: 6.8
 Alkalinity: 20 mg/L
 Water temperature: 18.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.5	pH	MT
0	Specific conductance	90	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	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
1	Cadmium	4.4	µg/L	MT
1	Calcium	11,200	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	140	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	852	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,010	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,840	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,490	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	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	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	Uranium	<119	µg/L	MT
0	Zinc	39	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	6.8 ± 3.6	pCi/L	MT
1	Total activity	315 ± 4.2	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: 04/05/90
 Depth to water: 8.89 ft (2.82 m) below TOC
 Water elevation: 219.21 ft (66.82 m) msl
 Sp. conductance: 141 µS/cm
 Water evacuated before sampling: 51 gal

Time: 11:50
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
1	Specific conductance	138	µS/cm	MT
2	Aluminum	1,810	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	<3.0	µg/L	MT
0	Calcium	2,440	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	<20	µg/L	MT
0	Copper	<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	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	54	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	729	µg/L	MT
2	Manganese	190	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	4.8	µg/L	MT
0	Nickel	7.5	µg/L	MT
2	Nitrate as nitrogen	14,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	811	µg/L	MT
0	Potassium	1,070	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,900	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	10,400	µg/L	MT
0	Sulfate	1,800	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	<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	<119	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
1	Gross alpha	9.4 ± 3.1	pCi/L	MT
2	Nonvolatile beta	2,500 ± 300	pCi/L	MT
1	Total activity	2,340 ± 10	pCi/mL	EM
2	Total radium	12 ± 2.0	pCi/L	MT
2	Tritium	2,300 ± 300	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/90
 Depth to water: 126.79 ft (38.65 m) below TOC
 Water elevation: 167.61 ft (51.09 m) msl
 Sp. conductance: 178 µS/cm
 Water evacuated before sampling: 277 gal

Time: 12:15
 pH: 6.9
 Alkalinity: 74 mg/L
 Water temperature: 20.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	MT
1	Specific conductance	187	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	32	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	<3.0	µg/L	MT
1	Calcium	32,300	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	<20	µg/L	MT
0	Copper	12	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	822	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<5.2	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	Potassium	1,490	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	26,100	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,700	µg/L	MT
0	Sulfate	6,500	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	80	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<20	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<9.0	pCi/L	TE
0	Cerium-144	<20	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE

WELL HSB 85A collected on 04/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<0.20	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<30	pCi/L	TE
0	Iron-55	<60	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	<4.0	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	<0.040	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	<5.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<0.80	pCi/L	TE
0	Technetium-99	<3.0	pCi/L	TE
0	Thorium-228	<6.0	pCi/L	TE
0	Thorium-228	<0.020	pCi/L	TE
1	Thorium-230	9.7 ± 0.60	pCi/L	TE
1	Thorium-232	0.41 ± 0.11	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	<2.0	pCi/L	TE
0	Uranium-235	<2.0	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 HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90
 Depth to water: 62.42 ft (19.03 m) below TOC
 Water elevation: 232.08 ft (70.74 m) msl
 Sp. conductance: 661 µS/cm
 Water evacuated before sampling: 50 gal
 The well went dry during purging.

Time: 9:25
 pH: 11.3
 Alkalinity: 144 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	MT
1	Specific conductance	601	µS/cm	MT
2	Aluminum	1,880	µg/L	MT
2	Aluminum	1,950	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	54	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	<3.0	µg/L	MT
1	Calcium	41,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,800	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	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	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 85B collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	38	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	64	µg/L	MT
0	Magnesium	69	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	5,890	µg/L	MT
1	Potassium	5,890	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,900	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	11,400	µg/L	MT
0	Sulfate	4,900	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	178,000	µg/L	MT
0	Total organic carbon	2,000	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	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	0.75 ± 0.22	pCi/L	TE
1	Americium-241	0.37 ± 0.23	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Americium-243	<0.30	pCi/L	TE
0	Barium-140	<100	pCi/L	TE
0	Barium-140	<100	pCi/L	TE
0	Beryllium-7	<90	pCi/L	TE
0	Beryllium-7	<70	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<30	pCi/L	TE
0	Cerium-144	<20	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	<8.0	pCi/L	TE
0	Cobalt-58	<7.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-242	<0.40	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
1	Curium-243/244	1.4 ± 0.30	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
1	Curium-246	0.45 ± 0.23	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	0.95 ± 0.90	pCi/L	TE
0	Gross alpha	1.2 ± 1.0	pCi/L	TE
0	Iodine-129	<4.0	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<1,000	pCi/L	TE
0	Iodine-131	<800	pCi/L	TE
0	Iron-55	<40	pCi/L	TE
0	Iron-55	<40	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	<8.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE

WELL HSB 85B collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	8.1 ± 3.3	pCi/L	MT
0	Nonvolatile beta	2.1 ± 1.1	pCi/L	TE
0	Nonvolatile beta	2.5 ± 1.2	pCi/L	TE
0	Plutonium-238	<2.0	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<2.0	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<2.0	pCi/L	TE
0	Plutonium-242	<0.10	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Radium-228	<80	pCi/L	TE
0	Radium-228	<80	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Strontium-90	<1.0	pCi/L	TE
0	Technetium-99	<5.0	pCi/L	TE
0	Technetium-99	<3.0	pCi/L	TE
1	Thorium-228	110 ± 10	pCi/L	TE
1	Thorium-228	100 ± 10	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
1	Thorium-230	23 ± 1.0	pCi/L	TE
1	Thorium-230	24 ± 1.0	pCi/L	TE
1	Thorium-232	1.5 ± 0.30	pCi/L	TE
1	Thorium-232	1.1 ± 0.30	pCi/L	TE
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.0 ± 0.10	pCi/mL	MT
0	Tritium	<2.0	pCi/mL	TE
0	Tritium	<2.0	pCi/mL	TE
1	Uranium-234	0.73 ± 0.29	pCi/L	TE
1	Uranium-234	1.7 ± 0.50	pCi/L	TE
0	Uranium-235	<0.050	pCi/L	TE
0	Uranium-235	<0.20	pCi/L	TE
1	Uranium-238	0.14 ± 0.13	pCi/L	TE
0	Uranium-238	<0.30	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<9.0	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/90
 Depth to water: 58.67 ft (17.27 m) below TOC
 Water elevation: 237.43 ft (72.37 m) msl
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 60 gal
 Time: 11:10
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	30	µS/cm	MT
0	Aluminum	48	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	253	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,900	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	<20	µg/L	MT
1	Copper	27	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 85C collected on 04/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	118	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<800	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,180	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,580	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	43,000	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	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<0.10	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Carbon-14	<20	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	<8.0	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	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	0.97 ± 0.78	pCi/L	TE
0	Iodine-129	<3.0	pCi/L	TE
0	Iodine-131	<80	pCi/L	TE
1	Iron-55	170 ± 30	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	6.1 ± 3.2	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	TE
0	Plutonium-238	<0.070	pCi/L	TE
0	Plutonium-239/240	<0.060	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	<1.0	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<4.0	pCi/L	TE
1	Strontium-90	3.1 ± 0.90	pCi/L	TE
1	Technetium-99	3.4 ± 2.5	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<0.020	pCi/L	TE
1	Thorium-230	1.1 ± 0.30	pCi/L	TE
1	Thorium-232	0.18 ± 0.080	pCi/L	TE
0	Total radium	1.2 ± 0.40	pCi/L	MT
0	Tritium	2.1 ± 0.30	pCi/mL	MT

WELL HSB 85C collected on 04/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tritium	<2.0	pCi/mL	TE
1	Uranium-234	8.3 ± 1.0	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	<8.0	pCi/L	TE

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 95.07 ft (28.98 m) below TOC
 Water elevation: 167.33 ft (51.00 m) msl
 Sp. conductance: 139 µS/cm
 Water evacuated before sampling: 271 gal

Time: 12:50
 pH: 6.8
 Alkalinity: 27 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
1	Specific conductance	143	µS/cm	MT
0	Aluminum	73	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	<3.0	µg/L	MT
1	Calcium	20,700	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
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	728	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	804	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	26,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sulfate	1,550	µg/L	MT
1	Sulfate	10,800	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	106,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	9.7	µg/L	MT
0	Total phosphates	208	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 86A collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.30	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<30	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	<40	pCi/L	TE
0	Cesium-134	<5.0	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	<0.20	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<70	pCi/L	TE
1	Iron-55	250 ± 30	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	Nickel-59	<90	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	1.7 ± 1.1	pCi/L	TE
0	Plutonium-238	<0.080	pCi/L	TE
0	Plutonium-239/240	<0.080	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-228	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<0.80	pCi/L	TE
0	Technetium-99	<5.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	22 ± 1.0	pCi/L	TE
1	Thorium-230	79 ± 2.0	pCi/L	TE
1	Thorium-232	0.39 ± 0.14	pCi/L	TE
0	Total radium	1.4 ± 0.50	pCi/L	MT
0	Tritium	1.9 ± 0.20	pCi/mL	MT
0	Tritium	<2.0	pCi/mL	TE
0	Uranium-234	<0.090	pCi/L	TE
0	Uranium-235	<0.050	pCi/L	TE
0	Uranium-238	<0.050	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 40.35 ft (12.30 m) below TOC
 Water elevation: 221.55 ft (67.53 m) msl
 Sp. conductance: 215 µS/cm
 Water evacuated before sampling: 280 gal

Time: 12:35
 pH: 6.9
 Alkalinity: 71 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.3	pH	MT
1	Specific conductance	233	µS/cm	MT
1	Aluminum	91	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	40	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	<3.0	µg/L	MT
1	Calcium	40,400	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	8.4	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT

WELL HSB 86B collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	884	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	37,100	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	2,080	µg/L	MT
0	Sulfate	3,200	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
1	Total organic halogens	13	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
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	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	<0.20	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
0	Carbon-14	<10	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-137	<5.0	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
1	Curium-243/244	0.48 ± 0.30	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<60	pCi/L	TE
1	Iron-55	280 ± 30	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	2.2 ± 1.2	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.080	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-228	<1.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<0.70	pCi/L	TE
0	Technetium-99	<6.0	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
1	Thorium-228	5.9 ± 0.50	pCi/L	TE
1	Thorium-230	40 ± 1.0	pCi/L	TE
1	Thorium-232	0.27 ± 0.10	pCi/L	TE

ANALYTICAL RESULTS

WELL HSB 86B collected on 04/03/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total radium	< 1.0	pCi/L	MT
0	Trillium	< 1.0	pCi/mL	MT
0	Trillium	< 2.0	pCi/mL	TE
1	Uranium-234	0.21 ± 0.11	pCi/L	TE
0	Uranium-235	< 0.030	pCi/L	TE
0	Uranium-238	< 0.020	pCi/L	TE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 38.91 ft (11.86 m) below TOC
 Water elevation: 223.39 ft (68.27 m) msl
 Sp. conductance: 399 µS/cm
 Water evacuated before sampling: 90 gal

Time: 10:50
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 19.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
1	Specific conductance	342	µS/cm	MT
2	Aluminum	450	µg/L	MT
0	Antimony	< 3.0	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
2	Cadmium	28	µg/L	MT
0	Calcium	7,890	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	2,300	µg/L	MT
0	Chlorobenzene	< 5.0	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	113	µg/L	MT
0	Copper	< 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	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	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	4,980	µg/L	MT
2	Manganese	8,570	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
1	Nickel	174	µg/L	MT
2	Nitrate as nitrogen	45,400	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	3,120	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	15,700	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	38,800	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	247,000	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	Uranium	< 119	µg/L	MT
0	Zinc	61	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT

WELL HSB 86D collected on 04/04/00, 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	< 0.48	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
1	Amerlicium-241	2.6 ± 0.80	pCi/L	TE
1	Amerlicium-243	4.1 ± 1.1	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 40	pCi/L	TE
1	Carbon-14	200 ± 10	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	< 5.0	pCi/L	TE
2	Cobalt-60	220 ± 20	pCi/L	TE
0	Curium-242	< 0.10	pCi/L	TE
0	Curium-243/244	< 0.20	pCi/L	TE
1	Curium-248	7.0 ± 1.4	pCi/L	TE
2	Gross alpha	17 ± 4.0	pCi/L	MT
1	Gross alpha	7.0 ± 2.5	pCi/L	TE
1	Iodine-129	2.1 ± 0.80	pCi/L	TE
0	Iodine-131	< 50	pCi/L	TE
1	Iron-55	280 ± 20	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	Nickel-59	< 80	pCi/L	TE
1	Nickel-63	370 ± 10	pCi/L	TE
2	Nonvolatile beta	280 ± 30	pCi/L	MT
2	Nonvolatile beta	240 ± 10	pCi/L	TE
0	Plutonium-238	< 0.20	pCi/L	TE
0	Plutonium-239/240	< 0.070	pCi/L	TE
1	Plutonium-242	0.078 ± 0.059	pCi/L	TE
0	Potassium-40	< 50	pCi/L	TE
0	Radium-226	< 70	pCi/L	TE
1	Radium-228	9.2 ± 0.80	pCi/L	TE
1	Radium-228	4.5 ± 2.6	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Strontium-89	< 3.0	pCi/L	TE
1	Strontium-90	3.0 ± 1.1	pCi/L	TE
1	Technetium-99	150 ± 10	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE
1	Thorium-228	72 ± 2.0	pCi/L	TE
1	Thorium-230	110 ± 10	pCi/L	TE
1	Thorium-232	7.9 ± 0.60	pCi/L	TE
1	Total activity	15,800 ± 80	pCi/mL	EM
2	Total radium	20 ± 2.0	pCi/mL	MT
2	Trillium	13,000 ± 2,000	pCi/mL	MT
2	Trillium	17,000 ± 1,000	pCi/mL	TE
1	Uranium-234	0.51 ± 0.28	pCi/L	TE
0	Uranium-235	< 0.070	pCi/L	TE
1	Uranium-238	0.28 ± 0.19	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 38.85 ft (11.84 m) below TOC
 Water elevation: 224.15 ft (68.32 m) msl
 Sp. conductance: 348 µS/cm
 Water evacuated before sampling: 48 gal

Time: 10:15
 pH: 3.7
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.7	pH	MT
1	Specific conductance	361	µS/cm	MT
2	Aluminum	8,310	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
1	Barium	97	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
1	Cadmium	3.3	µg/L	MT
0	Calcium	4,030	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	1,800	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
0	Chloroform	< 5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB 86D collected on 04/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chromium	< 8.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 8.0	µg/L	MT
1	Cobalt	23	µg/L	MT
0	Copper	10	µg/L	MT
0	Cyanide	< 8.0	µg/L	MT
0	Dibromochloromethane	< 8.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 8.0	µg/L	MT
0	Endrin	< 0.0080	µg/L	MT
0	Ethylbenzene	< 8.0	µg/L	MT
1	Fluoride	520	µg/L	MT
0	gamma-Benzone hexachloride (Lindane)	0.0070	µg/L	MT
0	Iron	35	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	1,280	µg/L	MT
2	Manganese	794	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	24	µg/L	MT
2	Nitrate as nitrogen	36,500	µg/L	MT
0	Phenols	< 8.0	µg/L	MT
0	Potassium	1,800	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	26,200	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	20,800	µg/L	MT
0	Sulfate	1,200	µg/L	MT
0	Tetrachloroethylene	< 8.0	µg/L	MT
0	Toluene	< 8.0	µg/L	MT
0	Total dissolved solids	482,000	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	< 8.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 8.0	µg/L	MT
0	Trichloroethylene	< 8.0	µg/L	MT
0	Trichlorofluoromethane	< 8.0	µg/L	MT
0	Uranium	< 119	µg/L	MT
0	Zinc	114	µg/L	MT
0	1,1-Dichloroethane	< 8.0	µg/L	MT
0	1,1-Dichloroethylene	< 8.0	µg/L	MT
0	1,1,1-Trichloroethane	< 8.0	µg/L	MT
0	1,1,2-Trichloroethane	< 8.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 8.0	µg/L	MT
0	1,2-Dichloroethane	< 8.0	µg/L	MT
0	1,2-Dichloropropane	< 8.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 8.0	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	Americium-241	2.5 ± 0.90	pCi/L	TE
1	Americium-243	0.74 ± 0.51	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 50	pCi/L	TE
1	Carbon-14	110 ± 10	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	< 5.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
2	Cobalt-60	194 ± 20	pCi/L	TE
0	Curium-242	< 0.20	pCi/L	TE
0	Curium-243/244	< 0.50	pCi/L	TE
1	Curium-246	0.57 ± 0.53	pCi/L	TE
2	Gross alpha	40 ± 8.0	pCi/L	MT
2	Gross alpha	40 ± 8.0	pCi/L	TE
1	Iodine-129	9.4 ± 1.9	pCi/L	TE
0	Iodine-131	< 80	pCi/L	TE
1	Iron-55	290 ± 30	pCi/L	TE
0	Iron-59	< 20	pCi/L	TE
0	Manganese-54	< 5.0	pCi/L	TE
0	Neptunium-237	< 9.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
1	Nickel-63	240 ± 10	pCi/L	TE
2	Nonvolatile beta	2,400 ± 300	pCi/L	MT
2	Nonvolatile beta	2,800 ± 100	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.080	pCi/L	TE
1	Plutonium-242	0.072 ± 0.056	pCi/L	TE
0	Potassium-40	< 50	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
1	Radium-228	23 ± 2.0	pCi/L	TE
1	Radium-228	19 ± 2.0	pCi/L	TE
0	Ruthenium-103	< 7.0	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Strontium-89	< 40	pCi/L	TE
1	Strontium-90	1,100 ± 100	pCi/L	TE
1	Technetium-99	57 ± 8.0	pCi/L	TE

WELL HSB 86D collected on 04/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Thorium-228	< 7.0	pCi/L	TE
1	Thorium-228	38 ± 8.0	pCi/L	TE
1	Thorium-230	83 ± 2.0	pCi/L	TE
1	Thorium-232	3.0 ± 0.40	pCi/L	TE
1	Total activity	10,400 ± 70	pCi/mL	EM
2	Total radium	81 ± 8.0	pCi/L	MT
2	Tritium	9,300 ± 1,000	pCi/mL	MT
2	Tritium	11,000 ± 1,000	pCi/mL	TE
1	Uranium-234	2.8 ± 0.70	pCi/L	TE
0	Uranium-235	< 0.10	pCi/L	TE
1	Uranium-238	1.4 ± 0.80	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/90
 Depth to water: 38.85 ft (11.84 m) below TOC
 Water elevation: 224.15 ft (68.32 m) msl
 Sp. conductance: 348 µS/cm
 Water evacuated before sampling: 48 gal

Time: 10:15
 pH: 3.7
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	1.3 ± 0.70	pCi/L	TE
1	Americium-243	1.0 ± 0.60	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 50	pCi/L	TE
1	Carbon-14	77 ± 10	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	< 4.0	pCi/L	TE
0	Cobalt-58	< 8.0	pCi/L	TE
0	Cobalt-60	4.5 ± 2.1	pCi/L	TE
0	Curium-242	< 0.30	pCi/L	TE
0	Curium-243/244	< 0.80	pCi/L	TE
1	Curium-246	2.2 ± 0.80	pCi/L	TE
2	Gross alpha	48 ± 8.0	pCi/L	TE
1	Iodine-129	10 ± 2.0	pCi/L	TE
0	Iodine-131	< 80	pCi/L	TE
1	Iron-55	250 ± 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	Nickel-59	< 100	pCi/L	TE
1	Nickel-63	190 ± 10	pCi/L	TE
2	Nonvolatile beta	2,700 ± 100	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.050	pCi/L	TE
0	Plutonium-242	< 0.050	pCi/L	TE
0	Potassium-40	< 70	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
1	Radium-228	23 ± 2.0	pCi/L	TE
1	Radium-228	18 ± 4.0	pCi/L	TE
0	Ruthenium-103	< 7.0	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Strontium-89	< 30	pCi/L	TE
1	Strontium-90	980 ± 10	pCi/L	TE
1	Technetium-99	74 ± 9.0	pCi/L	TE
0	Thorium-228	< 8.0	pCi/L	TE
1	Thorium-228	19 ± 1.0	pCi/L	TE
1	Thorium-230	48 ± 2.0	pCi/L	TE
1	Thorium-232	0.80 ± 0.21	pCi/L	TE
2	Tritium	11,000 ± 1,000	pCi/mL	TE
1	Uranium-234	2.5 ± 0.90	pCi/L	TE
0	Uranium-235	< 0.10	pCi/L	TE
1	Uranium-238	1.4 ± 0.70	pCi/L	TE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 8.0	pCi/L	TE

ANALYTICAL RESULTS

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 34.30 ft (10.45 m) below TOC
 Water elevation: 225.00 ft (68.68 m) msl
 Sp. conductance: 34 µS/cm
 Water evacuated before sampling: 200 gal

Time: 12:15
 pH: 5.7
 Alkalinity: 5 mg/L
 Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	30	µS/cm	MT
0	Aluminum	<40	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	3,380	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	<20	µg/L	MT
0	Copper	<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	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	23	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	427	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	160	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,100	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,840	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	13,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	5.8	µg/L	MT
1	Total phosphates	402	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	<119	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
2	Nonvolatile beta	170±20	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tridium	1.8±0.20	pCi/mL	MT

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 27.44 ft (8.36 m) below TOC
 Water elevation: 232.66 ft (70.92 m) msl
 Sp. conductance: 72 µS/cm
 Water evacuated before sampling: 64 gal

Time: 12:38
 pH: 6.2
 Alkalinity: 1 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	MT
0	Specific conductance	81	µS/cm	MT
0	Aluminum	<40	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	2,140	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,700	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	<20	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	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	<20	µg/L	MT
0	Lead	5.3	µg/L	MT
0	Magnesium	718	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	5.8	µg/L	MT
0	Nickel	7.7	µg/L	MT
1	Nitrate as nitrogen	3,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,480	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	8,220	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	21,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	13	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	Uranium	<119	µg/L	MT
0	Zinc	185	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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±1.5	pCi/L	MT
1	Nonvolatile beta	15±4.0	pCi/L	MT
1	Total activity	840±6.7	pCi/mL	EM
0	Total radium	1.7±0.50	pCi/L	MT
2	Tridium	680±70	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/90
 Depth to water: 28.59 ft (8.71 m) below TOC
 Water elevation: 231.51 ft (70.57 m) msl
 Sp. conductance: 85 µS/cm
 Water evacuated before sampling: 50 gal

Time: 9:15
 pH: 5.1
 Alkalinity: 2 mg/L
 Water temperature: 21.3°C

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 33.72 ft (10.28 m) below TOC
 Water elevation: 224.78 ft (68.51 m) msl
 Sp. conductance: 87 µS/cm
 Water evacuated before sampling: 188 gal

Time: 15:45
 pH: 5.8
 Alkalinity: 9 mg/L
 Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.3	pH	MT
0	Specific conductance	81	µS/cm	MT
0	Aluminum	<40	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	8,280	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	<20	µg/L	MT
0	Copper	<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	Endrin	<0.0050	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	373	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	5.5	µg/L	MT
0	Nitrate as nitrogen	890	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,770	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,920	µg/L	MT
0	Sulfate	1,200	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	25,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	18	µg/L	MT
1	Total phosphates	313	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	<119	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

WELL HSB101C collected on 04/01/90, 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	<0.40	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	<1.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
2	Tritium	27 ± 3.0	pCi/mL	MT

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/90
 Depth to water: 28.91 ft (8.81 m) below TOC
 Water elevation: 229.79 ft (70.04 m) msl
 Sp. conductance: 1210 µS/cm
 Water evacuated before sampling: 58 gal

Time: 11:05
 pH: 8.2
 Alkalinity: 111 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.0	pH	MT
2	pH	8.9	pH	MT
1	Specific conductance	1,270	µS/cm	MT
1	Specific conductance	1,280	µS/cm	MT
1	Aluminum	309	µg/L	MT
0	Antimony	<3.0	µg/L	MT
2	Arsenic	72	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	<3.0	µg/L	MT
0	Calcium	111	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
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	77	µg/L	MT
0	Manganese	<5.0	µg/L	MT
2	Mercury	12	µg/L	MT
2	Mercury	12	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	124,000	µg/L	MT
1	Phenols	6.9	µg/L	MT
0	Potassium	<800	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	4,980	µg/L	MT
1	Silver	2.2	µg/L	MT
1	Sodium	243,000	µg/L	MT
0	Sulfate	6,400	µg/L	MT
1	Tetrachloroethylene	3.30	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	808,000	µg/L	MT
0	Total dissolved solids	899,000	µg/L	MT
0	Total organic carbon	1,100	µg/L	MT
1	Total organic halogens	19	µg/L	MT
1	Total phosphates	2,900	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB101D collected on 04/10/90, 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	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Americium-241	<0.30	pCi/L	TE
1	Americium-243	0.34 ± 0.18	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
1	Carbon-14	1,500 ± 100	pCi/L	TE
0	Cerium-141	<20	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	<4.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
1	Curium-242	2.8 ± 2.0	pCi/L	TE
1	Curium-243/244	1.2 ± 0.40	pCi/L	TE
1	Curium-246	0.48 ± 0.18	pCi/L	TE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Gross alpha	12 ± 6.0	pCi/L	TE
1	Iodine-129	8.1 ± 1.3	pCi/L	TE
0	Iodine-131	<300	pCi/L	TE
1	Iron-55	300 ± 40	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
2	Nonvolatile beta	85 ± 7.0	pCi/L	MT
2	Nonvolatile beta	81 ± 7.0	pCi/L	MT
2	Nonvolatile beta	52 ± 4.0	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	<50	pCi/L	TE
0	Radium-226	<1.0	pCi/L	TE
0	Radium-228	<70	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
1	Strontium-90	5.4 ± 1.2	pCi/L	TE
1	Technetium-99	7.2 ± 2.9	pCi/L	TE
1	Thorium-228	0.30 ± 0.11	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
1	Thorium-230	0.33 ± 0.25	pCi/L	TE
1	Thorium-232	0.42 ± 0.14	pCi/L	TE
0	Total activity	28,500 ± 120	pCi/ml	EM
1	Total radium	<1.0	pCi/L	MT
2	Tritium	21,000 ± 3,000	pCi/mL	MT
2	Tritium	21,000 ± 3,000	pCi/mL	MT
2	Tritium	26,000 ± 1,000	pCi/mL	TE
1	Uranium-234	3.8 ± 2.5	pCi/L	TE
0	Uranium-235	<1.0	pCi/L	TE
0	Uranium-238	<1.0	pCi/L	TE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL HSB102C collected on 04/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Calcium	8,030	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	8,400	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.1	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,800	µg/L	MT
2	Manganese	118	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	5.9	µg/L	MT
2	Nitrate as nitrogen	16,100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	4,140	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,070	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	23,200	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	129,000	µg/L	MT
0	Total organic carbon	1,080	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	71	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	<118	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	<0.48	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	11 ± 4.0	pCi/L	MT
1	Total activity	288 ± 3.8	pCi/mL	EM
0	Total radium	1.8 ± 0.40	pCi/L	MT
0	Total radium	2.2 ± 0.60	pCi/L	MT
2	Tritium	240 ± 30	pCi/mL	MT

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/90
 Depth to water: 35.31 ft (10.78 m) below TOC
 Water elevation: 223.89 ft (68.18 m) msl
 Sp. conductance: 214 µS/cm
 Water evacuated before sampling: 164 gal

Time: 14:30
 pH: 5.8
 Alkalinity: 18 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	MT
1	Specific conductance	189	µS/cm	MT
0	Aluminum	53	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/90
 Depth to water: 30.35 ft (9.25 m) below TOC
 Water elevation: 228.25 ft (69.57 m) msl
 Sp. conductance: 578 µS/cm
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

Time: 14:45
 pH: 3.8
 Alkalinity: 0 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.8	pH	MT
1	Specific conductance	703	µS/cm	MT
2	Aluminum	17,800	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	128	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 HSB102D collected on 04/30/80 laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
1	Cadmium	4.1	µg/L	MT
1	Calcium	11,200	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
1	Chromium	6.1	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	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)	B 5.0	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
2	Iron	1,290	µg/L	MT
2	Lead	40	µg/L	MT
0	Magnesium	2,520	µg/L	MT
2	Manganese	2,540	µg/L	MT
2	Mercury	4.0	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	48	µg/L	MT
2	Nitrate as nitrogen	82,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,710	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	16,500	µg/L	MT
1	Silica	14,700	µg/L	GE
0	Silver	<2.0	µg/L	MT
1	Sodium	37,600	µg/L	MT
0	Sulfate	1,500	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	148,000	µg/L	MT
U	Total organic carbon	1,700	µg/L	MT
0	Total organic carbon	1,800	µg/L	MT
0	Total organic halogens	6.1	µg/L	MT
1	Total phosphates	402	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	Total silica	21,300	µg/L	GE
1	Uranium	239	µg/L	MT
0	Zinc	211	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	170±20	pCi/L	MT
2	Nonvolatile beta	16,000±2,000	pCi/L	MT
1	Total activity	36,400±140	pCi/mL	EM
2	Total radium	25±3.0	pCi/L	MT
2	Tritium	37,000±4,000	pCi/mL	MT

WELL HSB103C collected on 04/01/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Barium	63	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	<3.0	µg/L	MT
0	Calcium	6,210	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	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,980	µg/L	MT
2	Manganese	388	µg/L	MT
2	Mercury	1.3	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	21,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,210	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,320	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	23,000	µg/L	MT
0	Sulfate	1,200	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 organic carbon	<1,000	µg/L	MT
0	Total organic halogens	7.3	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
2	Trichloroethylene	5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Zinc	21	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<1.0	pCi/L	MT
1	Nonvolatile beta	25±4.0	pCi/L	MT
1	Total activity	888±6.8	pCi/mL	EM
0	Total radium	2.4±0.50	pCi/L	MT
2	Tritium	780±80	pCi/mL	MT

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/80
 Depth to water: 24.19 ft (7.37 m) below TOC
 Water elevation: 223.21 ft (68.04 m) msl
 Sp. conductance: 228 µS/cm
 Water evacuated before sampling: 183 gal

Time: 15:10
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
1	Specific conductance	200	µS/cm	MT
1	Aluminum	121	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/80
 Depth to water: 22.38 ft (6.82 m) below TOC
 Water elevation: 225.21 ft (68.64 m) msl
 Sp. conductance: 343 µS/cm
 Water evacuated before sampling: 46 gal

Time: 10:35
 pH: 4.2
 Alkalinity: 1 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
1	Specific conductance	373	µS/cm	MT
2	Aluminum	1,030	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB103D collected on 04/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	31	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	<3.0	µg/L	MT
0	Calcium	1,000	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	7,100	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
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	30	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,860	µg/L	MT
2	Manganese	95	µg/L	MT
2	Mercury	4.8	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	36,000	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	8,050	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	52,400	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	246,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	8.5	µg/L	MT
0	Total phosphates	20	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethane	<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	<119	µg/L	MT
3	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<0.30	pCi/L	TE
0	Americium-243	<0.20	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
1	Carbon-14	150 ± 10	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	<5.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
1	Curium-242	0.29 ± 0.14	pCi/L	TE
1	Curium-243/244	1.4 ± 0.30	pCi/L	TE
0	Curium-246	<0.20	pCi/L	TE
1	Gross alpha	8.8 ± 3.1	pCi/L	MT
2	Gross alpha	16 ± 4.0	pCi/L	TE
1	Iodine-129	46 ± 3.0	pCi/L	TE
0	Iodine-131	<70	pCi/L	TE
0	Iron-55	<50	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	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
2	Nonvolatile beta	450 ± 50	pCi/L	MT
2	Nonvolatile beta	650 ± 10	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE

WELL HSB103D collected on 04/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.060	pCi/L	TE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<6.0	pCi/L	TE
1	Radium-228	7.1 ± 0.80	pCi/L	TE
1	Radium-228	5.4 ± 1.2	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<20	pCi/L	TE
1	Strontium-90	280 ± 10	pCi/L	TE
1	Technetium-99	38 ± 6.0	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
1	Thorium-228	20 ± 10	pCi/L	TE
1	Thorium-230	61 ± 2.0	pCi/L	TE
1	Thorium-232	0.58 ± 0.15	pCi/L	TE
1	Total activity	3,740 ± 40	pCi/mL	EM
2	Total radium	12 ± 2.0	pCi/L	MT
2	Tritium	3,200 ± 400	pCi/mL	MT
2	Tritium	3,800 ± 100	pCi/mL	TE
1	Uranium-234	0.48 ± 0.19	pCi/L	TE
0	Uranium-235	<0.090	pCi/L	TE
1	Uranium-238	0.14 ± 0.11	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 27.58 ft (8.41 m) below TOC
 Water elevation: 220.31 ft (67.15 m) msl
 Sp. conductance: 174 µS/cm
 Water evacuated before sampling: 163 gal

Time: 14:20
 pH: 8.5
 Alkalinity: 39 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.8	pH	MT
1	Specific conductance	176	µS/cm	MT
2	Aluminum	504	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	45	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	<3.0	µg/L	MT
1	Calcium	13,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,500	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	<20	µg/L	MT
0	Copper	<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	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	33	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	591	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	<5.2	µg/L	MT
1	Nitrate as nitrogen	4,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	8,940	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,400	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	13,800	µg/L	MT
0	Sulfate	2,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	102,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT

ANALYTICAL RESULTS

WELL HSB104C collected on 04/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	28	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	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	1.8 ± 1.2	pCi/L	MT
1	Nonvolatile beta	24 ± 5.0	pCi/L	MT
1	Total activity	425 ± 4.8	pCi/mL	EM
0	Total radium	1.3 ± 0.40	pCi/L	MT
2	Tritium	390 ± 40	pCi/mL	MT
2	Tritium	390 ± 40	pCi/mL	MT

WELL HSB104D collected on 04/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	208,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	12	µg/L	MT
0	Total phosphates	68	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	<119	µg/L	MT
0	Zinc	73	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	28 ± 5.0	pCi/L	MT
2	Nonvolatile beta	6,100 ± 700	pCi/L	MT
2	Total activity	28,500 ± 120	pCi/mL	EM
1	Total radium	39 ± 4.0	pCi/L	MT
2	Tritium	24,000 ± 3,000	pCi/mL	MT

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 22.84 ft (6.96 m) below TOC
 Water elevation: 224.96 ft (68.57 m) msl
 Sp. conductance: 454 µS/cm
 Water evacuated before sampling: 93 gal

Time: 13:15
 pH: 3.7
 Alkalinity: 0 mg/L
 Water temperature: 19.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	4.0	pH	MT
1	Specific conductance	507	µS/cm	MT
2	Aluminum	10,800	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	113	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	<3.0	µg/L	MT
0	Calcium	3,870	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,800	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	17	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	87	µg/L	MT
0	Lead	4.3	µg/L	MT
0	Magnesium	1,940	µg/L	MT
2	Manganese	739	µg/L	MT
2	Mercury	14	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	14	µg/L	MT
2	Nitrate as nitrogen	46,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,800	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,000	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	39,700	µg/L	MT
0	Sulfate	2,300	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/90
 Depth to water: 30.36 ft (9.25 m) below TOC
 Water elevation: 219.14 ft (66.79 m) msl
 Sp. conductance: 84 µS/cm
 Water evacuated before sampling: 189 gal

Time: 11:55
 pH: 5.8
 Alkalinity: 0 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.0	pH	MT
0	Specific conductance	74	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	8,580	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,800	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	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)	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	<20	µg/L	MT
0	Lead	2.3	µg/L	MT
0	Magnesium	871	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	2,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,400	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,900	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,140	µg/L	MT
0	Sulfate	<1,000	µg/L	MT

ANALYTICAL RESULTS

WELL HSB105C collected on 04/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	71,000	µg/L	MT
0	Total dissolved solids	73,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	125	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	<119	µg/L	MT
0	Zinc	29	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	88±9.0	pCi/mL	MT

WELL HSB105D collected on 04/09/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	2,200	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	379,000	µg/L	MT
0	Total organic carbon	1,900	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	Uranium	<119	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	Americium-241	3.5±1.5	pCi/L	TE
1	Americium-243	2.8±1.3	pCi/L	TE
0	Barium-140	<20	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
1	Carbon-14	210±10	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	<5.0	pCi/L	TE
2	Cobalt-60	98±9.9	pCi/L	TE
1	Curium-242	0.48±0.18	pCi/L	TE
1	Curium-243/244	0.59±0.30	pCi/L	TE
1	Curium-248	2.0±1.2	pCi/L	TE
2	Gross alpha	39±6.0	pCi/L	MT
2	Gross alpha	48±7.0	pCi/L	TE
1	Iodine-129	23±3.0	pCi/L	TE
0	Iodine-131	<50	pCi/L	TE
0	Iron-55	<40	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
1	Nickel-59	120±80	pCi/L	TE
1	Nickel-63	140±10	pCi/L	TE
2	Nonvolatile beta	8,200±800	pCi/L	MT
2	Nonvolatile beta	10,000±1,000	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.070	pCi/L	TE
0	Plutonium-242	0.92±0.59	pCi/L	TE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
1	Radium-226	28±3.0	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<100	pCi/L	TE
1	Strontium-90	4,900±100	pCi/L	TE
1	Technetium-99	36±6.0	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
1	Thorium-228	140±10	pCi/L	TE
1	Thorium-230	150±10	pCi/L	TE
1	Thorium-232	12±1.0	pCi/L	TE
1	Total activity	9,370±70	pCi/mL	EM
2	Total radium	38±4.0	pCi/L	MT
2	Tritium	7,800±800	pCi/mL	MT
2	Tritium	8,800±100	pCi/mL	TE
0	Uranium-234	<0.20	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
1	Uranium-238	0.59±0.22	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/90
 Depth to water: 24.40 ft (7.44 m) below TOC
 Water elevation: 225.10 ft (68.61 m) msl
 Sp. conductance: 882 µS/cm
 Water evacuated before sampling: 51 gal
 Time: 11:15
 pH: 3.7
 Alkalinity: 0 mg/L
 Water temperature: 18.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	4.0	pH	MT
1	Specific conductance	744	µS/cm	MT
2	Aluminum	7,810	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	117	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	<3.0	µg/L	MT
0	Calcium	4,620	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,900	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	<20	µg/L	MT
0	Copper	<5.0	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	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
1	Fluoride	540	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	54	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,190	µg/L	MT
2	Manganese	899	µg/L	MT
2	Mercury	2.2	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	19	µg/L	MT
2	Nitrate as nitrogen	77,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,920	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,860	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	74,000	µg/L	MT

ANALYTICAL RESULTS

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/90
 Depth to water: 31.83 ft (9.73 m) below TOC
 Water elevation: 220.87 ft (67.35 m) msl
 Sp. conductance: 117 µS/cm
 Water evacuated before sampling: 178 gal

Time: 15:50
 pH: 6.2
 Alkalinity: 12 mg/L
 Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	MT
1	Specific conductance	102	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	7,710	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,180	µg/L	MT
0	Manganese	9.1	µg/L	MT
0	Mercury	0.32	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
1	Nitrate as nitrogen	7,000	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	10,700	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	8,040	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	58,000	µg/L	MT
0	Total organic carbon	1,100	µg/L	MT
0	Total organic halogens	5.6	µg/L	MT
0	Total phosphates	32	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	<119	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	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	383 ± 4.5	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	340 ± 40	pCi/mL	MT

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/90
 Depth to water: 27.68 ft (8.44 m) below TOC
 Water elevation: 225.21 ft (68.64 m) msl
 Sp. conductance: 265 µS/cm
 Water evacuated before sampling: 48 gal

Time: 15:35
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 23.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
1	Specific conductance	281	µS/cm	MT
2	Aluminum	658	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	52	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	<3.0	µg/L	MT
0	Calcium	2,440	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	42	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,080	µg/L	MT
2	Manganese	347	µg/L	MT
2	Mercury	4.8	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	18	µg/L	MT
2	Nitrate as nitrogen	31,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,300	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	36,800	µg/L	MT
0	Sulfate	1,700	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	244,000	µg/L	MT
0	Total organic carbon	1,060	µg/L	MT
0	Total organic halogens	6.5	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	Uranium	<119	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	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	8.8 ± 2.9	pCi/L	MT
2	Nonvolatile beta	970 ± 100	pCi/L	MT
1	Total activity	10,900 ± 70	pCi/mL	EM
1	Total radium	4.4 ± 0.50	pCi/L	MT
2	Tritium	8,900 ± 900	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/90
 Depth to water: 42.90 ft (13.08 m) below TOC
 Water elevation: 218.70 ft (66.68 m) msl
 Sp. conductance: 187 µS/cm
 Water evacuated before sampling: 163 gal

Time: 14:55
 pH: 6.7
 Alkalinity: 58 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
1	Specific conductance	177	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	51	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	<3.0	µg/L	MT
1	Calcium	14,000	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	<20	µg/L	MT
0	Copper	<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
2	Iron	387	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	800	µg/L	MT
2	Manganese	539	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
1	Nitrate as nitrogen	3,090	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,880	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,540	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	16,200	µg/L	MT
0	Sulfate	1,200	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	114,000	µg/L	MT
0	Total organic carbon	1,090	µg/L	MT
0	Total organic halogens	6.1	µg/L	MT
0	Total phosphates	231	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	17 ± 4.0	pCi/L	MT
1	Total activity	824 ± 6.2	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	710 ± 80	pCi/mL	MT

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/90
 Depth to water: 38.29 ft (11.67 m) below TOC
 Water elevation: 224.01 ft (68.28 m) msl
 Sp. conductance: 387 µS/cm
 Water evacuated before sampling: 39 gal

Time: 14:05
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
1	Specific conductance	401	µS/cm	MT
2	Aluminum	1,250	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	99	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	<3.0	µg/L	MT
0	Calcium	4,840	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	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	<0.0080	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	28	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,420	µg/L	MT
2	Manganese	370	µg/L	MT
0	Mercury	2.1	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	9.8	µg/L	MT
2	Nitrate as nitrogen	40,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,250	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,830	µg/L	MT
0	Silica	8,540	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	MT
1	Sodium	47,300	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Tetrachloroethylene	<5.0	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	9.1	µg/L	MT
0	Total phosphates	18	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
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Total silica	7,550	µg/L	GE
1	Total silica	8,600	µg/L	GE
0	Uranium	<119	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	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Americium-241	3.2 ± 0.40	pCi/L	TE
1	Americium-243	0.70 ± 0.24	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE

ANALYTICAL RESULTS

WELL HSB107D collected on 05/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Carbon-14	130±10	pCi/L	TE
0	Cesium-141	<10	pCi/L	TE
0	Cesium-144	<10	pCi/L	TE
0	Cesium-134	<2.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cobalt-58	<4.0	pCi/L	TE
2	Cobalt-60	84±6.3	pCi/L	TE
1	Curium-242	0.20±0.14	pCi/L	TE
1	Curium-243/244	0.48±0.28	pCi/L	TE
1	Curium-246	0.75±0.24	pCi/L	TE
2	Gross alpha	18±4.0	pCi/L	MT
2	Gross alpha	18±4.0	pCi/L	TE
1	Iodine-129	110±10	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-55	<30	pCi/L	TE
0	Iron-59	<10	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
1	Nickel-63	120±10	pCi/L	TE
2	Nonvolatile beta	7,800±800	pCi/L	MT
2	Nonvolatile beta	570±10	pCi/L	TE
0	Plutonium-238	<0.80	pCi/L	TE
0	Plutonium-239/240	<0.70	pCi/L	TE
0	Plutonium-242	<1.0	pCi/L	TE
0	Potassium-40	<60	pCi/L	TE
0	Radium-226	<40	pCi/L	TE
1	Radium-228	13±1.0	pCi/L	TE
1	Radium-228	42±10	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<80	pCi/L	TE
1	Strontium-90	3,700±100	pCi/L	TE
1	Technetium-99	100±10	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
0	Thorium-228	<0.40	pCi/L	TE
1	Thorium-230	7.3±0.90	pCi/L	TE
0	Thorium-232	<0.090	pCi/L	TE
1	Total activity	12,800±80	pCi/mL	EM
2	Total radium	14±2.0	pCi/L	MT
2	Tritium	12,000±2,000	pCi/mL	MT
2	Tritium	14,000±1,000	pCi/mL	TE
1	Uranium-234	3.5±2.0	pCi/L	TE
0	Uranium-235	<0.30	pCi/L	TE
0	Uranium-238	<0.40	pCi/L	TE
0	Zinc-65	<6.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 48.13 ft (14.67 m) below TOC
 Water elevation: 218.07 ft (66.47 m) msl
 Sp. conductance: 177 µS/cm
 Water evacuated before sampling: 91 gal

Time: 11:10
 pH: 6.8
 Alkalinity: 50 mg/L
 Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	MT
1	Specific conductance	149	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
1	Calcium	29,400	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	<20	µg/L	MT
0	Copper	<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

WELL HSB108C collected on 04/25/90, 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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,910	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	143	µg/L	MT
0	Nickel	5.8	µg/L	MT
0	Nitrate as nitrogen	2,700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<000	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,700	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	2,990	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	109,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	303	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	<119	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	<4.0	pCi/L	MT
1	Nonvolatile beta	12±4.0	pCi/L	MT
1	Total activity	373±4.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	330±40	pCi/mL	MT

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 43.00 ft (13.11 m) below TOC
 Water elevation: 223.30 ft (68.06 m) msl
 Sp. conductance: 373 µS/cm
 Water evacuated before sampling: 46 gal

Time: 10:25
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 23.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
1	Specific conductance	389	µS/cm	MT
2	Aluminum	1,850	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	126	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	<3.0	µg/L	MT
0	Calcium	8,610	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB108D collected on 04/26/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	60	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,950	µg/L	MT
2	Manganese	965	µg/L	MT
2	Mercury	6.1	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	29	µg/L	MT
2	Nitrate as nitrogen	39,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,380	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	45,100	µg/L	MT
0	Sulfate	2,790	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	213,000	µg/L	MT
0	Total organic carbon	1,100	µg/L	MT
0	Total organic halogens	5.6	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
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Zinc	63	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	24 ± 4.0	pCi/L	MT
2	Nonvolatile beta	6,200 ± 700	pCi/L	MT
1	Total activity	21,800 ± 100	pCi/mL	EM
2	Total radium	15 ± 2.0	pCi/L	MT
2	Tritium	20,000 ± 2,000	pCi/mL	MT

WELL HSB109C collected on 05/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	332	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	940	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,820	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	4,850	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	72,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	358	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	73 ± 8.0	pCi/mL	MT

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/90
 Depth to water: 43.38 ft (13.22 m) below TOC
 Water elevation: 218.22 ft (66.51 m) msl
 Sp. conductance: 58 µS/cm
 Water evacuated before sampling: 145 gal

Time: 13:00
 pH: 6.0
 Alkalinity: 14 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	MT
0	Specific conductance	67	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	5,080	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	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT

WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 100 µS/cm
 Water evacuated before sampling: 41 gal

Time: 13:25
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
1	Specific conductance	107	µS/cm	MT
2	Aluminum	799	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	84	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	<3.0	µg/L	MT
0	Calcium	3,570	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	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

ANALYTICAL RESULTS

WELL HSB108D collected on 05/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<280	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	3.8	µg/L	MT
0	Magnesium	1,910	µg/L	MT
2	Manganese	452	µg/L	MT
1	Mercury	0.91	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	15	µg/L	MT
1	Nitrate as nitrogen	7,970	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<800	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,810	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	5,240	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	58,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	8.8	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	<119	µg/L	MT
0	Zinc	67	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 ± 2.1	pCi/L	MT
2	Nonvolatile beta	2,900 ± 300	pCi/L	MT
2	Nonvolatile beta	2,500 ± 300	pCi/L	MT
1	Total activity	2,440 ± 40	pCi/mL	EM
1	Total radium	4.7 ± 0.60	pCi/L	MT
2	Tritium	2,200 ± 300	pCi/mL	MT

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 38.91 ft (11.25 m) below TOC
 Water elevation: 218.79 ft (66.69 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 143 gal

Time: 14:40
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	26	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	1,310	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT

WELL HSB110C collected on 04/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<280	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	24	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	319	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	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	880	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<800	µg/L	MT
0	Potassium	<800	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	2,430	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	17,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	65	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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
2	Tritium	55 ± 6.0	pCi/mL	MT

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/90
 Depth to water: 33.58 ft (10.24 m) below TOC
 Water elevation: 222.02 ft (67.67 m) msl
 Sp. conductance: 91 µS/cm
 Water evacuated before sampling: 44 gal

Time: 9:40
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.2	pH	MT
0	Specific conductance	86	µS/cm	MT
2	Aluminum	1,560	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	1,060	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB110D collected on 04/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	175	µg/L	MT
2	Manganese	118	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	7.8	µg/L	MT
0	Nitrate as nitrogen	2,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	15,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,710	µg/L	MT
0	Sulfate	5,800	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	1,300	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	Uranium	<119	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	<0.48	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	5.8 ± 2.3	pCi/L	MT
2	Nonvolatile beta	410 ± 50	pCi/L	MT
1	Total activity	293 ± 4.0	pCi/mL	EM
1	Total radium	3.0 ± 0.60	pCi/L	MT
2	Tritium	200 ± 20	pCi/mL	MT
2	Tritium	190 ± 20	pCi/mL	MT

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/90
 Depth to water: 38.16 ft (11.02 m) below TOC
 Water elevation: 219.84 ft (67.01 m) nsl
 Sp. conductance: 239 µS/cm
 Water evacuated before sampling: 222 gal

Time: 10:35
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	pH	4.9	pH	MT
1	Specific conductance	240	µS/cm	MT
1	Specific conductance	241	µS/cm	MT
1	Aluminum	252	µg/L	MT
1	Aluminum	248	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	27	µg/L	MT
0	Barium	27	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	<3.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
1	Calcium	17,300	µg/L	MT
1	Calcium	17,100	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT

WELL HSB111C collected on 04/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Dichloromethane (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	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<5.0	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	Endrin	<0.0080	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	<20	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,900	µg/L	MT
0	Magnesium	3,860	µg/L	MT
1	Manganese	47	µg/L	MT
1	Manganese	48	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	5.7	µg/L	MT
2	Nitrate as nitrogen	25,100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,300	µg/L	MT
0	Silica	9,990	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	18,400	µg/L	MT
1	Sodium	18,200	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	291,000	µg/L	MT
0	Total dissolved solids	287,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	83	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	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Zinc	44	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	<0.48	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	78 ± 8.0	pCi/L	MT
1	Total activity	3,220 ± 10	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	2,800 ± 300	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/90
 Depth to water: 34.19 ft (10.42 m) below TOC
 Water elevation: 221.81 ft (67.81 m) msl
 Sp. conductance: 574 µS/cm
 Water evacuated before sampling: 200 gal

Time: 12:15
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 24.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
1	Specific conductance	608	µS/cm	MT
1	Aluminum	278	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	7,170	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,200	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	8.50	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,210	µg/L	MT
2	Manganese	72	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	7.3	µg/L	MT
2	Nitrate as nitrogen	72,600	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	657	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,770	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	92,200	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	438,000	µg/L	MT
0	Total organic carbon	1,900	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	Uranium	<119	µg/L	MT
0	Zinc	21	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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±2.5	pCi/L	MT
2	Nonvolatile beta	170±20	pCi/L	MT
1	Total activity	15,700±90	pCi/ml	EM
1	Total radium	4.4±0.50	pCi/L	MT
2	Tritium	14,000±2,000	pCi/ml	MT

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/90
 Depth to water: 33.93 ft (10.34 m) below TOC
 Water elevation: 221.87 ft (67.88 m) msl
 Sp. conductance: 112 µS/cm
 Water evacuated before sampling: 52 gal

Time: 10:55
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
0	Specific conductance	82	µS/cm	MT
2	Aluminum	1,100	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	1,050	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,100	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
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	8.80	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	<20	µg/L	MT
0	Lead	4.2	µg/L	MT
0	Magnesium	307	µg/L	MT
2	Manganese	92	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	2,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,420	µg/L	MT
1	Silver	2.6	µg/L	MT
1	Sodium	7,830	µg/L	MT
0	Sulfate	3,400	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	1,700	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	Uranium	<119	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	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Americium-241	0.43±0.20	pCi/L	TE
0	Americium-243	<0.30	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<7.0	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	<3.0	pCi/L	TE

ANALYTICAL RESULTS

WELL HSB111E collected on 04/30/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Cobalt-60	28 ± 2.8	pCi/L	TE
0	Curium-242	<0.30	pCi/L	TE
0	Curium-243/244	<0.60	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Gross alpha	4.7 ± 2.1	pCi/L	MT
1	Gross alpha	8.8 ± 1.7	pCi/L	TE
0	Iodine-129	25 ± 2.0	pCi/L	TE
1	Iodine-131	<400	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-58	<100	pCi/L	TE
1	Nickel-63	120 ± 10	pCi/L	TE
2	Nonvolatile beta	700 ± 70	pCi/L	MT
2	Nonvolatile beta	950 ± 20	pCi/L	TE
0	Plutonium-238	<0.070	pCi/L	TE
0	Plutonium-239/240	<0.080	pCi/L	TE
1	Plutonium-242	1.7 ± 1.0	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
1	Radium-226	4.7 ± 0.70	pCi/L	TE
1	Radium-228	12 ± 3.0	pCi/L	TE
0	Ruthenium-103	<4.0	pCi/L	TE
0	Ruthenium-106	<10	pCi/L	TE
0	Strontium-89	<30	pCi/L	TE
1	Strontium-90	410 ± 10	pCi/L	TE
1	Technetium-99	42 ± 10	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-228	3.1 ± 2.1	pCi/L	TE
1	Thorium-230	3.4 ± 1.8	pCi/L	TE
0	Thorium-232	<0.60	pCi/L	TE
1	Total activity	232 ± 20	pCi/mL	EM
1	Total radium	2.8 ± 0.80	pCi/L	MT
2	Tritium	570 ± 60	pCi/mL	MT
2	Tritium	980 ± 10	pCi/mL	TE
1	Uranium-234	0.15 ± 0.060	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	<3.0	pCi/L	TE

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/80
 Depth to water: 33.81 ft (10.31 m) below TOC
 Water elevation: 221.09 ft (67.39 m) msl
 Sp. conductance: 234 µS/cm
 Water evacuated before sampling: 223 gal

Time: 13:15
 pH: 8.1
 Alkalinity: 17 mg/L
 Water temperature: 23.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.3	pH	MT
1	Specific conductance	210	µS/cm	MT
0	Aluminum	53	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	45	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	<3.0	µg/L	MT
1	Calcium	17,900	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,500	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	<20	µg/L	MT
0	Copper	<5.0	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)	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	<20	µg/L	MT

WELL HSB112D collected on 04/30/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,170	µg/L	MT
1	Manganese	43	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	18,400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<800	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,000	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	16,900	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	288,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	353	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethane	<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	<119	µg/L	MT
0	Zinc	35	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	Gross alpha	<4.0	pCi/L	MT
2	Nonvolatile beta	77 ± 8.0	pCi/L	MT
2	Nonvolatile beta	73 ± 7.0	pCi/L	MT
1	Total activity	3,080 ± 10	pCi/mL	EM
0	Total radium	1.4 ± 0.30	pCi/L	MT
2	Tritium	2,800 ± 300	pCi/mL	MT

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/80
 Depth to water: 32.41 ft (9.88 m) below TOC
 Water elevation: 222.69 ft (67.88 m) msl
 Sp. conductance: 480 µS/cm
 Water evacuated before sampling: 105 gal

Time: 13:00
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 23.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
1	Specific conductance	488	µS/cm	MT
1	Aluminum	247	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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
1	Cadmium	3.1	µg/L	MT
0	Calcium	2,940	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,900	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	<20	µg/L	MT
0	Copper	<5.0	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	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT

ANALYTICAL RESULTS

WELL HSB112D collected on 04/30/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,100	µg/L	MT
2	Manganese	414	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	11	µg/L	MT
2	Nitrate as nitrogen	57,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,310	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,850	µg/L	MT
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	MT
1	Sodium	78,200	µg/L	MT
0	Sulfate	6,300	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	341,000	µg/L	MT
0	Total organic carbon	1,300	µg/L	MT
0	Total organic halogens	6.2	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethane	<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	Total silica	8,000	µg/L	GE
0	Uranium	<118	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	4.8 ± 2.4	pCi/L	MT
2	Nonvolatile beta	140 ± 20	pCi/L	MT
1	Total activity	18,800 ± 100	pCi/mL	EM
2	Total radium	5.0 ± 0.50	pCi/L	MT
2	Tritium	17,000 ± 2,000	pCi/mL	MT

WELL HSB112E collected on 05/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<280	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	5.0	µg/L	MT
0	Magnesium	3,100	µg/L	MT
2	Manganese	1,480	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	52	µg/L	MT
1	Nickel	55	µg/L	MT
2	Nitrate as nitrogen	51,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,840	µg/L	MT
0	Potassium	3,710	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,100	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	51,200	µg/L	MT
0	Sulfate	1,800	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	Total organic carbon	2,300	µg/L	MT
0	Total organic halogens	8.3	µg/L	MT
1	Total phosphates	833	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	trans-1,2-Dichloroethane	<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	<118	µg/L	MT
0	Zinc	98	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	8.8 ± 3.1	pCi/L	MT
2	Nonvolatile beta	820 ± 70	pCi/L	MT
1	Total activity	14,800 ± 80	pCi/mL	EM
2	Total radium	5.1 ± 0.60	pCi/L	MT
2	Tritium	14,000 ± 2,000	pCi/mL	MT

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/90
 Depth to water: 32.44 ft (9.89 m) below TOC
 Water elevation: 222.68 ft (67.87 m) msl
 Sp. conductance: 455 µS/cm
 Water evacuated before sampling: 3 gal
 The well went dry during purging.

Time: 10:45
 pH: 5.1
 Alkalinity: 3 mg/L
 Water temperature: 24.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
1	Specific conductance	437	µS/cm	MT
1	Aluminum	87	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	145	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	5.5	µg/L	MT
1	Calcium	10,100	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
1	Cobalt	41	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	15.0	µg/L	MT

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 38.74 ft (11.81 m) below TOC
 Water elevation: 222.26 ft (67.75 m) msl
 Sp. conductance: 125 µS/cm
 Water evacuated before sampling: 203 gal

Time: 15:05
 pH: 5.2
 Alkalinity: 0 mg/L
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
1	Specific conductance	121	µS/cm	MT
1	Aluminum	119	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	32	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	7,190	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,200	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB113C collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	2,300	µg/L	MT
2	Manganese	55	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	5.5	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
2	Nitrate as nitrogen	11,000	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	828	µg/L	MT
0	Potassium	907	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	9,210	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	9,180	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	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	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	Uranium	< 119	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	< 3.0	pCi/L	MT
1	Nonvolatile beta	33 ± 5.0	pCi/L	MT
1	Total activity	1,370 ± 8.8	pCi/mL	EM
0	Total radium	1.4 ± 0.40	pCi/L	MT
2	Tritium	1,200 ± 200	pCi/mL	MT

WELL HSB113D collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	18	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	290	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	0.0090	µg/L	MT
0	Iron	129	µg/L	MT
0	Lead	8.8	µg/L	MT
0	Magnesium	1,370	µg/L	MT
2	Manganese	448	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
1	Nickel	19	µg/L	MT
2	Nitrate as nitrogen	42,000	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	25,700	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	25,800	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	208,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	8.7	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	< 119	µg/L	MT
0	Zinc	91	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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 ± 6.0	pCi/L	MT
2	Nonvolatile beta	3,500 ± 400	pCi/L	MT
1	Total activity	18,100 ± 100	pCi/mL	EM
2	Total radium	39 ± 4.0	pCi/L	MT
2	Tritium	14,000 ± 2,000	pCi/mL	MT

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 37.51 ft (11.43 m) below TOC
 Water elevation: 223.39 ft (68.09 m) msl
 Sp. conductance: 411 µS/cm
 Water evacuated before sampling: 35 gal

Time: 14:30
 pH: 3.6
 Alkalinity: 0 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
1	Specific conductance	404	µS/cm	MT
2	Aluminum	7,980	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
1	Barium	96	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	< 3.0	µg/L	MT
0	Calcium	8,220	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	2,300	µg/L	MT
0	Chlorobenzene	< 5.0	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 HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 39.84 ft (12.14 m) below TOC
 Water elevation: 223.96 ft (68.26 m) msl
 Sp. conductance: 530 µS/cm
 Water evacuated before sampling: 116 gal

Time: 13:55
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
1	Specific conductance	521	µS/cm	MT
2	Aluminum	498	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
1	Barium	71	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
1	Cadmium	3.6	µg/L	MT
1	Calcium	10,500	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	5,100	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
0	Chromium	< 5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB114C collected on 04/03/90, laboratory analyses (continued)

WELL HSB114D collected on 04/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	μg/L	MT
0	Cobalt	<20	μg/L	MT
0	Copper	<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	Endrin	<0.0060	μg/L	MT
0	Ethylbenzene	<5.0	μg/L	MT
0	Fluoride	<250	μg/L	MT
0	gamma-Benzene hexachloride (Lindane)	0.0090	μg/L	MT
0	Iron	22	μg/L	MT
0	Lead	2.3	μg/L	MT
1	Magnesium	5,310	μg/L	MT
2	Manganese	211	μg/L	MT
0	Mercury	0.24	μg/L	MT
0	Methoxychlor	<0.50	μg/L	MT
1	Nickel	8.7	μg/L	MT
2	Nitrate as nitrogen	82,900	μg/L	MT
0	Phenols	<5.0	μg/L	MT
0	Potassium	<600	μg/L	MT
0	Selenium	<.0	μg/L	MT
0	Silica	8,210	μg/L	MT
0	Silver	<2.0	μg/L	MT
1	Sodium	76,100	μg/L	MT
0	Sulfate	5,100	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	<1,000	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	Uranium	<119	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	<0.46	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	170±20	pCi/L	MT
1	Total activity	15,700±90	pCi/mL	EM
2	Total radium	12±2.0	pCi/L	MT
2	Tritium	13,000±2,000	pCi/mL	MT

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	μg/L	MT
0	Cobalt	<20	μg/L	MT
0	Copper	18	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	480	μg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	μg/L	MT
0	Iron	82	μg/L	MT
0	Lead	8.1	μg/L	MT
0	Magnesium	892	μg/L	MT
2	Manganese	255	μg/L	MT
0	Mercury	<0.20	μg/L	MT
0	Methoxychlor	<0.50	μg/L	MT
1	Nickel	10	μg/L	MT
2	Nitrate as nitrogen	37,700	μg/L	MT
0	Phenols	<5.0	μg/L	MT
0	Potassium	1,710	μg/L	MT
0	Selenium	<3.0	μg/L	MT
1	Silica	19,500	μg/L	MT
0	Silver	<2.0	μg/L	MT
1	Sodium	27,200	μg/L	MT
0	Sulfate	2,300	μg/L	MT
0	Tetrachloroethylene	<5.0	μg/L	MT
0	Toluene	<5.0	μg/L	MT
0	Total dissolved solids	181,000	μg/L	MT
0	Total organic carbon	<1,000	μg/L	MT
2	Total organic halogens	32	μg/L	MT
0	Total phosphates	<10	μg/L	MT
0	Toxaphene	<0.24	μg/L	MT
0	trans-1,2-Dichloroethane	<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	<119	μg/L	MT
0	Zinc	97	μg/L	MT
0	1,1-Dichloroethane	<5.0	μg/L	MT
0	1,1-Dichloroethylene	<5.0	μg/L	MT
0	1,1,1-Trichloroethane	<5.0	μg/L	MT
0	1,1,2-Trichloroethane	<5.0	μg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	μg/L	MT
0	1,2-Dichloroethane	<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	1.1±0.80	pCi/L	TE
0	Americium-243	<0.40	pCi/L	TE
0	Barium-140	<40	pCi/L	TE
0	Beryllium-7	<70	pCi/L	TE
1	Carbon-14	120±10	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<50	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
2	Cobalt-60	149±20	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.40	pCi/L	TE
0	Curium-246	<0.40	pCi/L	TE
2	Gross alpha	29±5.0	pCi/L	MT
1	Gross alpha	6.9±2.3	pCi/L	TE
1	Iodine-129	4.4±1.2	pCi/L	TE
0	Iodine-131	<100	pCi/L	TE
1	Iron-55	490±40	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
1	Nickel-63	180±10	pCi/L	TE
2	Nonvolatile beta	1,500±200	pCi/L	MT
2	Nonvolatile beta	2,000±100	pCi/L	TE
0	Plutonium-238	<0.10	pCi/L	TE
0	Plutonium-239/240	<0.050	pCi/L	TE
1	Plutonium-242	0.13±0.11	pCi/L	TE
0	Potassium-40	<90	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
1	Radium-226	11±1.0	pCi/L	TE
1	Radium-228	18±4.0	pCi/L	TE
0	Ruthenium-103	<10	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Strontium-89	<30	pCi/L	TE
1	Strontium-90	720±10	pCi/L	TE
1	Technetium-99	58±8.0	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
1	Thorium-228	32±2.0	pCi/L	TE
1	Thorium-230	50±2.0	pCi/L	TE

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/90
 Depth to water: 40.02 ft (12.20 m) below TOC
 Water elevation: 223.88 ft (68.27 m) msl
 Sp. conductance: 364 μS/cm
 Water evacuated before sampling: 45 gal

Time: 12:35
 pH: 3.8
 Alkalinity: 0 mg/L
 Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.9	pH	MT
1	Specific conductance	308	μS/cm	MT
2	Aluminum	6,070	μg/L	MT
0	Antimony	<3.0	μg/L	MT
0	Arsenic	<3.0	μg/L	MT
1	Barium	60	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	<3.0	μg/L	MT
0	Calcium	3,530	μg/L	MT
0	Carbon tetrachloride	<5.0	μg/L	MT
0	Chloride	1,800	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	<5.0	μg/L	MT

ANALYTICAL RESULTS

WELL HSB114D collected on 04/04/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Thorium-232	0.80±0.25	pCi/L	TE
1	Total activity	11,900±80	pCi/mL	EM
2	Total radium	36±4.0	pCi/L	MT
2	Tritium	9,700±1,000	pCi/mL	MT
2	Tritium	12,000±1,000	pCi/mL	TE
1	Uranium-234	2.4±2.0	pCi/L	TE
0	Uranium-235	<0.90	pCi/L	TE
0	Uranium-238	<1.0	pCi/L	TE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/90
 Depth to water: 43.68 ft (13.31 m) below TOC
 Water elevation: 225.62 ft (68.77 m) msl
 Sp. conductance: 677 µS/cm
 Water evacuated before sampling: 16 gal
 The well went dry during purging.

Time: 9:10
 pH: 11.7
 Alkalinity: 53 mg/L
 Water temperature: 18.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	MT
1	Specific conductance	771	µS/cm	MT
2	Aluminum	1,680	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	35	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	<3.0	µg/L	MT
1	Calcium	36,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,900	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	<20	µg/L	MT
0	Copper	<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	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	25	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	344	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	55,900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,250	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	6,680	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	80,400	µg/L	MT
0	Sulfate	6,500	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	449,000	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	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT

WELL HSB115C collected on 04/04/90, 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	<0.48	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
2	Nonvolatile beta	99±10	pCi/L	MT
2	Nonvolatile beta	105	pCi/L	MT
1	Total activity	24,200±120	pCi/mL	EM
0	Total radium	2.3±0.50	pCi/L	MT
2	Tritium	20,000±2,000	pCi/mL	MT

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/90
 Depth to water: 44.18 ft (13.47 m) below TOC
 Water elevation: 224.82 ft (68.56 m) msl
 Sp. conductance: 316 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 9:30
 pH: 7.0
 Alkalinity: 4 mg/L
 Water temperature: 18.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
1	Specific conductance	287	µS/cm	MT
1	Aluminum	278	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	139	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
1	Cadmium	3.3	µg/L	MT
1	Calcium	25,200	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
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	28	µg/L	MT
0	Copper	<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	Endrin	<0.0080	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	280	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
1	Iron	219	µg/L	MT
0	Lead	12	µg/L	MT
0	Magnesium	1,580	µg/L	MT
2	Manganese	796	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	58	µg/L	MT
2	Nitrate as nitrogen	34,400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,450	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	24,700	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	17,300	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	265,000	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	Uranium	<119	µg/L	MT
0	Zinc	207	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB115D collected on 04/04/90, 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	<0.4d	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	7.2±3.0	pCi/L	MT
2	Nonvolatile beta	1,100±200	pCi/L	MT
1	Total activity	8,320±70	pCi/mL	EM
2	Total radium	8.2±1.0	pCi/L	MT
2	Tritium	6,600±700	pCi/mL	MT

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/90
 Depth to water: 33.32 ft (10.18 m) below TOC
 Water elevation: 224.18 ft (68.33 m) msl
 Sp. conductance: 459 µS/cm
 Water evacuated before sampling: 137 gal

Time: 10:05
 pH: 5.3
 Alkalinity: 3 mg/L
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
1	Specific conductance	404	µS/cm	MT
1	Aluminum	108	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	82	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	<3.0	µg/L	MT
0	Calcium	3,610	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,100	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
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
1	Cobalt	23	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	113.0	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,480	µg/L	MT
2	Manganese	860	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	9.5	µg/L	MT
2	Nitrate as nitrogen	47,600	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	8,300	µg/L	MT
0	Silica	7,780	µg/L	GE
0	Silver	<2.0	µg/L	MT
1	Sodium	88,900	µg/L	MT
0	Sulfate	5,300	µg/L	MT
0	Tributyl phosphate	<10	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	125,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	7.7	µg/L	MT
0	Total phosphates	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
1	Total silica	8,230	µg/L	GE
0	Uranium	<119	µg/L	MT

WELL HSB116C collected on 05/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
1	Gross alpha	7.6±2.8	pCi/L	MT
2	Nonvolatile beta	120±20	pCi/L	MT
1	Total activity	21,900±100	pCi/mL	EM
2	Total radium	6.4±0.80	pCi/L	MT
2	Tritium	20,000±2,000	pCi/mL	MT

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/90
 Depth to water: 31.89 ft (9.72 m) below TOC
 Water elevation: 224.91 ft (68.55 m) msl
 Sp. conductance: 334 µS/cm
 Water evacuated before sampling: 43 gal

Time: 10:50
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
0	pH	4.1	pH	MT
1	Specific conductance	346	µS/cm	MT
1	Specific conductance	351	µS/cm	MT
2	Aluminum	3,550	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	197	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	<3.0	µg/L	MT
0	Calcium	5,870	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
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	420	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	109	µg/L	MT
0	Lead	14	µg/L	MT
0	Magnesium	1,920	µg/L	MT
2	Manganese	582	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	31	µg/L	MT
2	Nitrate as nitrogen	34,200	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	15,100	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	30,900	µg/L	MT
0	Sulfate	1,500	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	220,000	µg/L	MT
0	Total dissolved solids	218,000	µg/L	MT
0	Total organic carbon	1,020	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	13	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

ANALYTICAL RESULTS

WELL HSB116D collected on 05/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Zinc	100	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	7.4±0.80	pCi/L	TE
1	Americium-243	3.5±0.60	pCi/L	TE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<30	pCi/L	TE
1	Carbon-14	33±9.0	pCi/L	TE
0	Cerium-141	<8.0	pCi/L	TE
0	Cerium-144	<10	pCi/L	TE
0	Cesium-134	<3.0	pCi/L	TE
0	Cesium-137	<2.0	pCi/L	TE
0	Cobalt-58	<4.0	pCi/L	TE
2	Cobalt-60	252±30	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.50	pCi/L	TE
1	Curium-246	3.3±0.60	pCi/L	TE
2	Gross alpha	36±5.0	pCi/L	MT
2	Gross alpha	37±5.0	pCi/L	TE
1	Iodine-129	99±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	<3.0	pCi/L	TE
0	Neptunium-237	<3.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
1	Nickel-63	430±10	pCi/L	TE
2	Nonvolatile beta	6,500±700	pCi/L	MT
2	Nonvolatile beta	550±10	pCi/L	TE
0	Plutonium-238	<0.40	pCi/L	TE
0	Plutonium-239/240	<0.40	pCi/L	TE
0	Plutonium-242	<0.60	pCi/L	TE
0	Potassium-40	<30	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
1	Radium-226	43±4.0	pCi/L	TE
1	Radium-228	39±5.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<80	pCi/L	TE
1	Strontium-90	1,800±100	pCi/L	TE
1	Technetium-99	99±8.0	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-228	11±1.0	pCi/L	TE
1	Thorium-230	17±1.0	pCi/L	TE
1	Thorium-232	0.27±0.13	pCi/L	TE
1	Total activity	16,300±90	pCi/mL	EM
2	Total radium	44±5.0	pCi/L	MT
2	Tritium	15,000±2,000	pCi/mL	MT
2	Tritium	18,000±1,000	pCi/mL	TE
0	Uranium-234	<2.0	pCi/L	TE
0	Uranium-235	<1.0	pCi/L	TE
0	Uranium-238	<2.0	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/90
 Depth to water: 32.58 ft (9.93 m) below TOC
 Water elevation: 224.22 ft (68.34 m) msl
 Sp. conductance: 341 µS/cm
 Water evacuated before sampling: 41 gal

Time: 11:05
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 25.1°C

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/90
 Depth to water: 71.44 ft (21.78 m) below TOC
 Water elevation: 184.86 ft (50.25 m) msl
 Sp. conductance: 140 µS/cm
 Water evacuated before sampling: 225 gal

Time: 10:05
 pH: 6.8
 Alkalinity: 50 mg/L
 Water temperature: 16.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.8	pH	MT
1	pH	7.2	pH	GE
1	pH	7.2	pH	GE
1	Specific conductance	138	µS/cm	MT
1	Specific conductance	130	µS/cm	GE
1	Specific conductance	130	µS/cm	GE
0	Aluminum	<40	µg/L	MT
0	Aluminum	<20	µg/L	GE
0	Aluminum	42	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	34	µg/L	MT
0	Barium	35	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	22,000	µg/L	MT
1	Calcium	18,100	µg/L	GE
1	Calcium	18,700	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,400	µg/L	MT
0	Chloride	2,500	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
1	Chromium	4.8	µg/L	GE
0	Chromium	4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<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	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB117A collected on 04/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	120	µg/L	GE
0	Fluoride	110	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<30	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	888	µg/L	MT
0	Magnesium	788	µg/L	GE
0	Magnesium	792	µg/L	GE
2	Manganese	148	µg/L	MT
2	Manganese	143	µg/L	GE
2	Manganese	144	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
1	Nickel	14	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	60	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,730	µg/L	MT
0	Potassium	1,770	µg/L	GE
0	Potassium	1,820	µg/L	GE
0	Selenium	<3.0	µg/L	MT
1	Selenium	2.1	µg/L	GE
1	Selenium	2.4	µg/L	GE
1	Silica	24,700	µg/L	GE
1	Silica	26,500	µg/L	GE
1	Silica	25,700	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,110	µg/L	MT
0	Sodium	2,030	µg/L	GE
0	Sodium	2,070	µg/L	GE
0	Sulfate	7,000	µg/L	MT
0	Sulfate	6,600	µg/L	GE
0	Sulfate	6,500	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	117,000	µg/L	MT
0	Total dissolved solids	101,000	µg/L	GE
0	Total dissolved solids	99,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
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	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	93	µg/L	MT
0	Total phosphates	140	µg/L	GE
0	Total phosphates	140	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	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-1,3-Dichloropropene	<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	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE

WELL HSB117A collected on 04/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	6.3	µg/L	GE
0	Zinc	7.9	µg/L	GE
0	1,1-Dichloroethane	<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-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<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	1,1,2-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	1,1,2,2-Tetrachloroethane	<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	1,2-Dichloroethane	<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-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<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	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	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	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	3.0 ± 3.3	pCi/L	GE
0	Nonvolatile beta	2.3 ± 3.2	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/90
 Depth to water: 71.44 ft (21.78 m) below TOC
 Water elevation: 164.86 ft (50.25 m) msl
 Sp. conductance: 140 µS/cm
 Water evacuated before sampling: 225 gal

Time: 10:05
 pH: 6.8
 Alkalinity: 50 mg/L
 Water temperature: 16.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	MT
1	pH	7.1	pH	GE
1	Specific conductance	120	µS/cm	MT
1	Specific conductance	132	µS/cm	GE
0	Aluminum	<40	µg/L	MT
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	MT
0	Barium	34	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoflorm	<5.0	µg/L	MT
0	Bromoflorm	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB117A collected on 04/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
1	Calcium	22,200	µg/L	MT
1	Calcium	27,400	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,400	µg/L	MT
0	Chloride	2,400	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
2	Chromium	35	µg/L	MT
1	Chromium	4.2	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<2.0	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	140	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	118	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	908	µg/L	MT
0	Magnesium	785	µg/L	GE
2	Manganese	154	µg/L	MT
2	Manganese	130	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	50	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,400	µg/L	MT
0	Potassium	2,450	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	23,700	µg/L	GE
1	Silica	25,900	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	2,130	µg/L	MT
0	Sodium	2,290	µg/L	GE
0	Sulfate	7,000	µg/L	MT
0	Sulfate	6,500	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	109,000	µg/L	MT
0	Total dissolved solids	100,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	93	µg/L	MT
0	Total phosphates	140	µg/L	GE
0	Toxaphene	0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE

WELL HSB117A collected on 04/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	3.6	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	2.1±3.2	pCi/L	GE
0	Total radium	1.5±0.40	pCi/L	MT
1	Total radium	2.8±3.6	pCi/L	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<0.70	pCi/mL	GE

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 16.40 ft (5.00 m) below TOC
 Water elevation: 219.90 ft (67.03 m) msl
 Sp. conductance: 501 µS/cm
 Water evacuated before sampling: 160 gal

Time: 14:15
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 18.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
1	Specific conductance	546	µS/cm	MT
2	Aluminum	401	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	82	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	<3.0	µg/L	MT
1	Calcium	11,700	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,000	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	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
1	Magnesium	6,130	µg/L	MT
2	Manganese	122	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	57,800	µg/L	MT
0	Phenols	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB117C collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	745	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,600	µg/L	MT
1	Silver	2.8	µg/L	MT
1	Sodium	70,100	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	355,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	15	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	<119	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
1	Gross alpha	11±3.0	pCi/L	MT
2	Nonvolatile beta	180±20	pCi/L	EM
1	Total activity	10,600±80	pCi/mL	EM
2	Total radium	14±2.0	pCi/L	MT
2	Tritium	9,200±1,000	pCi/mL	MT

WELL HSB117D collected on 04/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	<800	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,520	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	4,140	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	1,300	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	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	12±4.0	pCi/L	MT
1	Nonvolatile beta	23±4.0	pCi/L	EM
1	Total activity	301±4.1	pCi/mL	EM
0	Total radium	2.0±0.50	pCi/L	MT
2	Tritium	240±30	pCi/mL	MT

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/90
 Depth to water: 14.86 ft (4.53 m) below TOC
 Water elevation: 221.44 ft (67.50 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 73 gal
 Time: 14:35
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 17.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	MT
1	Specific conductance	201	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	403	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
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	357	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/90
 Depth to water: 16.59 ft (5.06 m) below TOC
 Water elevation: 219.71 ft (66.97 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 69 gal
 Time: 8:10
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 18.3°C

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 80.92 ft (24.66 m) below TOC
 Water elevation: 166.38 ft (50.71 m) msl
 Sp. conductance: 159 µS/cm
 Water evacuated before sampling: 212 gal
 Time: 10:40
 pH: 6.6
 Alkalinity: 40 mg/L
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	MT
1	Specific conductance	174	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	52	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	<3.0	µg/L	MT
1	Calcium	25,000	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
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB118A collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	752	µg/L	MT
2	Manganese	87	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	2,740	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	31,000	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	2,800	µg/L	MT
0	Sulfate	8,100	µg/L	MT
0	Tetrachloroethylene	< 5.0	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	6.6	µg/L	MT
0	Total phosphates	166	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	< 119	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	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	1.7 ± 0.50	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 91.85 ft (28.00 m) below TOC
 Water elevation: 185.25 ft (50.37 m) msl
 Sp. conductance: 184 µS/cm
 Water evacuated before sampling: 203 gal

Time: 12:45
 pH: 7.5
 Alkalinity: 59 mg/L
 Water temperature: 18.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.5	pH	MT
1	Specific conductance	188	µS/cm	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	26	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	< 3.0	µg/L	MT
1	Calcium	26,900	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
0	Cobalt	< 20	µg/L	MT
0	Copper	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	MT

WELL HSB119A collected on 04/19/90, 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	< 0.0080	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	< 20	µg/L	MT
0	Lead	11	µg/L	MT
0	Magnesium	1,140	µg/L	MT
0	Manganese	< 5.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
0	Nitrate as nitrogen	2,000	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	3,600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	22,700	µg/L	GE
1	Silica	31,200	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	4,480	µg/L	MT
0	Sulfate	4,500	µg/L	MT
0	Tributyl phosphate	< 10	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	151,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
1	Total phosphates	344	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	Total silica	26,700	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	13 ± 4.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	MT
2	Tritium	180 ± 20	pCi/mL	MT

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 103.54 ft (31.56 m) below TOC
 Water elevation: 184.66 ft (50.19 m) msl
 Sp. conductance: 209 µS/cm
 Water evacuated before sampling: 208 gal

Time: 10:45
 pH: 7.8
 Alkalinity: 90 mg/L
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	36	µS/cm	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	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	< 3.0	µg/L	MT
1	Calcium	33,900	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT

ANALYTICAL RESULTS

WELL HSB120A collected on 04/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Copper	< 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	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	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	897	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	Nickel	< 5.2	µg/L	MT
0	Nitrate as nitrogen	120	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	2,570	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	30,100	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	4,000	µg/L	MT
0	Sulfate	6,400	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	129,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total phosphates	67	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	< 119	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
U	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	1.2 ± 0.40	pCi/L	MT
0	Total radium	1.3 ± 0.40	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/90
 Depth to water: 104.17 ft (31.75 m) below TOC
 Water elevation: 170.43 ft (51.95 m) msl
 Sp. conductance: 238 µS/cm
 Water evacuated before sampling: 230 gal

Time: 12:35
 pH: 6.7
 Alkalinity: 66 mg/L
 Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.6	pH	MT
1	Specific conductance	230	µS/cm	MT
0	Aluminum	< 40	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	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromoform	< 5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Cadmium	< 3.0	µg/L	MT
1	Calcium	41,200	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
0	Chromium	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT

WELL HSB121A collected on 04/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Copper	< 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	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	39	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	835	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	< 5.2	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	3,470	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	42,800	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Sodium	3,510	µg/L	MT
1	Sulfate	10,000	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	172,000	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	Uranium	< 119	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 5.0	µg/L	MT
U	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	1.8 ± 0.50	pCi/L	MT
0	Tritium	< 1.0	pCi/mL	MT

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/90
 Depth to water: 101.40 ft (30.91 m) below TOC
 Water elevation: 170.20 ft (51.88 m) msl
 Sp. conductance: 224 µS/cm
 Water evacuated before sampling: 230 gal

Time: 10:15
 pH: 6.9
 Alkalinity: 67 mg/L
 Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	MT
1	pH	7.1	pH	GE
1	pH	7.1	pH	GE
1	Specific conductance	219	µS/cm	MT
1	Specific conductance	234	µS/cm	GE
1	Specific conductance	231	µS/cm	GE
0	Aluminum	< 40	µg/L	MT
0	Aluminum	37	µg/L	GE
0	Aluminum	30	µg/L	GE
0	Antimony	< 3.0	µg/L	MT
0	Antimony	< 3.0	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	25	µg/L	MT
0	Barium	23	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB122A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	39,900	µg/L	MT
1	Calcium	27,200	µg/L	GE
1	Calcium	26,800	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,800	µg/L	MT
0	Chloride	2,300	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 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	Cobalt	< 20	µg/L	MT
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	5.1	µg/L	GE
0	Copper	6.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	7.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	0.035	µg/L	GE
0	Endrin	0.021	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Iron	26	µg/L	MT
0	Iron	32	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	816	µg/L	MT
0	Magnesium	688	µg/L	GE
0	Magnesium	669	µg/L	GE
0	Manganese	7.9	µg/L	MT
0	Manganese	7.1	µg/L	GE
0	Manganese	7.2	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
1	Mercury	0.87	µg/L	GE
1	Mercury	0.73	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 100	µg/L	MT

WELL HSB122A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	70	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,190	µg/L	MT
0	Potassium	865	µg/L	GE
0	Potassium	809	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
1	Silica	34,300	µg/L	GE
1	Silica	34,100	µg/L	GE
1	Silica	40,100	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,140	µg/L	MT
0	Sodium	2,280	µg/L	GE
0	Sodium	2,130	µg/L	GE
1	Sulfate	11,500	µg/L	MT
0	Sulfate	9,800	µg/L	GE
0	Sulfate	9,700	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
1	Tetrachloroethylene	1.0	µg/L	GE
2	Tetrachloroethylene	13	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	171,000	µg/L	MT
0	Total dissolved solids	172,000	µg/L	GE
0	Total dissolved solids	171,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	4,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	57	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	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-1,3-Dichloropropene	< 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	Trichloroethylene	< 5.0	µg/L	MT
2	Trichloroethylene	10	µg/L	GE
2	Trichloroethylene	8.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	21	µg/L	MT
0	Zinc	5.2	µg/L	GE
0	Zinc	2.0	µg/L	GE
0	1,1-Dichloroethane	< 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-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 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	1,1,2-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	1,1,2,2-Tetrachloroethane	< 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	1,2-Dichloroethane	< 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-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 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	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE

ANALYTICAL RESULTS

WELL HSB122A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	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	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	1.1±0.50	pCi/L	MT
0	Total radium	1.0±3.1	pCi/L	GE
0	Total radium	1.0±3.1	pCi/L	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 101.40 ft (30.91 m) below TOC
 Water elevation: 170.20 ft (51.88 m) msl
 Sp. conductance: 224 µS/cm
 Water evacuated before sampling: 230 gal

Time: 10:15
 pH: 6.9
 Alkalinity: 87 mg/L
 Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.1	pH	MT
1	pH	7.0	pH	GE
1	Specific conductance	223	µS/cm	MT
1	Specific conductance	222	µS/cm	GE
0	Aluminum	<40	µg/L	MT
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	MT
0	Barium	24	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
1	Calcium	38,700	µg/L	MT
1	Calcium	27,700	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	µg/L	MT
0	Chloride	2,500	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT

WELL HSB122A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	28	µg/L	MT
0	Iron	24	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	290	µg/L	MT
0	Magnesium	716	µg/L	GE
0	Manganese	10	µg/L	MT
0	Manganese	7.4	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	905	µg/L	MT
0	Potassium	837	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	34,600	µg/L	GE
1	Silica	38,500	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	2,120	µg/L	MT
0	Sodium	2,330	µg/L	GE
1	Sulfate	11,500	µg/L	MT
1	Sulfate	10,100	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	184,000	µg/L	MT
0	Total dissolved solids	185,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	40	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	2.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	6.8±3.5	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.3±3.2	pCi/L	GE
0	Tritium	<1.0	pCi/mL	MT
0	Tritium	<0.70	pCi/mL	GE

ANALYTICAL RESULTS

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/90
 Depth to water: 84.27 ft (28.73 m) below TOC
 Water elevation: 170.23 ft (51.89 m) msl
 Sp. conductance: 217 µS/cm
 Water evacuated before sampling: 219 gal

Time: 13:40
 pH: 8.8
 Alkalinity: 87 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.0	pH	MT
1	Specific conductance	221	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	70	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	<3.0	µg/L	MT
1	Calcium	38,400	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
1	Chromium	15	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	166	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	733	µg/L	MT
0	Manganese	16	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,360	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	43,500	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	5,160	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	178,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	63	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethylene	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 HSB124A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90
 Depth to water: 74.80 ft (22.80 m) below TOC
 Water elevation: 181.40 ft (58.34 m) msl
 Sp. conductance: 259 µS/cm
 Water evacuated before sampling: 44 gal
 The well went dry during purging.

Time: 10:35
 pH: 8.8
 Alkalinity: 103 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.5	pH	MT
0	Specific conductance	91	µS/cm	MT
1	Aluminum	259	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
1	Calcium	45,800	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	255	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
1	Potassium	8,090	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	25,800	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	5,220	µg/L	MT
1	Sulfate	11,100	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	103,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	8.3	µg/L	MT
0	Total phosphates	89	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethylene	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<7.0	pCi/L	MT
0	Total radium	2.4±0.40	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/90
 Depth to water: 9.08 ft (2.77 m) below TOC
 Water elevation: 222.81 ft (67.91 m) msl
 Sp. conductance: 71 µS/cm
 Water evacuated before sampling: 216 gal

Time: 14:30
 pH: 6.1
 Alkalinity: 22 mg/L
 Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
0	Specific conductance	68	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
1	Calcium	10,100	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	<20	µg/L	MT
0	Copper	<5.0	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	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,370	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	Nickel	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	230	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Potassium	603	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	11,600	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	2,220	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	64,000	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	144	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<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	3.3±0.40	pCi/mL	MT

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/90
 Depth to water: 9.95 ft (3.03 m) below TOC
 Water elevation: 221.75 ft (67.59 m) msl
 Sp. conductance: 441 µS/cm
 Water evacuated before sampling: 73 gal

Time: 13:45
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
1	Specific conductance	457	µS/cm	MT
1	Aluminum	195	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	648	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
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	<20	µg/L	MT
0	Copper	<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	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	20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,080	µg/L	MT
2	Manganese	170	µg/L	MT
2	Mercury	1.2	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	53,500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,100	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	73,800	µg/L	MT
0	Sulfate	9,200	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	356,000	µg/L	MT
0	Total organic carbon	1,010	µg/L	MT
0	Total organic halogens	7.5	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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±2.4	pCi/L	MT
2	Nonvolatile beta	50±5.0	pCi/L	MT
1	Total activity	6,610±60	pCi/mL	EM
1	Total radium	4.6±0.60	pCi/L	MT
2	Tritium	5,900±600	pCi/mL	MT

ANALYTICAL RESULTS

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/90
 Depth to water: 9.10 ft (2.77 m) below TOC
 Water elevation: 203.50 ft (62.03 m) msl
 Sp. conductance: 210 µS/cm
 Water evacuated before sampling: 79 gal

Time: 13:35
 pH: 6.8
 Alkalinity: 61 mg/L
 Water temperature: 18.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.7	pH	MT
1	pH	7.7	pH	MT
1	Specific conductance	232	µS/cm	MT
1	Specific conductance	234	µS/cm	MT
1	Aluminum	95	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	<3.0	µg/L	MT
1	Calcium	32,900	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	8.8	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,350	µg/L	MT
0	Manganese	<5.0	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	<5.2	µg/L	MT
1	Nitrate as nitrogen	4,100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	25,100	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	6,090	µg/L	MT
0	Sulfate	2,500	µg/L	MT
0	Tetrachloroethylene	<5.0	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
1	Total organic halogens	15	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
0	Uranium	<119	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	<3.0	pCi/L	MT
0	Nonvolatile beta	8.2 ± 3.8	pCi/L	MT
1	Total activity	282 ± 4.0	pCi/ml	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	250 ± 30	pCi/mL	MT

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 8.03 ft (2.45 m) below TOC
 Water elevation: 204.67 ft (62.38 m) msl
 Sp. conductance: 507 µS/cm
 Water evacuated before sampling: 9 gal
 The well went dry during purging.

Time: 9:30
 pH: 4.6
 Alkalinity: 1 mg/L
 Water temperature: 14.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
1	Specific conductance	505	µS/cm	MT
2	Aluminum	524	µg/L	MT
2	Aluminum	504	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	117	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	<3.0	µg/L	MT
1	Cadmium	3.3	µg/L	MT
0	Calcium	9,340	µg/L	MT
0	Calcium	9,040	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,400	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	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Copper	<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	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	0.011	µg/L	MT
0	Iron	89	µg/L	MT
0	Iron	66	µg/L	MT
0	Lead	2.3	µg/L	MT
0	Lead	2.5	µg/L	MT
0	Magnesium	4,830	µg/L	MT
0	Magnesium	4,670	µg/L	MT
2	Manganese	58	µg/L	MT
2	Manganese	56	µg/L	MT
2	Mercury	5.8	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	6.7	µg/L	MT
2	Nitrate as nitrogen	81,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	827	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	3,100	µg/L	MT
0	Silica	7,150	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	75,700	µg/L	MT
1	Sodium	73,200	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	392,000	µg/L	MT
0	Total dissolved solids	387,000	µg/L	MT
0	Total organic carbon	1,670	µg/L	MT
0	Total organic carbon	1,790	µg/L	MT
1	Total organic halogens	12	µg/L	MT
0	Total organic halogens	12	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
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Uranium	<119	µg/L	MT
0	Zinc	22	µg/L	MT

ANALYTICAL RESULTS

WELL HSB126D collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc	21	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	3.0 ± 5.0	pCi/L	MT
1	Total activity	5,320 ± 50	pCi/mL	EM
0	Total radium	2.4 ± 0.70	pCi/L	MT
2	Tritium	4,500 ± 500	pCi/mL	MT
2	Tritium	4,400 ± 500	pCi/mL	MT

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/90
 Depth to water: 15.73 ft (4.79 m) below TOC
 Water elevation: 209.97 ft (64.00 m) msl
 Sp. conductance: 273 µS/cm
 Water evacuated before sampling: 174 gal

Time: 14:50
 pH: 7.0
 Alkalinity: 73 mg/L
 Water temperature: 19.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.7	pH	MT
1	Specific conductance	301	µS/cm	MT
1	Aluminum	80	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
1	Calcium	46,300	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,400	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
1	Chromium	5.2	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	Magnesium	913	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
1	Nitrate as nitrogen	9,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,300	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	4,670	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	2.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	180,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	26	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

WELL HSB127C collected on 04/02/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Uranium	<119	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	<3.0	pCi/L	MT
1	Nonvolatile beta	20 ± 4.0	pCi/L	MT
1	Total activity	1,020 ± 7.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	890 ± 90	pCi/mL	MT
2	Tritium	870 ± 90	pCi/mL	MT

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/90
 Depth to water: 7.88 ft (2.40 m) below TOC
 Water elevation: 218.22 ft (66.51 m) msl
 Sp. conductance: 238 µS/cm
 Water evacuated before sampling: 68 gal

Time: 14:30
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	AT
0	pH	4.7	pH	MT
1	Specific conductance	343	µS/cm	MT
1	Specific conductance	344	µS/cm	MT
1	Aluminum	123	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
1	Cadmium	3.3	µg/L	MT
0	Calcium	1,560	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,290	µg/L	MT
2	Manganese	227	µg/L	MT
2	Mercury	3.6	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	36,400	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	6,500	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	52,100	µg/L	MT
0	Sulfate	5,500	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	191,000	µg/L	MT
0	Total dissolved solids	183,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	6.2	µg/L	MT
0	Total phosphates	<10	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT

ANALYTICAL RESULTS

WELL HSB127D collected on 04/02/90, 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	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	78±8.0	pCi/L	MT
1	Total activity	21,400±110	pCi/mL	EM
1	Total radium	3.0±0.60	pCi/L	MT
2	Tritium	16.00±2,000	pCi/mL	MT

WELL HSB129C collected on 04/25/90, 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
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	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	<0.48	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	92±10	pCi/L	MT
1	Total activity	2,080±8.8	pCi/mL	EM
0	Total radium	1.0±0.40	pCi/L	MT
2	Tritium	1,900±200	pCi/mL	MT

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 10.19 ft (3.11 m) below TOC
 Water elevation: 204.91 ft (62.46 m) msl
 Sp. conductance: 187 µS/cm
 Water evacuated before sampling: 163 gal

Time: 13:30
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
1	Specific conductance	192	µS/cm	MT
1	Aluminum	85	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	50	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	<3.0	µg/L	MT
1	Calcium	15,200	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,870	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	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	Endrin	<0.0060	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	280	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,450	µg/L	MT
1	Manganese	46	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	8.9	µg/L	MT
2	Nitrate as nitrogen	19,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,530	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,790	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	8,950	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	168,000	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

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 7.08 ft (2.16 m) below TOC
 Water elevation: 207.62 ft (63.28 m) msl
 Sp. conductance: 394 µS/cm
 Water evacuated before sampling: 74 gal

Time: 14:00
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
1	Specific conductance	374	µS/cm	MT
1	Aluminum	288	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	47	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	<3.0	µg/L	MT
0	Calcium	3,750	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	4,790	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	<20	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	3,320	µg/L	MT
0	Manganese	17	µg/L	MT
1	Mercury	0.55	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
2	Nitrate as nitrogen	46,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,880	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	66,900	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	319,000	µg/L	MT
0	Total organic carbon	<1,100	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	<10	µg/L	MT

ANALYTICAL RESULTS

WELL HSB129D collected on 04/25/90, 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
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Uranium	<119	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
1	Americium-241	1.8±0.70	pCi/L	TE
1	Americium-243	1.1±0.80	pCi/L	TE
0	Barium-140	<90	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
1	Carbon-14	100±10	pCi/L	TE
0	Cerium-141	<9.0	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	<4.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Curium-242	<0.10	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
1	Curium-246	1.4±0.70	pCi/L	TE
0	Gross alpha	2.8±2.0	pCi/L	MT
0	Gross alpha	<2.0±2.0	pCi/L	MT
1	Gross alpha	5.2±2.3	pCi/L	TE
1	Iodine-129	7±1.1	pCi/L	TE
0	Iodine-131	<400	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<2.0	pCi/L	TE
0	Neptunium-237	<4.0	pCi/L	TE
1	Nickel-59	370±120	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
2	Nonvolatile beta	130±20	pCi/L	MT
2	Nonvolatile beta	120±20	pCi/L	MT
2	Nonvolatile beta	150±10	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.10	pCi/L	TE
0	Plutonium-242	<0.090	pCi/L	TE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
1	Radium-226	1.9±0.70	pCi/L	TE
0	Radium-228	<2.0	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<3.0	pCi/L	TE
0	Strontium-90	<2.0	pCi/L	TE
1	Technetium-99	210±10	pCi/L	TE
1	Thorium-228	150±10	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-230	39±2.0	pCi/L	TE
1	Thorium-232	0.89±0.31	pCi/L	TE
1	Total activity	8,160±60	pCi/mL	EM
1	Total radium	2.7±0.60	pCi/L	MT
2	Tritium	7,800±800	pCi/mL	MT
2	Tritium	11,000±1,000	pCi/mL	TE
1	Uranium-234	0.44±0.30	pCi/L	TE
0	Uranium-235	<0.060	pCi/L	TE
0	Uranium-238	<0.080	pCi/L	TE
0	Zinc-65	<5.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 7.08 ft (2.18 m) below TOC
 Water elevation: 207.62 ft (63.28 m) msl
 Sp. conductance: 394 µS/cm
 Water evacuated before sampling: 74 gal

Time: 14:00
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Americium-241	8.7±4.4	pCi/L	TE
0	Americium-243	<2.0	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
1	Carbon-14	180±10	pCi/L	TE
0	Cerium-141	<20	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	<5.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Curium-242	<0.20	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
0	Curium-246	<3.0	pCi/L	TE
0	Gross alpha	3.3±1.9	pCi/L	TE
1	Iodine-129	4.2±1.4	pCi/L	TE
0	Iodine-131	<700	pCi/L	TE
0	Iron-55	<40	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE
0	Neptunium-237	<6.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
2	Nonvolatile beta	140±10	pCi/L	TE
0	Plutonium-238	<0.090	pCi/L	TE
0	Plutonium-239/240	<0.080	pCi/L	TE
0	Plutonium-242	<0.080	pCi/L	TE
1	Potassium-40	104±30	pCi/L	TE
0	Radium-226	<60	pCi/L	TE
1	Radium-226	1.8±0.50	pCi/L	TE
1	Radium-228	2.3±1.6	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Strontium-89	<2.0	pCi/L	TE
0	Strontium-90	<0.70	pCi/L	TE
1	Technetium-99	140±10	pCi/L	TE
1	Thorium-228	110±10	pCi/L	TE
0	Thorium-228	<6.0	pCi/L	TE
1	Thorium-230	110±10	pCi/L	TE
1	Thorium-232	1.6±0.40	pCi/L	TE
2	Tritium	9,600±100	pCi/mL	TE
0	Uranium-234	<0.20	pCi/L	TE
0	Uranium-235	<0.10	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/90
 Depth to water: 19.05 ft (5.81 m) below TOC
 Water elevation: 199.25 ft (60.73 m) msl
 Sp. conductance: 183 µS/cm
 Water evacuated before sampling: 117 gal

Time: 14:20
 pH: 7.5
 Alkalinity: 63 mg/L
 Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.9	pH	MT
1	Specific conductance	146	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	23	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	<3.0	µg/L	MT
1	Calcium	27,800	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,000	µg/L	MT

ANALYTICAL RESULTS

WELL HSB130C collected on 04/13/90, 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
1	Chromium	21	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	73	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	687	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	220	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,020	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,900	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,040	µg/L	MT
0	Sulfate	1,300	µg/L	MT
0	Tetrachloroethylene	<5.0	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
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	62	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/90
 Depth to water: 18.97 ft (5.78 m) below TOC
 Water elevation: 199.63 ft (60.85 m) msl
 Sp. conductance: 81 µS/cm
 Water evacuated before sampling: 60 gal

Time: 15:40
 pH: 6.7
 Alkalinity: 22 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.6	pH	MT
0	Specific conductance	70	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
1	Calcium	14,000	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

WELL HSB130D collected on 04/13/90, 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	17	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	61	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	561	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	500	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,170	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,350	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	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	Uranium	<11.0	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	7.1 ± 0.80	pCi/mL	MT

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 8.57 ft (2.61 m) below TOC
 Water elevation: 203.13 ft (61.91 m) msl
 Sp. conductance: 224 µS/cm
 Water evacuated before sampling: 157 gal

Time: 18:20
 pH: 6.5
 Alkalinity: 59 mg/L
 Water temperature: 18.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.9	pH	MT
1	Specific conductance	223	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<3.0	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	<3.0	µg/L	MT
1	Calcium	38,700	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

ANALYTICAL RESULTS

WELL HSB131C collected on 04/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Cobalt	<20	µg/L	MT
0	Copper	<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	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	31	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	893	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
1	Nitrate as nitrogen	3,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	743	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	14,500	µg/L	MT
0	Silver	<2.0	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	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	126,000	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	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 ± 3.7	pCi/L	MT
1	Total activity	195 ± 3.4	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	170 ± 20	pCi/mL	MT

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90 Time: 16:35
 Depth to water: 7.71 ft (2.35 m) below TOC pH: 5.0
 Water elevation: 204.39 ft (62.30 m) msl Alkalinity: 4 mg/L
 Sp. conductance: 28 µS/cm Water temperature: 16.9°C
 Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	24	µS/cm	MT
1	Aluminum	294	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
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	1,750	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,200	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT

WELL HSB131D collected on 04/01/90, 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	<20	µg/L	MT
0	Copper	<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	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	245	µg/L	MT
0	Iron	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,720	µg/L	MT
0	Manganese	9.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	7.3	µg/L	MT
0	Nitrate as nitrogen	270	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<800	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,340	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	775	µg/L	MT
0	Sulfate	2,500	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	3,000	µg/L	MT
0	Total dissolved solids	3,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic halogens	8.5	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	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	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
0	Total radium	<1.0	pCi/L	MT
1	Tritium	12 ± 2.0	pCi/mL	MT

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90 Time: 16:05
 Depth to water: Not available pH: 4.9
 Water elevation: Not available Alkalinity: 2 mg/L
 Sp. conductance: 25 µS/cm Water temperature: 22.1°C
 Water evacuated before sampling: 31 gal

ANALYTICAL RESULTS

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/90
 Depth to water: 18.46 ft (5.63 m) below TOC
 Water elevation: 222.04 ft (67.68 m) msl
 Sp. conductance: 41 µS/cm
 Water evacuated before sampling: 154 gal

Time: 13:10
 pH: 5.3
 Alkalinity: 8 mg/L
 Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	Specific conductance	43	µS/cm	MT
0	Aluminum	69	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	879	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
0	Cobalt	<20	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	<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	818	µg/L	MT
0	Manganese	19	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,440	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,130	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	5,400	µg/L	MT
0	Sulfate	5,900	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	43,000	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	Uranium	<119	µg/L	MT
0	Zinc	21	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/90
 Depth to water: 18.85 ft (5.75 m) below TOC
 Water elevation: 221.85 ft (67.62 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 55 gal

Time: 12:45
 pH: 5.3
 Alkalinity: 5 mg/L
 Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	33	µS/cm	MT
0	Aluminum	<40	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	812	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,500	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	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	293	µg/L	MT
0	Magnesium	291	µg/L	MT
0	Manganese	9.4	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	1,300	µg/L	MT
0	Nitrate as nitrogen	1,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,540	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,990	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	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	<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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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±0.50	pCi/L	MT

ANALYTICAL RESULTS

WELL HSB132D collected on 04/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Tritium	14±2.0	pCi/mL	MT

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/90
 Depth to water: 28.16 ft (7.97 m) below TOC
 Water elevation: 229.44 ft (69.93 m) msl
 Sp. conductance: 48 µS/cm
 Water evacuated before sampling: 161 gal

Time: 14:35
 pH: 5.9
 Alkalinity: 15 mg/L
 Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	MT
0	Specific conductance	48	µS/cm	MT
0	Aluminum	54	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	4,150	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	445	µg/L	MT
0	Manganese	9.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,380	µg/L	MT
0	Potassium	2,320	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,400	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	3,020	µg/L	MT
0	Sulfate	1,800	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	206	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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

WELL HSB133C collected on 04/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/90
 Depth to water: 20.86 ft (6.36 m) below TOC
 Water elevation: 234.44 ft (71.46 m) msl
 Sp. conductance: 67 µS/cm
 Water evacuated before sampling: 83 gal

Time: 13:45
 pH: 5.3
 Alkalinity: 9 mg/L
 Water temperature: 18.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	Specific conductance	74	µS/cm	MT
0	Aluminum	<40	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	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	2,510	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	6,000	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	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	142	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	620	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,350	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	10,400	µg/L	MT
0	Sulfate	7,700	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	20,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	11	µg/L	MT
0	Total phosphates	47	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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

ANALYTICAL RESULTS

WELL HSB133D collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
0	Carbon-14	<20	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	Curium-242	<0.10	pCi/L	TE
0	Curium-243/244	<0.30	pCi/L	TE
0	Curium-246	<0.30	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<1.0	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<70	pCi/L	TE
0	Iron-55	<50	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	Nickel-59	<100	pCi/L	TE
1	Nickel-63	84 ± 10	pCi/L	TE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	3.8 ± 1.2	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.070	pCi/L	TE
0	Plutonium-242	<0.050	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	<2.0	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
1	Strontium-90	17 ± 2.0	pCi/L	TE
0	Technetium-99	<4.0	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
1	Thorium-228	5.8 ± 0.40	pCi/L	TE
1	Thorium-230	0.34 ± 0.17	pCi/L	TE
1	Thorium-232	0.32 ± 0.080	pCi/L	TE
0	Total radium	1.6 ± 0.50	pCi/L	MT
2	Tritium	44 ± 5.0	pCi/ml	MT
2	Tritium	61 ± 2.0	pCi/ml	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	<5.0	pCi/L	TE

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/90
 Depth to water: 18.12 ft (5.52 m) below TOC
 Water elevation: 220.28 ft (67.14 m) msl
 Sp. conductance: 47 µS/cm
 Water evacuated before sampling: 205 gal

Time: 13:00
 pH: 5.4
 Alkalinity: 7 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	pH	6.0	pH	GE
0	Specific conductance	52	µS/cm	MT
0	Specific conductance	40	µS/cm	GE
0	Aluminum	42	µg/L	MT
0	Aluminum	24	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	6.9	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,160	µg/L	MT
0	Calcium	4,300	µg/L	GE

WELL HSB134C collected on 04/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,000	µg/L	MT
0	Chloride	3,000	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
2	Chromium	124	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	J 2.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
2	Iron	491	µg/L	MT
0	Iron	<20	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	943	µg/L	MT
0	Magnesium	781	µg/L	GE
1	Manganese	30	µg/L	MT
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	MT
0	Nitrate as nitrogen	1,580	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	754	µg/L	MT
0	Potassium	681	µg/L	MT
0	Potassium	720	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	11,900	µg/L	GE
1	Silica	13,000	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	2,180	µg/L	MT
0	Sodium	2,150	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	105,000	µg/L	MT
0	Total dissolved solids	54,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	19	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB134C collected on 04/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	3.9	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	2.9 ± 2.2	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
2	Tritium	44 ± 5.0	pCi/ml	MT
2	Tritium	52 ± 0.80	pCi/ml	GE

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/90
 Depth to water: 18.12 ft (5.52 m) below TOC
 Water elevation: 220.28 ft (67.14 m) msl
 Sp conductivity: 47 µS/cm
 Water evacuated before sampling: 205 gal

Time: 13:00
 pH: 5.4
 Alkalinity: 7 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	pH	6.5	pH	GE
0	Specific conductance	49	µS/cm	MT
0	Specific conductance	38	µS/cm	GE
1	Aluminum	84	µg/L	MT
0	Aluminum	25	µg/L	GE
0	Antimony	<3.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	7.3	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,100	µg/L	MT
0	Calcium	4,330	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,000	µg/L	MT
0	Chloride	3,000	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	MT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE

WELL HSB134C collected on 04/10/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	<20	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	952	µg/L	MT
0	Magnesium	780	µg/L	GE
0	Manganese	20	µg/L	MT
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	MT
0	Nitrate as nitrogen	1,840	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	718	µg/L	MT
0	Potassium	727	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	12,000	µg/L	MT
1	Silica	12,800	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	2,140	µg/L	MT
0	Sodium	2,240	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	81,000	µg/L	MT
0	Total dissolved solids	58,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Zinc	19	µg/L	MT
0	Zinc	3.6	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB134C collected on 04/10/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	6.0 ± 3.2	pCi/L	MT
0	Nonvolatile beta	2.8 ± 2.2	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	1.3 ± 2.0	pCi/L	GE
2	Trillium	44 ± 5.0	pCi/mL	MT
2	Trillium	43 ± 5.0	pCi/mL	MT
2	Trillium	53 ± 0.80	pCi/mL	GE

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/80
 Depth to water: 18.09 ft (4.80 m) below TOC
 Water elevation: 222.01 ft (67.67 m) msl
 Sp. conductance: 237 µS/cm
 Water evacuated before sampling: 51 gal

Time: 12:45
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 17.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	MT
1	Specific conductance	265	µS/cm	MT
1	Aluminum	392	µg/L	MT
0	Antimony	< 1.0	µg/L	MT
0	Arsenic	< 2.0	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	< 3.0	µg/L	MT
0	Calcium	418	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Cobalt	< 20	µg/L	MT
0	Copper	< 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	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	< 20	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	1,200	µg/L	MT
2	Manganese	71	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nickel	< 5.2	µg/L	MT
2	Nitrate as nitrogen	26,100	µg/L	MT
1	Phenols	7.0	µg/L	MT
0	Potassium	< 600	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silica	5,930	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sodium	37,600	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	155,000	µg/L	MT
0	Total organic carbon	1,800	µg/L	MT
0	Total organic halogens	9.9	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

WELL HSB134D collected on 04/09/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Uranium	< 118	µg/L	MT
0	Zinc	< 10	µg/L	MT
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	Americium-241	1.5 ± 0.50	pCi/L	TE
1	Americium-243	0.88 ± 0.29	pCi/L	TE
0	Barium-140	< 20	pCi/L	TE
0	Beryllium-7	< 10	pCi/L	TE
1	Carbon-14	72 ± 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	< 0.10	pCi/L	TE
1	Curium-243/244	0.85 ± 0.29	pCi/L	TE
1	Curium-246	0.83 ± 0.31	pCi/L	TE
0	Gross alpha	< 3.0	pCi/L	MT
0	Gross alpha	3.3 ± 1.5	pCi/L	TE
1	Iodine-129	7.0 ± 1.8	pCi/L	TE
0	Iodine-131	< 50	pCi/L	TE
1	Iron-55	190 ± 30	pCi/L	TE
0	Iron-59	< 9.0	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Neptunium-237	< 8.0	pCi/L	TE
0	Nickel-59	< 100	pCi/L	TE
0	Nickel-63	< 10	pCi/L	TE
2	Nonvolatile beta	330 ± 40	pCi/L	MT
2	Nonvolatile beta	380 ± 10	pCi/L	TE
0	Plutonium-238	< 0.10	pCi/L	TE
0	Plutonium-239/240	< 0.080	pCi/L	TE
1	Plutonium-242	0.081 ± 0.058	pCi/L	TE
0	Potassium-40	< 40	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
0	Radium-228	< 1.0	pCi/L	TE
1	Radium-228	3.2 ± 1.4	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	210 ± 10	pCi/L	TE
1	Technetium-99	35 ± 8.0	pCi/L	TE
0	Thorium-228	< 5.0	pCi/L	TE
1	Thorium-228	5.5 ± 0.40	pCi/L	TE
1	Thorium-230	0.26 ± 0.11	pCi/L	TE
1	Thorium-232	0.31 ± 0.11	pCi/L	TE
1	Total activity	3,200 ± 40	pCi/mL	EM
0	Total radium	1.4 ± 0.40	pCi/L	MT
2	Trillium	2,500 ± 300	pCi/mL	MT
2	Trillium	3,100 ± 100	pCi/mL	TE
0	Uranium-234	< 0.40	pCi/L	TE
0	Uranium-235	< 0.30	pCi/L	TE
0	Uranium-238	< 0.30	pCi/L	TE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zirconium-95	< 4.0	pCi/L	TE

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/80
 Depth to water: 25.98 ft (7.92 m) below TOC
 Water elevation: 208.02 ft (62.80 m) msl
 Sp. conductance: 205 µS/cm
 Water evacuated before sampling: 172 gal

Time: 15:55
 pH: 7.8
 Alkalinity: 93 mg/L
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.9	pH	MT
1	Specific conductance	185	µS/cm	MT
0	Aluminum	< 40	µg/L	MT
0	Antimony	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	16	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Bromodichloromethane	< 5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB135C collected on 04/19/90, 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	<3.0	µg/L	MT
1	Calcium	35,700	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
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	485	µg/L	MT
0	Manganese	<5.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	900	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	25,300	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sodium	1,660	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	82,000	µg/L	MT
0	Total organic carbon	1,100	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
1	Total phosphates	547	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	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	1.3 ± 0.50	pCi/L	MT
2	Tritium	48 ± 5.0	pCi/ml	MT

WELL HSB135D collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Calcium	253	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	<20	µg/L	MT
0	Copper	18	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	378	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	5.9	µg/L	MT
1	Nitrate as nitrogen	7,470	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,840	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	13,500	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	53,000	µg/L	MT
0	Total dissolved solids	50,000	µg/L	MT
0	Total organic carbon	1,800	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	Uranium	<119	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	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	2,010 ± 30	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	1,800 ± 200	pCi/mL	MT

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 14.14 ft (4.31 m) below TOC
 Water elevation: 218.16 ft (66.50 m) msl
 Sp. conductance: 82 µS/cm
 Water evacuated before sampling: 62 gal

Time: 15:55
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	82	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: 11.09 ft (3.38 m) below TOC
 Water elevation: 218.81 ft (66.08 m) msl
 Sp. conductance: 484 µS/cm
 Water evacuated before sampling: 161 gal

Time: 14:35
 pH: 6.0
 Alkalinity: 15 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
1	Specific conductance	472	µS/cm	MT
0	Aluminum	53	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	81	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL HSB136C collected on 04/24/90, 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	<3.0	µg/L	MT
1	Calcium	14,700	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	N:T
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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,220	µg/L	MT
2	Manganese	78	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	5.3	µg/L	MT
2	Nitrate as nitrogen	53,200	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	3,170	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,810	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	59,800	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	396,000	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	Uranium	<119	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	<0.46	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	3.8 ± 2.3	pCi/L	MT
2	Nonvolatile beta	150 ± 20	pCi/L	MT
2	Nonvolatile beta	152 ± 9.3	pCi/L	MT
1	Total activity	10,500 ± 70	pCi/mL	EM
1	Total radium	2.8 ± 0.60	pCi/L	MT
2	Tritium	9,800 ± 1,000	pCi/mL	MT

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 7.43 ft (2.26 m) below TOC
 Water elevation: 220.57 ft (67.23 m) msl
 Sp. conductance: 368 µS/cm
 Water evacuated before sampling: 73 gal

Time: 15:25
 pH: 3.8
 Alkalinity: 0 mg/L
 Water temperature: 19.9 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	4.0	pH	MT
1	Specific conductance	352	µS/cm	MT
2	Aluminum	5,220	µg/L	MT

WELL HSB136D collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	95	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	<3.0	µg/L	MT
0	Calcium	3,020	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	1,240	µg/L	MT
2	Manganese	391	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	16	µg/L	MT
2	Nitrate as nitrogen	38,600	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	13,300	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	38,900	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	180,000	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	Uranium	<119	µg/L	MT
0	Zinc	49	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	27 ± 5.0	pCi/L	MT
2	Gross alpha	2,800 ± 300	pCi/L	MT
1	Total activity	12,800 ± 80	pCi/mL	EM
2	Total radium	31 ± 4.0	pCi/L	MT
2	Tritium	12,000 ± 2,000	pCi/mL	MT

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: 16.41 ft (5.00 m) below TOC
 Water elevation: 219.59 ft (66.93 m) msl
 Sp. conductance: 526 µS/cm
 Water evacuated before sampling: 160 gal

Time: 12:20
 pH: 5.4
 Alkalinity: 6 mg/L
 Water temperature: 22.4 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
1	Specific conductance	560	µS/cm	MT
0	Aluminum	60	µg/L	MT

ANALYTICAL RESULTS

WELL HSB137C collected on 04/24/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	MT
1	Barium	81	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	<3.0	µg/L	MT
1	Calcium	25,200	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
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	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	4,560	µg/L	MT
2	Manganese	98	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	6.4	µg/L	MT
2	Nitrate as nitrogen	65,400	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	9,820	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	57,600	µg/L	MT
0	Sulfate	3,800	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	468,000	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	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	<119	µg/L	MT
0	Zinc	43	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	170 ± 20	pCi/L	MT
1	Total activity	9,390 ± 40	pCi/mL	EM
0	Total radium	1.0 ± 0.40	pCi/L	MT
2	Tritium	9,000 ± 900	pCi/mL	MT

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 14.86 ft (4.53 m) below TOC
 Water elevation: 221.74 ft (67.59 m) msl
 Sp. conductance: 136 µS/cm
 Water evacuated before sampling: 58 gal

Time: 15.00
 pH: 4.7
 Alkalinity 0 mg/L
 Water temperature: 19.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
1	Specific conductance	142	µS/cm	MT
1	Aluminum	92	µg/L	MT

WELL HSB137D collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	2,220	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,980	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	<20	µg/L	MT
1	Copper	60	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	<20	µg/L	MT
0	Lead	2.8	µg/L	MT
0	Magnesium	1,820	µg/L	MT
2	Manganese	125	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	10	µg/L	MT
2	Nitrate as nitrogen	15,000	µg/L	MT
2	Nitrate as nitrogen	15,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	798	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,560	µg/L	MT
0	Silver	<2.0	µg/L	MT
1	Sodium	17,900	µg/L	MT
1	Sodium	18,200	µg/L	MT
0	Sulfate	1,840	µg/L	MT
0	Tetrachloroethylene	<5.0	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	<5.0	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	Uranium	<119	µg/L	MT
0	Zinc	63	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<2.0	pCi/L	TE
0	Americium-243	<3.0	pCi/L	TE
0	Barium-140	<80	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
1	Carbon-14	48 ± 7.0	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	<4.0	pCi/L	TE
1	Cobalt-60	15 ± 2.8	pCi/L	TE
0	Curium-242	<0.090	pCi/L	TE
0	Curium-243/244	<0.20	pCi/L	TE
0	Curium-246	<3.0	pCi/L	TE
0	Gross alpha	2.7 ± 1.9	pCi/L	MT
1	Gross alpha	5.8 ± 1.8	pCi/L	TE
1	Iodine-129	3.6 ± 1.4	pCi/L	TE
0	Iodine-131	<600	pCi/L	TE
1	Iron-55	810 ± 40	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<3.0	pCi/L	TE

ANALYTICAL RESULTS

WELL HSB137D collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Neptunium-237	<5.0	pCi/L	TE
0	Nickel-59	<100	pCi/L	TE
1	Nickel-63	34 ± 7.0	pCi/L	TE
2	Nonvolatile beta	270 ± 30	pCi/L	MT
2	Nonvolatile beta	430 ± 10	pCi/L	TE
0	Plutonium-238	<0.20	pCi/L	TE
0	Plutonium-239/240	<0.060	pCi/L	TE
0	Plutonium-242	<0.030	pCi/L	TE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<40	pCi/L	TE
1	Radium-226	4.2 ± 0.60	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TF
0	Ruthenium-108	<20	pCi/L	TL
0	Strontium-89	<20	pCi/L	TE
1	Strontium-90	170 ± 10	pCi/L	TE
1	Technetium-99	53 ± 6.0	pCi/L	TE
1	Thorium-228	110 ± 10	pCi/L	TE
0	Thorium-228	<4.0	pCi/L	TE
1	Thorium-230	23 ± 1.0	pCi/L	TE
1	Thorium-232	0.38 ± 0.17	pCi/L	TE
1	Total activity	4,490 ± 70	pCi/mL	EM
1	Total radium	4.0 ± 0.80	pCi/L	MT
2	Tritium	6,200 ± 700	pCi/mL	MT
2	Tritium	7,100 ± 100	pCi/mL	TE
1	Uranium-234	1.6 ± 0.50	pCi/L	TE
0	Uranium-235	<0.050	pCi/L	TE
0	Uranium-238	<0.070	pCi/L	TE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL HSB138D collected on 05/07/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	MT
1	Sodium	14,400	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	93,000	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	Uranium	<119	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	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	20 ± 4.0	pCi/L	MT
1	Total activity	1,270 ± 30	pCi/mL	EM
0	Total radium	1.5 ± 0.40	pCi/L	MT
2	Tritium	1,300 ± 200	pCi/mL	MT

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/90
 Depth to water: 30.51 ft (9.30 m) below TOC
 Water elevation: 221.89 ft (67.63 m) msl
 Sp. conductance: 70 µS/cm
 Water evacuated before sampling: 51 gal

Time: 16:45
 pH: 5.3
 Alkalinity: 3 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	Specific conductance	100	µS/cm	MT
0	Aluminum	<40	µg/L	MT
0	Antimony	<2.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	990	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	<20	µg/L	MT
0	Copper	<5.0	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)	11.4	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	3.8	µg/L	MT
0	Magnesium	565	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	<5.2	µg/L	MT
0	Nitrate as nitrogen	2,000	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,440	µg/L	MT

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 61.50 ft (18.75 m) below TOC
 Water elevation: 172.20 ft (52.49 m) msl
 Sp. conductance: 227 µS/cm
 Water evacuated before sampling: 235 gal

Time: 16:00
 pH: 7.1
 Alkalinity: 69 mg/L
 Water temperature: 19.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	MT
1	Specific conductance	242	µS/cm	MT
0	Aluminum	60	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
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
1	Calcium	39,700	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	<20	µg/L	MT
0	Copper	<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	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	<20	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	799	µg/L	MT
0	Manganese	6.6	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,750	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	35,700	µg/L	MT

ANALYTICAL RESULTS

WELL HSB139A collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	MT
0	Sodium	2,850	µg/L	MT
0	Sulfate	4,400	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	153,000	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	Uranium	<119	µg/L	MT
0	Zinc	<10	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	1.4±0.40	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL HSB139C collected on 04/04/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Sodium	41,500	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	10	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	312,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
1	Total organic halogens	20	µg/L	MT
0	Total phosphates	130	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	<119	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	2,4-Dichlorophenoxyacetic acid	<0.48	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±5.0	pCi/L	MT
1	Total activity	3,510±10	pCi/mL	EM
0	Total radium	1.8±0.50	pCi/L	MT
2	Tritium	2,800±300	pCi/mL	MT
2	Tritium	2,900±300	pCi/mL	MT

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/90
 Depth to water: 19.64 ft (5.99 m) below TOC
 Water elevation: 214.16 ft (65.28 m) msl
 Sp. conductance: 419 µS/cm
 Water evacuated before sampling: 26 gal
 The well went dry during purging.

Time: 13:05
 pH: 5.2
 Alkalinity: 3 mg/L
 Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.7	pH	MT
1	Specific conductance	406	µS/cm	MT
1	Aluminum	128	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	<3.0	µg/L	MT
1	Calcium	18,100	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
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	<20	µg/L	MT
0	Copper	<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	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	121	µg/L	MT
0	Lead	2.3	µg/L	MT
1	Magnesium	6,000	µg/L	MT
2	Manganese	225	µg/L	MT
0	Mercury	0.38	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	15	µg/L	MT
2	Nitrate as nitrogen	44,400	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,080	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	9,590	µg/L	MT
0	Silver	<2.0	µg/L	MT

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 12.00 ft (3.66 m) below TOC
 Water elevation: 221.80 ft (67.61 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 56 gal

Time: 9:00
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	34	µS/cm	MT
0	Aluminum	77	µg/L	MT
0	Antimony	<3.0	µg/L	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Calcium	995	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,200	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
1	Chromium	6.7	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Cobalt	<20	µg/L	MT
1	Copper	29	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	21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	897	µg/L	MT
1	Manganese	26	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nickel	<5.2	µg/L	MT
0	Nitrate as nitrogen	2,300	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	<600	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	5,330	µg/L	MT

ANALYTICAL RESULTS

WELL HSB139D collected on 04/25/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	MT
0	Sodium	3,250	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	1,030	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	Uranium	<119	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
0	Americium-241	<3.0	pCi/L	TE
0	Americium-243	<2.0	pCi/L	TE
0	Barium-140	<90	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Carbon-14	<10	pCi/L	TE
0	Cerium-141	<9.0	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	<4.0	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
0	Curium-246	<3.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	3.6 ± 1.3	pCi/L	TE
0	Iodine-129	<2.0	pCi/L	TE
0	Iodine-131	<500	pCi/L	TE
0	Iron-55	<50	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<2.0	pCi/L	TE
0	Neptunium-237	<4.0	pCi/L	TE
0	Nickel-59	<	pCi/L	TE
0	Nickel-63	<10	pCi/L	TE
0	Nonvolatile beta	9.1 ± 3.7	pCi/L	MT
1	Nonvolatile beta	10 ± 2.0	pCi/L	TE
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	<50	pCi/L	TE
0	Radium-226	<30	pCi/L	TE
0	Radium-228	<1.0	pCi/L	TE
0	Radium-228	<0.70	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<20	pCi/L	TE
0	Strontium-89	<5.0	pCi/L	TE
1	Strontium-90	15 ± 2.0	pCi/L	TE
0	Technetium-99	<5.0	pCi/L	TE
1	Thorium-228	160 ± 10	pCi/L	TE
0	Thorium-228	<3.0	pCi/L	TE
1	Thorium-230	39 ± 3.0	pCi/L	TE
1	Thorium-232	1.1 ± 0.50	pCi/L	TE
1	Total activity	180 ± 3.0	pCi/ml	EM
0	Total radium	<1.0	pCi/L	MT
2	Tritium	150 ± 20	pCi/ml	MT
2	Tritium	190 ± 10	pCi/ml	TE
1	Uranium-234	2.2 ± 0.60	pCi/L	TE
0	Uranium-235	<0.050	pCi/L	TE
0	Uranium-238	<0.10	pCi/L	TE
0	Zinc-65	<5.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 43.94 ft (13.39 m) below TOC
 Water elevation: 266.16 ft (81.13 m) msl
 Sp. conductance: 34 µS/cm
 Water evacuated before sampling: 23 gal
 The well went dry during purging.

Time: 10:55
 pH: 5.7
 Alkalinity: 6 mg/L
 Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Chloride	1,600	µg/L	GE
0	Nitrate as nitrogen	1,080	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	1,430	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE

WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/90
 Depth to water: 38.95 ft (11.87 m) below TOC
 Water elevation: 265.45 ft (80.91 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 82 gal

Time: 13:45
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
0	pH	5.5	pH	GE
0	pH	5.6	pH	GE
0	Specific conductance	30	µS/cm	MT
0	Specific conductance	28	µS/cm	GE
0	Specific conductance	27	µS/cm	GE
0	Chloride	2,100	µg/L	MT
0	Chloride	2,000	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Nitrate as nitrogen	810	µg/L	MT
0	Nitrate as nitrogen	960	µg/L	GE
0	Nitrate as nitrogen	940	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	1,950	µg/L	MT
0	Sodium	2,000	µg/L	GE
0	Sodium	2,080	µg/L	GE
0	Total dissolved solids	57,000	µg/L	MT
0	Total dissolved solids	36,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE

WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/90
 Depth to water: 38.95 ft (11.87 m) below TOC
 Water elevation: 265.45 ft (80.91 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 82 gal

Time: 13:45
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	pH	5.4	pH	GE
0	Specific conductance	32	µS/cm	MT
0	Specific conductance	28	µS/cm	GE
0	Chloride	2,100	µg/L	MT
0	Chloride	2,000	µg/L	GE
0	Nitrate as nitrogen	730	µg/L	MT
0	Nitrate as nitrogen	1,000	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	1,890	µg/L	MT
0	Sodium	1,920	µg/L	GE
0	Total dissolved solids	56,000	µg/L	MT
0	Total dissolved solids	35,000	µg/L	GE

ANALYTICAL RESULTS

WELL HSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 29.45 ft (8.98 m) below TOC
 Water elevation: 280.35 ft (85.45 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 38 gal
 The well went dry during purging.

Time: 10:35
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 19.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Chloride	2,900	µg/L	GE
0	Nitrate as nitrogen	1,160	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Sodium	2,340	µg/L	GE
0	Total dissolved solids	107,000	µg/L	GE

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 8.90 ft (2.71 m) below TOC
 Water elevation: 273.10 ft (83.24 m) msl
 Sp. conductance: 269 µS/cm
 Water evacuated before sampling: 3 gal

Time: 10:45
 pH: 6.7
 Water temperature: 26.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.19 ± 0.66	pCi/L	EM
0	Nonvolatile beta	6.0 ± 2.6	pCi/L	EM
2	Tritium	34 ± 1.4	pCi/mL	EM

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 8.00 ft (2.44 m) below TOC
 Water elevation: 273.80 ft (83.46 m) msl
 Sp. conductance: 197 µS/cm
 Water evacuated before sampling: 3 gal

Time: 12:30
 pH: 6.5
 Water temperature: 26.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.73 ± 0.66	pCi/L	EM
0	Nonvolatile beta	2.5 ± 1.5	pCi/L	EM
2	Tritium	30 ± 1.3	pCi/mL	EM

WELL HTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 6.00 ft (1.83 m) below TOC
 Water elevation: 274.70 ft (83.73 m) msl
 Sp. conductance: 264 µS/cm
 Water evacuated before sampling: 3 gal

Time: 13:15
 pH: 7.0
 Water temperature: 26.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.45 ± 0.89	pCi/L	EM
1	Nonvolatile beta	33 ± 6.5	pCi/L	EM
2	Tritium	31 ± 1.3	pCi/mL	EM

WELL HTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 Depth to water: 9.40 ft (2.87 m) below TOC
 Water elevation: 273.50 ft (83.36 m) msl
 Sp. conductance: 134 µS/cm
 Water evacuated before sampling: 3 gal

Time: 14:00
 pH: 6.5
 Water temperature: 27.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.59 ± 0.47	pCi/L	EM
0	Nonvolatile beta	1.3 ± 0.98	pCi/L	EM
2	Tritium	33 ± 1.4	pCi/mL	EM

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/90
 Depth to water: 51.50 ft (15.70 m) below TOC
 Water elevation: 272.50 ft (83.06 m) msl
 Sp. conductance: 87 µS/cm
 Water evacuated before sampling: 3 gal

Time: 11:00
 pH: 6.0
 Water temperature: 31.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.6 ± 1.9	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	0.36 ± 0.36	pCi/L	EM
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	4.7 ± 3.6	pCi/L	GE
0	Nonvolatile beta	2.0 ± 1.1	pCi/L	EM
2	Tritium	110 ± 20	pCi/mL	MT
2	Tritium	148 ± 1.4	pCi/mL	GE
2	Tritium	121 ± 2.5	pCi/mL	EM

WELL HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90
 Depth to water: 51.00 ft (15.54 m) below TOC
 Water elevation: 271.70 ft (82.82 m) msl
 Sp. conductance: 10 µS/cm
 No water was evacuated before sampling.

Time: 10:00
 pH: 5.7
 Water temperature: 27.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.27 ± 0.35	pCi/L	EM
0	Nonvolatile beta	2.0 ± 1.1	pCi/L	EM
2	Tritium	101 ± 2.4	pCi/mL	EM

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90
 Depth to water: 50.50 ft (15.39 m) below TOC
 Water elevation: 272.30 ft (83.00 m) msl
 Sp. conductance: 46 µS/cm
 No water was evacuated before sampling.

Time: 10:20
 pH: 6.4
 Water temperature: 27.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	-0.10 ± 0.16	pCi/L	EM
0	Nonvolatile beta	1.2 ± 0.93	pCi/L	EM
2	Tritium	101 ± 2.3	pCi/mL	EM

ANALYTICAL RESULTS

WELL HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/90
 Depth to water: 50.80 ft (15.48 m) below TOC
 Water elevation: 272.10 ft (82.94 m) msl
 Sp. conductance: 65 µS/cm
 Water evacuated before sampling: 3 gal

Time: 9:45
 pH: 6.0
 Water temperature: 28.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.36±0.37	pCi/L	EM
0	Nonvolatile beta	1.8±1.0	pCi/L	EM
2	Tritium	193±3.1	pCi/mL	EM

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/90
 Depth to water: 52.00 ft (15.85 m) below TOC
 Water elevation: 272.40 ft (83.03 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 3 gal

Time: 10:10
 pH: 7.1
 Water temperature: 28.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0±0.21	pCi/L	EM
0	Nonvolatile beta	0.73±0.83	pCi/L	EM
2	Tritium	22±1.2	pCi/mL	EM

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/90
 The well was dry.

Time: 14:45

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/90
 Depth to water: 50.00 ft (15.24 m) below TOC
 Water elevation: 272.50 ft (83.08 m) msl
 Sp. conductance: 57 µS/cm
 Water evacuated before sampling: 3 gal

Time: 10:35
 pH: 5.3
 Water temperature: 29.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.29±0.37	pCi/L	EM
0	Nonvolatile beta	0.70±0.85	pCi/L	EM
2	Tritium	44±1.5	pCi/mL	EM

WELL HTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/90
 Depth to water: 32.00 ft (9.75 m) below TOC
 Water elevation: 268.30 ft (81.78 m) msl
 Sp. conductance: 44 µS/cm
 Water evacuated before sampling: 3 gal

Time: 12:30
 pH: 5.5
 Water temperature: 26.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.11±0.17	pCi/L	EM
0	Nonvolatile beta	1.7±1.0	pCi/L	EM
2	Tritium	28±1.3	pCi/mL	EM

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: 29.00 ft (8.84 m) below TOC
 Water elevation: 281.20 ft (79.61 m) msl
 Sp. conductance: 72 µS/cm
 Water evacuated before sampling: 3 gal

Time: 10:03
 pH: 6.0
 Water temperature: 23.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.38±0.40	pCi/L	EM
0	Nonvolatile beta	2.0±1.1	pCi/L	EM
2	Tritium	40±1.5	pCi/mL	EM

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: 53.50 ft (16.31 m) below TOC
 Water elevation: 270.20 ft (82.38 m) msl
 Sp. conductance: 58 µS/cm
 Water evacuated before sampling: 3 gal

Time: 13:15
 pH: 5.4
 Water temperature: 27.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.26±0.33	pCi/L	EM
0	Nonvolatile beta	2.2±1.1	pCi/L	EM
1	Tritium	15±1.0	pCi/mL	EM

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: 54.50 ft (16.61 m) below TOC
 Water elevation: 270.30 ft (82.39 m) msl
 Sp. conductance: 35 µS/cm
 Water evacuated before sampling: 3 gal

Time: 13:45
 pH: 5.9
 Water temperature: 29.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.36±0.38	pCi/L	EM
0	Nonvolatile beta	1.4±0.97	pCi/L	EM
0	Tritium	9.5±0.88	pCi/mL	EM

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: 58.00 ft (17.68 m) below TOC
 Water elevation: 266.90 ft (81.35 m) msl
 Sp. conductance: 48 µS/cm
 Water evacuated before sampling: 3 gal

Time: 14:30
 pH: 5.3
 Water temperature: 30.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0±0.24	pCi/L	EM
0	Nonvolatile beta	1.1±0.83	pCi/L	EM
2	Tritium	26±1.2	pCi/mL	EM

ANALYTICAL RESULTS

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 11:20
 Depth to water: 57.00 ft (17.37 m) below TOC pH: 5.2
 Water elevation: 287.70 ft (81.60 m) msl
 Sp. conductance: 57 µS/cm Water temperature: 28.4°C
 No water was evacuated before sampling.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.4±0.64	pCi/L	EM
0	Nonvolatile beta	2.8±1.2	pCi/L	EM
2	Tritium	22±1.1	pCi/mL	EM

WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90 Time: 14:40
 Depth to water: 58.80 ft (17.92 m) below TOC pH: 6.2
 Water elevation: 274.70 ft (83.73 m) msl
 Sp. conductance: 139 µS/cm Water temperature: 28.6°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	-0.030±0.28	pCi/L	EM
0	Nonvolatile beta	4.1±1.5	pCi/L	EM
1	Tritium	15±0.10	pCi/mL	EM

WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90 Time: 13:50
 Depth to water: 80.00 ft (18.29 m) below TOC pH: 6.2
 Water elevation: 274.00 ft (83.52 m) msl
 Sp. conductance: 92 µS/cm Water temperature: 26.0°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.39±0.42	pCi/L	EM
0	Nonvolatile beta	2.5±1.2	pCi/L	EM
2	Tritium	27±1.3	pCi/mL	EM

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90 Time: 13:20
 Depth to water: 60.10 ft (18.32 m) below TOC pH: 5.7
 Water elevation: 273.80 ft (83.46 m) msl
 Sp. conductance: 46 µS/cm Water temperature: 25.0°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0±0.22	pCi/L	EM
0	Nonvolatile beta	0.69±0.83	pCi/L	EM
2	Tritium	32±1.4	pCi/mL	EM

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/90 Time: 14:15
 Depth to water: 50.50 ft (15.39 m) below TOC pH: 6.2
 Water elevation: 283.60 ft (86.50 m) msl
 Sp. conductance: 38 µS/cm Water temperature: 29.7°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.18±0.30	pCi/L	EM
0	Nonvolatile beta	0.58±0.81	pCi/L	EM
1	Tritium	19±1.1	pCi/mL	EM

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90 Time: 12:45
 Depth to water: 81.80 ft (18.78 m) below TOC pH: 5.6
 Water elevation: 273.90 ft (83.49 m) msl
 Sp. conductance: 91 µS/cm Water temperature: 25.3°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.4±0.87	pCi/L	EM
1	Nonvolatile beta	13±2.8	pCi/L	EM
1	Tritium	15±1.0	pCi/mL	EM

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/90 Time: 13:15
 Depth to water: 56.00 ft (17.07 m) below TOC pH: 4.7
 Water elevation: 277.10 ft (84.46 m) msl
 Sp. conductance: 115 µS/cm Water temperature: 26.4°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.2±0.87	pCi/L	EM
0	Nonvolatile beta	7.3±1.9	pCi/L	EM
1	Tritium	14±1.0	pCi/mL	EM

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/90 Time: 12:50
 Depth to water: 59.00 ft (17.98 m) below TOC pH: 6.5
 Water elevation: 274.70 ft (83.73 m) msl
 Sp. conductance: 32 µS/cm Water temperature: 25.6°C
 Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	84±20	pCi/L	MT
1	Gross alpha	9.9±3.7	pCi/L	GE
0	Gross alpha	0.26±0.33	pCi/L	EM
2	Nonvolatile beta	84±20	pCi/L	MT
1	Nonvolatile beta	13±4.8	pCi/L	GE
0	Nonvolatile beta	0.26±0.74	pCi/L	EM
0	Tritium	9.3±1.0	pCi/mL	MT
1	Tritium	12±0.50	pCi/mL	GE
0	Tritium	9.7±0.88	pCi/mL	EM

ANALYTICAL RESULTS

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90
 Depth to water: 58.90 ft (17.95 m) below TOC
 Water elevation: 274.80 ft (83.70 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 3 gal

Time: 15:20
 pH: 5.8
 Water temperature: 25.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.83 ± 0.45	pCi/L	EM
0	Nonvolatile beta	0.46 ± 0.79	pCi/L	EM
1	Tritium	20 ± 1.1	pCi/mL	EM

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/90
 Depth to water: 51.30 ft (15.64 m) below TOC
 Water elevation: 278.40 ft (84.25 m) msl
 Sp. conductance: 48 µS/cm
 Water evacuated before sampling: 3 gal

Time: 13:45
 pH: 6.0
 Water temperature: 29.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.63 ± 0.46	pCi/L	EM
0	Nonvolatile beta	1.5 ± 1.0	pCi/L	EM
1	Tritium	10 ± 0.86	pCi/mL	EM

WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90
 Depth to water: 54.20 ft (16.52 m) below TOC
 Water elevation: 274.90 ft (83.79 m) msl
 Sp. conductance: 48 µS/cm
 Water evacuated before sampling: 3 gal

Time: 12:30
 pH: 5.6
 Water temperature: 25.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.55 ± 0.44	pCi/L	EM
0	Nonvolatile beta	1.3 ± 0.96	pCi/L	EM
1	Tritium	12 ± 0.94	pCi/mL	EM

WELL HWS 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90
 Depth to water: 82.18 ft (25.05 m) below TOC
 Water elevation: 242.42 ft (73.89 m) msl
 Sp. conductance: 26 µS/cm
 Water evacuated before sampling: 3 gal
 The well went dry during purging

Time: 14:35
 pH: 5.4
 Alkalinity: 3 mg/L
 Water temperature: 22.9°C

WELL HWS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90
 Depth to water: 80.28 ft (24.47 m) below TOC
 Water elevation: 242.92 ft (74.04 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 72 gal

Time: 10:15
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 21.4°C

WELL HXB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 57.37 ft (17.49 m) below TOC
 Water elevation: 248.83 ft (75.84 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 90 gal

Time: 15:40
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 22.0°C

WELL HXB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 54.77 ft (16.69 m) below TOC
 Water elevation: 249.83 ft (76.09 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 98 gal

Time: 14:55
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 21.0°C

WELL HXB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 55.03 ft (16.77 m) below TOC
 Water elevation: 249.17 ft (75.95 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 98 gal

Time: 15:20
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 21.8°C

WELL IDB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90
 Depth to water: 109.10 ft (33.25 m) below TOC
 Water elevation: 187.70 ft (57.21 m) msl
 Sp. conductance: 1488 µS/cm
 Water evacuated before sampling: 16 gal
 The well went dry during purging.

Time: 12:55
 pH: 11.9
 Alkalinity: 334 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
1	Specific conductance	1,520	µS/cm	GE
2	Aluminum	4,400	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
1	Barium	170	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	38,000	µg/L	GE
1	Carbonate	625,000	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Fluoride	270	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	10	µg/L	GE
1	Lead	24	µg/L	GE
0	Magnesium	4.5	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	20	µg/L	GE
1	Phenols	6.0	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Silica	4,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
1	Sulfate	14,200	µg/L	GE
1	Total carbon	1,000	µg/L	GE
0	Total dissolved solids	372,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL IDB 1A collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc	4.8	µg/L	GE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<40	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	<4.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<80	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	Nonvolatile beta	3.9 ± 4.1	pCi/L	GE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<90	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Tritium	<0.70	pCi/mL	GE
0	Zinc-65	<6.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL IDB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90
 Depth to water: 113.64 ft (34.64 m) below TOC
 Water elevation: 183.66 ft (55.98 m) msl
 Sp. conductance: 385 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 12:35
 pH: 11.2
 Alkalinity: 83 mg/L
 Water temperature: 23.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	359	µS/cm	GE
2	Aluminum	1,200	µg/L	GE
1	Antimony	13	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	21,000	µg/L	GE
1	Calcium	27,400	µg/L	GE
1	Carbonate	164,000	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	14	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	21	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
1	Phenols	77	µg/L	GE
1	Potassium	11,000	µg/L	GE
1	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,000	µg/L	GE
0	Sulfate	9,600	µg/L	GE
1	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	148,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
1	Uranium	1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.8	µg/L	GE
0	Barium-140	<40	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	<8.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<100	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE

WELL IDB 1B collected on 08/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Neptunium-237	<10	pCi/L	TE
0	Nonvolatile beta	8.5 ± 3.9	pCi/L	GE
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	Thorium-228	<10	pCi/L	TE
0	Tritium	<0.70	pCi/mL	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL IDB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
 Depth to water: 58.17 ft (17.73 m) below TOC
 Water elevation: 239.03 ft (72.86 m) msl
 Sp. conductance: 24 µS/cm
 Water evacuated before sampling: 112 gal

Time: 12:50
 pH: 5.2
 Alkalinity: 2 mg/L
 Water temperature: 24.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Specific conductance	23	µS/cm	GE
0	Aluminum	26	µg/L	GE
0	Aluminum	27	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Antimony	5.2	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Barium	5.7	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	870	µg/L	GE
0	Calcium	900	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chloride	1,400	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	21	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Manganese	4.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	770	µg/L	GE
0	Nitrate as nitrogen	720	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	5,800	µg/L	GE
0	Silica	6,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sodium	1,300	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	28,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE

ANALYTICAL RESULTS

WELL IDB 1C collected on 06/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Total inorganic carbon	3,000	µg/L	GE
1	Total inorganic carbon	3,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	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	9.7	µg/L	GE
0	Zinc	10	µg/L	GE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<40	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	<4.0	pCi/L	TE
0	Cobalt-60	<3.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<80	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	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<70	pCi/L	TE
0	Ruthenium-103	<6.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<6.0	pCi/L	TE
0	Tritium	<0.70	pCi/ml	GE
0	Tritium	<0.70	pCi/ml	GE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL IDB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90
 Depth to water: 58.17 ft (17.73 m) below TOC
 Water elevation: 239.03 ft (72.86 m) msl
 Sp. conductance: 24 µS/cm
 Water evacuated before sampling: 112 gal

Time: 12:50
 pH: 5.2
 Alkalinity: 2 mg/L
 Water temperature: 24.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<70	pCi/L	TE
0	Cerium-141	<40	pCi/L	TE
0	Cerium-144	<100	pCi/L	TE
0	Cesium-134	<4.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Iodine-131	<100	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	Potassium-40	<60	pCi/L	TE
0	Radium-226	<200	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL IDB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90
 Depth to water: 117.11 ft (35.70 m) below TOC
 Water elevation: 187.19 ft (57.06 m) msl
 Sp. conductance: 55 µS/cm
 Water evacuated before sampling: 560 gal

Time: 15:30
 pH: 5.9
 Alkalinity: 5 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	54	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,400	µg/L	GE
0	Carbonate	<1,000	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	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
2	Iron	1,100	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	220	µg/L	GE
1	Manganese	29	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	930	µg/L	GE
0	Silica	9,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	9,100	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	21	µg/L	GE
0	Barium-140	<40	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	Gross alpha	3.4 ± 2.4	pCi/L	GE
0	Iodine-131	<100	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	Nonvolatile beta	3.3 ± 3.8	pCi/L	GE
0	Potassium-40	<70	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	Thorium-228	<10	pCi/L	TE
0	Tritium	<0.70	pCi/ml	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

ANALYTICAL RESULTS

WELL IDB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
 Depth to water: 129.83 ft (39.51 m) below TOC
 Water elevation: 178.07 ft (53.67 m) msl
 Sp. conductance: 1201 µS/cm
 Water evacuated before sampling: 156 gal

Time: 15:00
 pH: 11.4
 Alkalinity: 177 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
0	Specific conductance	80	µS/cm	GE
2	Aluminum	1,300	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	97	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	35,000	µg/L	GE
1	Carbonate	389,000	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	19	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Nitrite as nitrogen	19	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	8,700	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	6,800	µg/L	GE
1	Sulfate	15,400	µg/L	GE
1	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	245,000	µg/L	GE
1	Total inorganic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Uranium	2,000	µg/L	GE
1	Vanadium	10	µg/L	GE
0	Zinc	2.8	µg/L	GE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cesium-141	<20	pCi/L	TE
0	Cesium-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	Gross alpha	<2.0	pCi/L	TE
0	Iodine-131	<100	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	7.1 ± 4.4	pCi/L	GE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Tritium	<0.70	pCi/mL	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL IDB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
 Depth to water: 74.17 ft (22.81 m) below TOC
 Water elevation: 232.23 ft (70.78 m) msl
 Sp. conductance: 241 µS/cm
 Water evacuated before sampling: 73 gal

Time: 13:40
 pH: 10.8
 Alkalinity: 87 mg/L
 Water temperature: 24.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.5	pH	GE
0	Specific conductance	81	µS/cm	GE
1	Aluminum	320	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	70	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	24,000	µg/L	GE
1	Carbonate	20,500	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	9.4	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Manganese	2.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	580	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,700	µg/L	GE
0	Silica	8,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,700	µg/L	GE
0	Sulfate	1,400	µg/L	GE
1	Total carbon	10,000	µg/L	GE
0	Total dissolved solids	59,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<50	pCi/L	TE
0	Cesium-141	<10	pCi/L	TE
0	Cesium-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	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<100	pCi/L	TE
0	Iron-59	<10	pCi/L	TE
0	Manganese-54	<4.0	pCi/L	TE
0	Neptunium-237	<9.0	pCi/L	TE
0	Nonvolatile beta	<2.0	pCi/L	GE
1	Potassium-40	550 ± 60	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Tritium	<0.70	pCi/mL	GE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL IDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
 The well was dry.

Time: 15:55

ANALYTICAL RESULTS

WELL IDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90 Time: 18:35
 Depth to water: 70.25 ft (21.41 m) below TOC pH: 8.6
 Water elevation: 248.35 ft (75.69 m) msd Alkalinity: 3 mg/L
 Sp. conductance: 27 µS/cm Water temperature: 22.3°C
 Water evacuated before sampling: 18 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Aluminum	25	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	3,300	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chloride	840	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	150	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	Nitrate as nitrogen	570	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	5,200	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	9.4	µg/L	GE
0	Barium-140	< 30	pCi/L	TE
0	Beryllium-7	< 50	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	< 4.0	pCi/L	TE
0	Cobalt-60	< 4.0	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	GE
0	Iodine-131	< 100	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	Nonvolatile beta	< 2.0	pCi/L	GE
0	Potassium-40	< 50	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
0	Ruthenium-103	< 7.0	pCi/L	TE
0	Ruthenium-108	< 30	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
0	Tritium	2.1 ± 0.30	pCi/ml	GE
0	Zinc-65	< 8.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE

WELL IDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/90 Time: 10:00
 Depth to water: 77.84 ft (23.68 m) below TOC pH: 8.5
 Water elevation: 244.28 ft (74.45 m) msd Alkalinity: 16 mg/L
 Sp. conductance: 48 µS/cm Water temperature: 21.2°C
 Water evacuated before sampling: 3 gal
 The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.3	pH	GE
0	Specific conductance	48	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Barium	5.9	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbonate	< 1,000	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
0	Iodine	< 100	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	150	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
1	Nickel	15	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	1,700	µg/L	GE
0	Silica	4,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	8,100	µg/L	GE
0	Sulfate	1,100	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	88	µg/L	GE
0	Barium-140	< 30	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	< 3.0	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
0	Gross alpha	< 2.0	pCi/L	GE
0	Iodine-131	< 100	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	Nonvolatile beta	4.1 ± 3.7	pCi/L	GE
0	Potassium-40	< 50	pCi/L	TE
0	Radium-226	< 80	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-108	< 30	pCi/L	TE
0	Thorium-228	< 7.0	pCi/L	TE
0	Tritium	1.4 ± 0.30	pCi/ml	GE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE

ANALYTICAL RESULTS

WELL IDB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: 65.01 ft (19.82 m) below TOC
 Water elevation: 253.89 ft (77.42 m) msl
 Sp. conductance: 16 µS/cm
 Water evacuated before sampling: 35 gal

Time: 12:05
 pH: 6.2
 Alkalinity: 1 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Aluminum	28	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	380	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chloride	1,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	13	µg/L	GE
0	Magnesium	160	µg/L	GE
0	Manganese	3.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	860	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
1	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.2	µg/L	GE
0	Barium-140	<40	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	<8.0	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	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<100	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	Nonvolatile beta	<2.0	pCi/L	GE
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	Thorium-228	<9.0	pCi/L	TE
0	Tritium	1.1 ± 0.30	pCi/ml	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

WELL IDB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: 58.92 ft (17.96 m) below TOC
 Water elevation: 254.48 ft (77.57 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 34 gal

Time: 10:55
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	33	µS/cm	GE
1	Aluminum	81	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	9.2	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	150	µg/L	GE
0	Carbonate	<1,000	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	10	µg/L	GE
0	Magnesium	430	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	1,010	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	5,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.2	µg/L	GE
0	Barium-140	<30	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	<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	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<90	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	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<50	pCi/L	TE
0	Radium-226	<70	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<6.6	pCi/L	TE
0	Tritium	2.6 ± 0.30	pCi/ml	GE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

ANALYTICAL RESULTS

WELL IDB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/80
 Depth to water: 55.81 ft (17.01 m) below TOC
 Water elevation: 237.29 ft (72.33 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 3 gal
 The well went dry during purging.

Time: 13:45
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 28.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.1	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	43	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	660	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chloride	930	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	12	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	3.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	930	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	4,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	35,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<40	pCi/L	TE
0	Cerium-141	<9.0	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	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<80	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	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<40	pCi/L	TE
0	Radium-226	<50	pCi/L	TE
0	Ruthenium-103	<5.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<5.0	pCi/L	TE
0	Tritium	0.93 ± 0.30	pCi/ml	GE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL IDP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/80
 Depth to water: 82.58 ft (25.18 m) below TOC
 Sp. conductance: 43 µS/cm
 Water evacuated before sampling: 51 gal

Time: 8:15
 pH: 5.4
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Aluminum	23	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
U	Iodine	<100	µg/L	GE
0	Iron	7.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	730	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	4,300	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
1	Phenols	6.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	4,800	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	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	10	µg/L	GE
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	<6.0	pCi/L	TE
0	Cobalt-60	<6.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
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	Nonvolatile beta	<2.0	pCi/L	GE
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	Thorium-228	<10	pCi/L	TE
1	Total activity	5.3 ± 1.0	pCi/ml	EM
0	Tritium	1.5 ± 0.30	pCi/ml	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

ANALYTICAL RESULTS

WELL IDP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/80
 Depth to water: 66.41 ft (20.24 m) below TOC
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 42 gal

Time: 8:45
 pH: 5.2
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	27	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	5.9	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Carbonate	<1,000	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	<4.0	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	510	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,080	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
0	Sodium	1,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	12	µg/L	GE
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	<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	Gross alpha	<2.0	pCi/L	GE
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	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
1	Total activity	5.3 ± 1.1	pCi/mL	EM
0	Tritium	2.0 ± 0.30	pCi/mL	GE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL IDP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/80
 Depth to water: 118.40 ft (36.09 m) below TOC
 Water elevation: 185.60 ft (50.48 m) msl
 Sp. conductance: 44 µS/cm
 Water evacuated before sampling: 656 gal

Time: 11:00
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Aluminum	22	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	9.7	µg/L	GE
0	Barium	9.8	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	3,800	µg/L	GE
0	Calcium	4,000	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Carbonate	<1,000	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	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	709	µg/L	GE
2	Iron	740	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Magnesium	329	µg/L	GE
0	Manganese	18	µg/L	GE
0	Manganese	17	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	790	µg/L	GE
0	Potassium	800	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silica	9,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Sulfate	9,600	µg/L	GE
0	Sulfate	9,500	µg/L	GE
1	Total carbon	8,000	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total dissolved solids	35,000	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	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	10	µg/L	GE
0	Zinc	11	µg/L	GE
0	Barium-140	<40	pCi/L	TE
0	Barium-140	<40	pCi/L	TE
0	Beryllium-7	<70	pCi/L	TE
0	Beryllium-7	<60	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE

ANALYTICAL RESULTS

WELL IDP 3A collected on 06/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE
0	Cesium-134	<8.0	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	<6.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<100	pCi/L	TE
0	Iodine-131	<100	pCi/L	TE
0	Iron-59	<20	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	<8.0	pCi/L	TE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<70	pCi/L	TE
0	Potassium-40	<80	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	<8.0	pCi/L	TE
0	Ruthenium-106	<50	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Tritium	<0.70	pCi/mL	GE
0	Tritium	<0.70	pCi/mL	GE
0	Zinc-65	<10	pCi/L	TE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL IDP 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90
 Depth to water: 130.84 ft (39.88 m) below TOC
 Water elevation: 153.68 ft (46.84 m) msl
 Sp. conductance: 355 µS/cm
 Water evacuated before sampling: 150 gal

Time: 10:40
 pH: 10.8
 Alkalinity: 85 mg/L
 Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	252	µS/cm	GE
2	Aluminum	478	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	22,800	µg/L	GE
1	Calcium	28,400	µg/L	GE
1	Carbonate	154,000	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
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	89	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	360	µg/L	GE
0	Nitrite as nitrogen	54	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	7,500	µg/L	GE
1	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,600	µg/L	GE
0	Sulfate	3,800	µg/L	GE
1	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	136,000	µg/L	GE
1	Total inorganic carbon	3,000	µg/L	GE

WELL IDP 3B collected on 06/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.2	µg/L	GE
0	Barium-140	<40	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	<4.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<100	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	8.7 ± 3.8	pCi/L	GE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Tritium	<0.70	pCi/mL	GE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL IDP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90
 Depth to water: 87.75 ft (26.75 m) below TOC
 Water elevation: 197.25 ft (60.12 m) msl
 Sp. conductance: 388 µS/cm
 Water evacuated before sampling: 14 gal
 The well went dry during purging.

Time: 11:50
 pH: 10.8
 Alkalinity: 79 mg/L
 Water temperature: 26.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	345	µS/cm	GE
0	Aluminum	43	µg/L	GE
0	Antimony	<3.0	µg/L	GE
1	Barium	56	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,500	µg/L	GE
1	Carbonate	154,000	µg/L	GE
0	Chloride	1,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	110	µg/L	GE
0	Magnesium	130	µg/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	810	µg/L	GE
0	Nitrite as nitrogen	49	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	26,000	µg/L	GE
0	Silica	8,200	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	1,000	µg/L	GE
0	Total dissolved solids	132,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.1	µg/L	GE
0	Barium-140	<30	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	<5.0	pCi/L	TE
0	Cobalt-58	<5.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE

ANALYTICAL RESULTS

WELL IDP 3C collected on 08/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Iodine-131	< 100	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
1	Nonvolatile beta	31 ± 4.2	pCi/L	GE
0	Potassium-40	< 200	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Ruthenium-103	< 8.0	pCi/L	TE
0	Ruthenium-106	< 40	pCi/L	TE
0	Thorium-228	< 9.0	pCi/L	TE
0	Tritium	< 0.70	pCi/mL	GE
0	Zinc-65	< 10	pCi/L	TE
0	Zirconium-95	< 6.0	pCi/L	TE

WELL IDP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90
The well was dry.

Time: 9:45

WELL IDP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
The well was dry.

Time: 10:00

WELL IDP 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
Depth to water: 59.54 ft (18.15 m) below TOC
Water elevation: 194.16 ft (59.18 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 20 gal

Time: 9:45
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Aluminum	23	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,900	µg/L	GE
0	Carbonate	< 1,000	µg/L	GE
0	Chloride	3,400	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	12	µg/L	GE
0	Magnesium	830	µg/L	GE
0	Manganese	9.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	4.3	µg/L	GE
0	Nitrate as nitrogen	2,330	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	2,400	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	50,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	20	µg/L	GE
0	Barium-140	< 30	pCi/L	TE
0	Beryllium-7	< 50	pCi/L	TE
0	Cerium-141	< 20	pCi/L	TE

WELL IDP 5 collected on 08/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	< 4.0	pCi/L	TE
0	Cobalt-60	< 5.0	pCi/L	TE
0	Gross alpha	2.1 ± 1.5	pCi/L	GE
0	Iodine-131	< 100	pCi/L	TE
0	Iron-59	< 10	pCi/L	TE
0	Manganese-54	< 4.0	pCi/L	TE
0	Neptunium-237	< 9.0	pCi/L	TE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Potassium-40	< 60	pCi/L	TE
0	Radium-226	< 100	pCi/L	TE
0	Ruthenium-103	< 7.0	pCi/L	TE
0	Ruthenium-106	< 30	pCi/L	TE
0	Thorium-228	< 9.0	pCi/L	TE
0	Tritium	2.4 ± 0.30	pCi/mL	GE
0	Zinc-65	< 7.0	pCi/L	TE
0	Zirconium-95	< 5.0	pCi/L	TE

WELL IDP 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
Depth to water: 64.61 ft (19.69 m) below TOC
Water elevation: 196.89 ft (60.01 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 32 gal

Time: 8:50
pH: 5.8
Alkalinity: 5 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Aluminum	34	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Barium	8.0	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	Carbonate	< 1,000	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	4.8	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	33	µg/L	GE
2	Lead	28	µg/L	GE
0	Magnesium	890	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	2,910	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	670	µg/L	GE
0	Silica	6,800	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	8,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	59	µg/L	GE
0	Barium-140	< 30	pCi/L	TE
0	Beryllium-7	< 40	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	< 4.0	pCi/L	TE
0	Cobalt-60	< 3.0	pCi/L	TE
0	Gross alpha	< 2.0	pCi/L	GE
0	Iodine-131	< 80	pCi/L	TE
0	Iron-59	< 9.0	pCi/L	TE
0	Manganese-54	< 3.0	pCi/L	TE
0	Neptunium-237	< 6.0	pCi/L	TE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Potassium-40	< 40	pCi/L	TE
0	Radium-226	< 60	pCi/L	TE

ANALYTICAL RESULTS

WELL IDP 8 collected on 08/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<5.0	pCi/L	TE
0	Tritium	1.8±0.30	pCi/mL	GE
0	Zinc-65	<8.0	pCi/L	TE
0	Zirconium-95	<4.0	pCi/L	TE

WELL IDP 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/90
 Depth to water: 52.32 ft (15.95 m) below TOC
 Water elevation: 196.18 ft (59.80 m) msl
 Sp. conductance: 51 µS/cm
 Water evacuated before sampling: 25 gal

Time: 14:30
 pH: 8.1
 Alkalinity: 2 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.2	pH	GE
0	Specific conductance	48	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,200	µg/L	GE
0	Carbonate	<1,000	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	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	540	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	990	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	5,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	65	µg/L	GE
0	Barium-140	<40	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	<6.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
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	Nonvolatile beta	<2.0	pCi/L	GE
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	Thorium-228	<10	pCi/L	TE
0	Tritium	1.9±0.30	pCi/mL	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL IDP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
 Depth to water: 70.22 ft (21.40 m) below TOC
 Water elevation: 194.18 ft (59.19 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 23 gal

Time: 8:00
 pH: 5.8
 Alkalinity: 8 mg/L
 Water temperature: 19.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Aluminum	23	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	Carbonate	<1,000	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	5.9	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	11	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	540	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
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	35,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	36	µg/L	GE
0	Barium-140	<40	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	<6.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
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	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<90	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Thorium-228	<8.0	pCi/L	TE
0	Tritium	3.9±0.40	pCi/mL	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

ANALYTICAL RESULTS

WELL IDP 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90 Time: 9:30
 Depth to water: 73.50 ft (22.40 m) below TOC pH: 5.8
 Water elevation: 198.40 ft (60.47 m) msl
 Sp. conductance: 32 µS/cm Water temperature: 22.8°C
 Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,100	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chloride	1,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	370	µg/L	GE
0	Manganese	17	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	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	610	µg/L	GE
0	Silica	4,900	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	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	43,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	28	µg/L	GE
0	Barium-140	<50	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	Gross alpha	<2.0	pCi/L	GE
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	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<70	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	Thorium-228	<10	pCi/L	TE
0	Tritium	2.4 ± 0.40	pCi/mL	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL IDP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90 Time: 8:30
 The well was dry.

WELL IDQ 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90 Time: 8:25
 The well was dry.

WELL IDQ 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90 Time: 14:15
 Depth to water: Not available pH: 6.7
 Water elevation: Not available Alkalinity: 40 mg/L
 Sp. conductance: 105 µS/cm Water temperature: 23.5°C
 Water evacuated before sampling: 3 gal
 The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	GE
0	Specific conductance	99	µS/cm	GE
0	Aluminum	26	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	13,000	µg/L	GE
0	Carbonate	<1,000	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.3	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	390	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	12,000	µg/L	GE
0	Total dissolved solids	148,000	µg/L	GE
1	Total inorganic carbon	11,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	85	µg/L	GE
0	Barium-140	<30	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	<5.0	pCi/L	TE
0	Cobalt-58	<6.0	pCi/L	TE
0	Cobalt-60	<4.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<100	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	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<200	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Thorium-228	<9.0	pCi/L	TE
0	Tritium	1.5 ± 0.30	pCi/mL	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

ANALYTICAL RESULTS

WELL IDQ 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 41.25 ft (12.57 m) below TOC
 Water elevation: 184.05 ft (50.00 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 920 gal

Time: 10:30
 pH: 5.7
 Alkalinity: 4 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	9.3	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	Carbonate	<1,000	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
2	Iron	1,400	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	290	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	<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	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	990	µg/L	GE
0	Sulfate	9,400	µg/L	GE
1	Total carbon	9,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.4	µg/L	GE
0	Barium-140	<50	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	Gross alpha	<2.0	pCi/L	GE
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	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<70	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	Thorium-228	<10	pCi/L	TE
0	Tillium	<0.70	pCi/mL	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<7.0	pCi/L	TE

WELL IDQ 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 41.25 ft (12.57 m) below TOC
 Water elevation: 184.05 ft (50.00 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 920 gal

Time: 10:30
 pH: 5.7
 Alkalinity: 4 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Barium-140	<50	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<30	pCi/L	TE
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-137	<5.0	pCi/L	TE
0	Cobalt-58	<6.0	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	<9.0	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<90	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<6.0	pCi/L	TE

WELL IDQ 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 69.82 ft (21.28 m) below TOC
 Water elevation: 135.78 ft (41.39 m) msl
 Sp. conductance: 134 µS/cm
 Water evacuated before sampling: 72 gal

Time: 10:45
 pH: 8.5
 Alkalinity: 48 mg/L
 Water temperature: 22.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.5	pH	GE
1	Specific conductance	130	µS/cm	GE
1	Aluminum	180	µg/L	GE
1	Antimony	3.0	µg/L	GE
0	Barium	37	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	13,000	µg/L	GE
1	Calcium	12,000	µg/L	GE
1	Carbonate	41,000	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	300	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	140	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,300	µg/L	GE
1	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	8,400	µg/L	GE
0	Sulfate	9,300	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	91,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	10	µg/L	GE
0	Barium-140	<40	pCi/L	TE
0	Beryllium-7	<80	pCi/L	TE
0	Cerium-141	<20	pCi/L	TE
0	Cerium-144	<40	pCi/L	TE

ANALYTICAL RESULTS

WELL IDQ 3B collected on 06/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cesium-134	<5.0	pCi/L	TE
0	Cesium-137	<8.0	pCi/L	TE
0	Cobalt-58	<8.0	pCi/L	TE
0	Cobalt-60	<5.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<100	pCi/L	TE
0	Iron-59	<20	pCi/L	TE
0	Manganese-54	<5.0	pCi/L	TE
0	Neptunium-237	<8.0	pCi/L	TE
0	Nonvolatile beta	3.0±2.1	pCi/L	GE
0	Potassium-40	<80	pCi/L	TE
0	Radium-226	<100	pCi/L	TE
0	Ruthenium-103	<9.0	pCi/L	TE
0	Ruthenium-106	<40	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Tritium	<0.70	pCi/mL	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL IDQ 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 48.10 ft (14.05 m) below TOC
 Water elevation: 180.40 ft (48.89 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 11:00
 pH: 5.9
 Alkalinity: 6 mg/L
 Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	40	µg/L	GE
1	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	Carbonate	<1,000	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	11	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	23	µg/L	GE
1	Lead	21	µg/L	GE
0	Magnesium	190	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.4	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	540	µg/L	GE
0	Silica	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	1,000	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	170	µg/L	GE
0	Barium-140	<60	pCi/L	TE
0	Beryllium-7	<90	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	<7.0	pCi/L	TE
0	Gross alpha	<2.0	pCi/L	GE
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	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Tritium	2.1 ± 0.30	pCi/mL	GE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL IDQ 3C collected on 06/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Thorium-228	<10	pCi/L	TE
0	Tritium	0.98±0.30	pCi/mL	GE
0	Zinc-65	<10	pCi/L	TE
0	Zirconium-95	<8.0	pCi/L	TE

WELL IDQ 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 71.10 ft (21.67 m) below TOC
 Water elevation: 194.40 ft (58.25 m) msl
 Sp. conductance: 84 µS/cm
 Water evacuated before sampling: 23 gal

Time: 12:45
 pH: 9.5
 Alkalinity: 32 mg/L
 Water temperature: 23.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	9.7	pH	GE
0	Specific conductance	85	µS/cm	GE
2	Aluminum	530	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	12,000	µg/L	GE
1	Carbonate	30,800	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	12	µg/L	GE
0	Magnesium	100	µg/L	GE
0	Manganese	6.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	100	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	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	1,900	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
1	Vanadium	11	µg/L	GE
0	Zinc	3.2	µg/L	GE
0	Barium-140	<40	pCi/L	TE
0	Beryllium-7	<50	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	Gross alpha	<2.0	pCi/L	GE
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	Nonvolatile beta	<2.0	pCi/L	GE
0	Potassium-40	<70	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
0	Ruthenium-103	<7.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<10	pCi/L	TE
0	Tritium	2.1 ± 0.30	pCi/mL	GE
0	Zinc-65	<7.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

ANALYTICAL RESULTS

WELL IDQ 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/80
The well was dry.

Time: 8:20

WELL IDQ 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/80
Depth to water: 88.35 ft (20.83 m) below TOC
Water elevation: 189.75 ft (57.84 m) msl
Sp. conductance: 370 μ S/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 13:40
pH: 10.9
Alkalinity: 88 mg/L
Water temperature: 28.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	354	μ S/cm	GE
2	Aluminum	3,700	μ g/L	GE
0	Antimony	<3.0	μ g/L	GE
0	Barium	20	μ g/L	GE
0	Beryllium	<3.0	μ g/L	GE
0	Cadmium	<2.0	μ g/L	GE
1	Calcium	20,000	μ g/L	GE
1	Carbonate	164,000	μ g/L	GE
0	Chloride	1,100	μ g/L	GE
1	Chromium	16	μ g/L	GE
0	Cobalt	<4.0	μ g/L	GE
0	Copper	<4.0	μ g/L	GE
0	Fluoride	210	μ g/L	GE
0	Iodine	<100	μ g/L	GE
0	Iron	5.5	μ g/L	GE
0	Lead	3.0	μ g/L	GE
0	Magnesium	8.4	μ g/L	GE
0	Manganese	<2.0	μ g/L	GE
0	Mercury	<0.20	μ g/L	GE
0	Nickel	<4.0	μ g/L	GE
0	Nitrate as nitrogen	220	μ g/L	GE
0	Nitrite as nitrogen	<10.0	μ g/L	GE
1	Phenols	6.0	μ g/L	GE
1	Potassium	5,400	μ g/L	GE
0	Silica	8,300	μ g/L	GE
0	Silver	<2.0	μ g/L	GE
1	Sodium	7,700	μ g/L	GE
0	Sulfate	4,900	μ g/L	GE
1	Total carbon	2,000	μ g/L	GE
0	Total dissolved solids	128,000	μ g/L	GE
0	Total inorganic carbon	<1,000	μ g/L	GE
0	Total organic carbon	2,000	μ g/L	GE
0	Uranium	<1,000	μ g/L	GE
1	Vanadium	78	μ g/L	GE
0	Zinc	4.4	μ g/L	GE
0	Barium-140	<30	pCi/L	TE
0	Beryllium-7	<50	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	Gross alpha	<2.0	pCi/L	GE
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	Nonvolatile beta	4.9 \pm 2.4	pCi/L	GE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<30	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
0	Tritium	2.0 \pm 0.30	pCi/ml	GE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL IDQ 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/80
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 183 μ S/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.

Time: 13:10
pH: 6.9
Alkalinity: 72 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.7	pH	GE
1	Specific conductance	140	μ S/cm	GE
0	Aluminum	<20	μ g/L	GE
0	Antimony	<3.0	μ g/L	GE
0	Barium	45	μ g/L	GE
0	Beryllium	<3.0	μ g/L	GE
0	Cadmium	<2.0	μ g/L	GE
1	Calcium	22,000	μ g/L	GE
0	Carbonate	<1,000	μ g/L	GE
0	Chloride	1,100	μ g/L	GE
0	Chromium	<4.0	μ g/L	GE
0	Cobalt	<4.0	μ g/L	GE
0	Copper	<4.0	μ g/L	GE
0	Fluoride	<100	μ g/L	GE
0	Iodine	<100	μ g/L	GE
0	Iron	110	μ g/L	GE
0	Lead	17	μ g/L	GE
0	Magnesium	1,700	μ g/L	GE
0	Manganese	5.8	μ g/L	GE
0	Mercury	<0.20	μ g/L	GE
0	Nickel	5.2	μ g/L	GE
0	Nitrate as nitrogen	<50	μ g/L	GE
0	Nitrite as nitrogen	<10.0	μ g/L	GE
0	Phenols	<5.0	μ g/L	GE
0	Potassium	1,400	μ g/L	GE
0	Silica	<100	μ g/L	GE
0	Silica	2,500	μ g/L	GE
0	Silver	<2.0	μ g/L	GE
1	Sodium	6,300	μ g/L	GE
0	Sulfate	<1,000	μ g/L	GE
1	Total carbon	18,000	μ g/L	GE
0	Total dissolved solids	83,000	μ g/L	GE
1	Total inorganic carbon	17,000	μ g/L	GE
0	Total organic carbon	<1,000	μ g/L	GE
0	Uranium	<1,000	μ g/L	GE
0	Vanadium	<10	μ g/L	GE
0	Zinc	51	μ g/L	GE
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	Gross alpha	<2.0	pCi/L	GE
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	Nonvolatile beta	2.8 \pm 2.1	pCi/L	GE
0	Potassium-40	<100	pCi/L	TE
0	Radium-226	<80	pCi/L	TE
0	Ruthenium-103	<8.0	pCi/L	TE
0	Ruthenium-106	<4.0	pCi/L	TE
0	Thorium-228	<7.0	pCi/L	TE
0	Tritium	1.7 \pm 0.30	pCi/ml	GE
0	Zinc-65	<9.0	pCi/L	TE
0	Zirconium-95	<5.0	pCi/L	TE

WELL IDQ 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/80
The well was dry.

Time: 12:00

ANALYTICAL RESULTS

WELL IDQ 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
The well was dry.

Time: 11:55

WELL IDQ 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
The well was dry.

Time: 11:45

WELL KAB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
Depth to water: 81.75 ft (18.82 m) below TOC
Water elevation: 204.25 ft (62.28 m) msl
Sp. conductance: 305 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 17:05
pH: 5.7
Alkalinity: 34 mg/L
Water temperature: 22.5°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	Tetrachloroethylene	< 1.0	µg/L	GE
1	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 KAB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
Depth to water: 52.26 ft (15.93 m) below TOC
Water elevation: 208.44 ft (63.53 m) msl
Sp. conductance: 78 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 17:25
pH: 5.8
Alkalinity: 12 mg/L
Water temperature: 21.0°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	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL KAB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
Depth to water: 47.79 ft (14.57 m) below TOC
Water elevation: 202.31 ft (61.66 m) msl
Sp. conductance: 165 µS/cm
Water evacuated before sampling: 25 gal

Time: 14:35
pH: 5.4
Alkalinity: 11 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL KAB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
Depth to water: 53.26 ft (16.23 m) below TOC
Water elevation: 201.14 ft (61.31 m) msl
Sp. conductance: 684 µS/cm
Water evacuated before sampling: 37 gal

Time: 15:10
pH: 6.9
Alkalinity: 207 mg/L
Water temperature: 21.1°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	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 KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
Depth to water: 48.73 ft (14.85 m) below TOC
Water elevation: 217.27 ft (66.22 m) msl
Sp. conductance: 1566 µS/cm
Water evacuated before sampling: 49 gal

Time: 12:20
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.2	pH	GE
1	Specific conductance	1,480	µS/cm	GE
1	Specific conductance	1,470	µS/cm	GE
0	Turbidity	21	NTU	GE
0	Turbidity	21	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Barium	12	µg/L	GE

ANALYTICAL RESULTS

WELL KAC 1 collected on 04/26/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	5,820	µg/L	GE
0	Calcium	5,980	µg/L	GE
1	Chloride	31,800	µg/L	GE
1	Chloride	30,900	µg/L	GE
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	300	µg/L	GE
0	Fluoride	300	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
2	Iron	381	µg/L	GE
2	Iron	392	µg/L	GE
1	Lead	22	µg/L	GE
2	Lead	25	µg/L	GE
1	Magnesium	5,520	µg/L	GE
1	Magnesium	5,770	µg/L	GE
2	Manganese	89	µg/L	GE
2	Manganese	71	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	880	µg/L	GE
0	Potassium	1,010	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	4,880	µg/L	GE
0	Silica	4,820	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	323,000	µg/L	GE
1	Sodium	343,000	µg/L	GE
2	Sulfate	662,000	µg/L	GE
2	Sulfate	697,000	µg/L	GE
0	Total dissolved solids	966,000	µg/L	GE
0	Total dissolved solids	1,010 ± 0.6	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total organic halogens	8.0	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
1	Gross alpha	5.0 ± 2.4	pCi/L	GE
0	Gross alpha	3.7 ± 2.4	pCi/L	GE
0	Nonvolatile beta	5.3 ± 3.9	pCi/L	GE
0	Nonvolatile beta	6.4 ± 3.9	pCi/L	GE
2	Total radium	13 ± 5.7	pCi/L	GE
2	Total radium	12 ± 5.6	pCi/L	GE
0	Tritium	1.1 ± 0.30	pCi/ml	GE
0	Tritium	1.3 ± 0.30	pCi/ml	GE

WELL KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 38.78 ft (11.82 m) below TOC
 Water elevation: 218.72 ft (66.67 m) msl
 Sp. conductance: 237 µS/cm
 Water evacuated before sampling: 61 gal

Time: 11:45
 pH: 6.3
 Alkalinity: 61 mg/L
 Water temperature: 21.2 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
1	Specific conductance	222	µS/cm	GE
0	Turbidity	16	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	122	µg/L	GE
0	Chloride	5,300	µg/L	GE

WELL KAC 2 collected on 04/26/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	30	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	80	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
1	Selenium	2.1	µg/L	GE
0	Silica	6,180	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	48,500	µg/L	GE
1	Sulfate	34,400	µg/L	GE
0	Total dissolved solids	137,000	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	8.8 ± 0.40	pCi/ml	GE

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 37.80 ft (11.52 m) below TOC
 Water elevation: 220.00 ft (67.06 m) msl
 Sp. conductance: 859 µS/cm
 Water evacuated before sampling: 63 gal

Time: 11:15
 pH: 7.1
 Alkalinity: 156 mg/L
 Water temperature: 20.4 °C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.3	pH	GE
1	Specific conductance	780	µS/cm	GE
0	Turbidity	2.9	NTU	GE
1	Arsenic	3.8	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	863	µg/L	GE
1	Chloride	13,400	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Fluoride	200	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	345	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	788	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,320	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	207,000	µg/L	GE
2	Sulfate	258,000	µg/L	GE
0	Total dissolved solids	588,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	170	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	3.4 ± 9.3	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	8.8 ± 0.40	pCi/ml	GE

ANALYTICAL RESULTS

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 43.78 ft (13.36 m) below TOC
 Water elevation: 218.21 ft (85.90 m) msl
 Sp. conductance: 102 µS/cm
 Water evacuated before sampling: 88 gal

Time: 12:55
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	pH	5.3	pH	GE
1	Specific conductance	127	µS/cm	MT
1	Specific conductance	100	µS/cm	GE
0	Turbidity	0.39	NTU	MT
0	Turbidity	0.50	NTU	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	4.5	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	508	µg/L	MT
0	Calcium	538	µg/L	GE
0	Chloride	9,800	µg/L	MT
1	Chloride	12,700	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	88	µg/L	MT
0	Iron	30	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	3.8	µg/L	GE
0	Magnesium	387	µg/L	MT
0	Magnesium	367	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	MT
0	Nitrate as nitrogen	290	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	<800	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	8,260	µg/L	MT
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	10,900	µg/L	MT
1	Sodium	18,700	µg/L	GE
1	Sulfate	21,800	µg/L	MT
1	Sulfate	22,800	µg/L	GE
0	Total dissolved solids	87,000	µg/L	MT
0	Total dissolved solids	87,000	µg/L	GE
0	Total organic carbon	2,100	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	5.2	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<3.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
1	Nonvolatile beta	11 ± 3.0	pCi/L	MT
0	Nonvolatile beta	2.0 ± 2.1	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.1 ± 2.0	pCi/L	GE
0	Tritium	1.3 ± 0.20	pCi/ml	MT
0	Tritium	0.88 ± 0.30	pCi/ml	GE

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 43.78 ft (13.35 m) below TOC
 Water elevation: 218.21 ft (85.90 m) msl
 Sp. conductance: 102 µS/cm
 Water evacuated before sampling: 88 gal

Time: 12:55
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	pH	5.4	pH	GE
1	Specific conductance	110	µS/cm	MT
1	Specific conductance	102	µS/cm	GE
0	Turbidity	0.41	NTU	MT
0	Turbidity	1.0	NTU	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	<3.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	450	µg/L	MT
0	Calcium	457	µg/L	GE
0	Chloride	9,800	µg/L	MT
0	Chloride	8,200	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	58	µg/L	MT
0	Iron	13	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	12	µg/L	GE
0	Magnesium	371	µg/L	MT
0	Magnesium	308	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	2.3	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	MT
0	Nitrate as nitrogen	280	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	<800	µg/L	MT
0	Potassium	<500	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	4,840	µg/L	MT
0	Silica	6,370	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	18,500	µg/L	MT
1	Sodium	14,400	µg/L	GE
1	Sulfate	22,200	µg/L	MT
1	Sulfate	12,100	µg/L	GE
0	Total dissolved solids	78,000	µg/L	MT
0	Total dissolved solids	73,000	µg/L	GE
0	Total organic carbon	1,100	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Tritium	1.2 ± 0.20	pCi/ml	MT
0	Tritium	0.71 ± 0.30	pCi/ml	GE

ANALYTICAL RESULTS

WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 39.24 ft (11.98 m) below TOC
 Water elevation: 219.78 ft (66.98 m) msl
 Sp. conductance: 89 µS/cm
 Water evacuated before sampling: 55 gal

Time: 10:50
 pH: 5.0
 Alkalinity: 2 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	89	µS/cm	GE
0	Turbidity	4.7	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	2.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	827	µg/L	GE
1	Chloride	10,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0050	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	108	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	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	11,000	µg/L	GE
1	Sulfate	10,800	µg/L	GE
0	Total dissolved solids	44,000	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 ± 2.0	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE

WELL KAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 39.48 ft (12.03 m) below TOC
 Water elevation: 219.52 ft (66.91 m) msl
 Sp. conductance: 106 µS/cm
 Water evacuated before sampling: 9 gal
 The well went dry during purging

Time: 10:00
 pH: 5.1
 Alkalinity: 3 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	81	µS/cm	GE
0	Turbidity	7.1	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	514	µg/L	GE
1	Chloride	10,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Endrin	<0.0050	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (lindane)	<0.0050	µg/L	GE
0	Iron	7.3	µg/L	GE
0	Lead	7.7	µg/L	GE
0	Magnesium	294	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	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,900	µg/L	GE

WELL KAC 8 collected on 04/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
1	Sodium	17,200	µg/L	GE
1	Sulfate	21,800	µg/L	GE
0	Total dissolved solids	88,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total 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	<0.70	pCi/ml	GE

WELL KAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 47.69 ft (14.54 m) below TOC
 Water elevation: 217.41 ft (66.27 m) msl
 Sp. conductance: 1238 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging

Time: 10:20
 pH: 4.8
 Alkalinity: 15 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
1	Specific conductance	1,090	µS/cm	GE
0	Turbidity	55	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,920	µg/L	GE
1	Chloride	26,000	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
2	Iron	478	µg/L	GE
0	Lead	14	µg/L	GE
0	Magnesium	988	µg/L	GE
1	Manganese	32	µg/L	GE
1	Mercury	0.49	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	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	174,000	µg/L	GE
2	Sulfate	472,000	µg/L	GE
0	Total dissolved solids	682,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	7.0	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	3.8 ± 7	pCi/L	GE
0	Nonvolatile beta	<2.0	pCi/L	GE
2	Total radium	8.6 ± 4.5	pCi/L	GE
0	Tritium	8.2 ± 0.40	pCi/ml	GE

WELL KCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
 Depth to water: 58.04 ft (17.69 m) below TOC
 Water elevation: 202.36 ft (61.68 m) msl
 Sp. conductance: 191 µS/cm
 Water evacuated before sampling: 49 gal

Time: 16:50
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Tritium	7.3 ± 0.80	pCi/ml	MT

ANALYTICAL RESULTS

WELL KCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
 Depth to water: 53.15 ft (16.20 m) below TOC
 Water elevation: 201.25 ft (61.34 m) msl
 Sp. conductance: 50 µS/cm
 Water evacuated before sampling: 35 gal

Time: 18:25
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Tritium	18 ± 2.0	pCi/ml	MT

WELL KCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
 Depth to water: 48.05 ft (14.65 m) below TOC
 Water elevation: 199.85 ft (60.92 m) msl
 Sp. conductance: 532 µS/cm
 Water evacuated before sampling: 41 gal

Time: 18:00
 pH: 3.8
 Alkalinity: 0 mg/L
 Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Tritium	14 ± 2.0	pCi/ml	MT

WELL KCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
 Depth to water: 53.71 ft (16.37 m) below TOC
 Water elevation: 201.89 ft (61.54 m) msl
 Sp. conductance: 449 µS/cm
 Water evacuated before sampling: 35 gal

Time: 15:40
 pH: 6.5
 Alkalinity: 85 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Tritium	7.0 ± 0.70	pCi/ml	MT

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 66.67 ft (20.32 m) below TOC
 Water elevation: 206.43 ft (62.92 m) msl
 Sp. conductance: 102 µS/cm
 Water evacuated before sampling: 15 gal
 The well went dry during purging.

Time: 14:55
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 24.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
2	Tetrachloroethylene	7.3	µg/L	MT
0	Trichloroethylene	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	Antimony-125	< 55	pCi/L	EM
0	Cerium-144	< 130	pCi/L	EM
0	Cesium-134	< 22	pCi/L	EM
0	Cesium-137	< 20	pCi/L	EM
0	Chromium-51	< 171	pCi/L	EM
0	Cobalt-60	< 20	pCi/L	EM
0	Iodine-131	< 29	pCi/L	EM
0	Ruthenium-103	< 21	pCi/L	EM
0	Ruthenium-106	< 175	pCi/L	EM
1	Strontium-89	1.3 ± 4.0	pCi/L	EM
0	Strontium-89/90	0.71 ± 5.8	pCi/L	EM
0	Strontium-90	-0.50 ± 4.2	pCi/L	EM
1	Total activity	601 ± 5.8	pCi/ml	EM
2	Tritium	480 ± 50	pCi/ml	MT
0	Zirconium-95	< 37	pCi/L	EM

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 68.18 ft (20.78 m) below TOC
 Water elevation: 209.32 ft (62.80 m) msl
 Sp. conductance: 51 µS/cm
 Water evacuated before sampling: 59 gal

Time: 14:25
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 24.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
2	Tetrachloroethylene	7.0	µg/L	MT
2	Trichloroethylene	19	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	Antimony-125	< 56	pCi/L	EM
0	Cerium-144	< 141	pCi/L	EM
0	Cesium-134	< 22	pCi/L	EM
0	Cesium-137	< 20	pCi/L	EM
0	Chromium-51	< 181	pCi/L	EM
0	Cobalt-60	< 21	pCi/L	EM
0	Iodine-131	< 25	pCi/L	EM
0	Ruthenium-103	< 17	pCi/L	EM
0	Ruthenium-106	< 179	pCi/L	EM
1	Strontium-89	1.5 ± 3.4	pCi/L	EM
0	Strontium-89/90	0.47 ± 4.9	pCi/L	EM
0	Strontium-90	-1.1 ± 3.5	pCi/L	EM
1	Total activity	911 ± 7.1	pCi/ml	EM
2	Tritium	670 ± 70	pCi/ml	MT
0	Zirconium-95	< 33	pCi/L	EM

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 67.35 ft (20.53 m) below TOC
 Water elevation: 208.05 ft (62.80 m) msl
 Sp. conductance: 177 µS/cm
 Water evacuated before sampling: 18 gal
 The well went dry during purging.

Time: 15:10
 pH: 5.8
 Alkalinity: 50 mg/L
 Water temperature: 24.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	0.47	µg/L	MT
1	Tetrachloroethylene	1.4	µg/L	MT
2	Trichloroethylene	181	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	Antimony-125	< 54	pCi/L	EM
0	Cerium-144	< 145	pCi/L	EM
0	Cesium-134	< 21	pCi/L	EM
0	Cesium-137	< 22	pCi/L	EM
0	Chromium-51	< 174	pCi/L	EM
0	Cobalt-60	< 23	pCi/L	EM
0	Iodine-131	< 27	pCi/L	EM
0	Ruthenium-103	< 22	pCi/L	EM
0	Ruthenium-106	< 180	pCi/L	EM
0	Strontium-89	-4.8 ± 2.5	pCi/L	EM
0	Strontium-89/90	-2.9 ± 3.8	pCi/L	EM
1	Strontium-90	1.9 ± 2.9	pCi/L	EM
2	Tritium	70 ± 7.0	pCi/ml	MT
0	Zirconium-95	< 33	pCi/L	EM

WELL KDT 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 67.00 ft (20.42 m) below TOC
 Water elevation: 206.00 ft (62.79 m) msl
 Sp. conductance: 81 µS/cm
 Water evacuated before sampling: 10 gal
 The well went dry during purging.

Time: 14:40
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 24.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	73	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
1	Barium	61	µg/L	GE

ANALYTICAL RESULTS

WELL KDT 1D collected on 08/18/90, 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	3,800	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	76	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	490	µg/L	GE
2	Manganese	410	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	2,830	µg/L	GE
1	Oil & grease	4,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	910	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	5,800	µg/L	GE
0	Sulfate	2,100	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	50,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
1	Total phosphates	670	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	Nonvolatile beta	2.8 ± 1.7	pCi/l	GE
1	Total activity	2,430 ± 10	pCi/ml	EM
0	Total radium	1.7 ± 2.1	pCi/l	GE
2	Tritium	2,260 ± 4.8	pCi/ml	GE

WELL KRB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 60.56 ft (18.46 m) below TOC
 Water elevation: 205.94 ft (62.77 m) msl
 Sp. conductance: 124 µS/cm
 Water evacuated before sampling: 1 gal
 The well went dry during purging.

Time: 10:40
 pH: 5.3
 Alkalinity: 6 mg/L
 Water temperature: 25.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
0	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	0.37 ± 0.35	pCi/l	EM
0	Nonvolatile beta	1.2 ± 0.93	pCi/l	EM
2	Tritium	28 ± 1.3	pCi/ml	EM

WELL KRB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
 Depth to water: 59.88 ft (18.25 m) below TOC
 Water elevation: 208.04 ft (63.41 m) msl
 Sp. conductance: 60 µS/cm
 Water evacuated before sampling: 10 gal

Time: 11:20
 pH: 4.8
 Alkalinity: 0 mg/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
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	1.8 ± 1.3	pCi/L	EM
0	Nonvolatile beta	0.74 ± 0.62	pCi/L	EM
1	Total activity	3,450 ± 650	pCi/mL	EM
2	Tritium	3,300 ± 420	pCi/mL	EM

WELL KRB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 The well was dry.

Time: 15:45

WELL KRB 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 Depth to water: 79.43 ft (24.21 m) below TOC
 Water elevation: 203.07 ft (61.90 m) msl
 Inaccessibility or pump failure prevented sample collection.

Time: 15:35

WELL KRB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90
 Inaccessibility or pump failure prevented sample collection.

Time: 15:25

WELL KRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 45.88 ft (13.98 m) below TOC
 Water elevation: 218.02 ft (66.45 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 29 gal

Time: 14:30
 pH: 4.5
 Alkalinity: 0 mg/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	Tetrachloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL KRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 38.50 ft (11.73 m) below TOC
 Water elevation: 217.60 ft (66.33 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 48 gal

Time: 14:55
 pH: 5.2
 Alkalinity: 0 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	Carbon tetrachloride	2.0	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

WELL KRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 36.35 ft (11.08 m) below TOC
 Water elevation: 218.15 ft (66.49 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 35 gal

Time: 15:20
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
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: 05/21/90
 Depth to water: 38.70 ft (11.80 m) below TOC
 Water elevation: 216.90 ft (66.11 m) msl
 Sp. conductance: 63 µS/cm
 Water evacuated before sampling: 73 gal

Time: 15:50
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Tetrachloroethylene	112	µg/L	GE
2	Trichloroethylene	33	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL KSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 64.88 ft (19.78 m) below TOC
 Water elevation: 202.52 ft (61.73 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 70 gal

Time: 9:10
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
2	Tetrachloroethylene	6.5	µg/L	MT
1	Total organic halogens	18	µg/L	MT
2	Trichloroethylene	17	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<51	pCi/L	EM
0	Cerium-144	<135	pCi/L	EM
0	Cesium-134	<21	pCi/L	EM
0	Cesium-137	<20	pCi/L	EM
0	Chromium-51	<183	pCi/L	EM

WELL KSB 1 collected on 06/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cobalt-60	<21	pCi/L	EM
0	Iodine-131	<45	pCi/L	EM
0	Niobium-95	<22	pCi/L	EM
0	Ruthenium-103	<21	pCi/L	EM
0	Ruthenium-106	<168	pCi/L	EM
0	Strontium-89/90	-0.19±0.61	pCi/L	EM
1	Total activity	1,380±30	pCi/mL	EM
2	Tritium	1,400±200	pCi/mL	MT
2	Tritium	1,280±30	pCi/mL	EM
0	Zirconium-95	<31	pCi/L	EM

WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 63.68 ft (19.40 m) below TOC
 Water elevation: 202.14 ft (61.61 m) msl
 Sp. conductance: 42 µS/cm
 Water evacuated before sampling: 74 gal

Time: 9:35
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	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	<50	pCi/L	EM
0	Cerium-144	<132	pCi/L	EM
0	Cesium-134	<20	pCi/L	EM
0	Cesium-137	<21	pCi/L	EM
0	Chromium-51	<181	pCi/L	EM
0	Cobalt-60	<21	pCi/L	EM
0	Gross alpha	0.63±0.44	pCi/L	EM
0	Iodine-131	<29	pCi/L	EM
0	Niobium-95	<18	pCi/L	EM
0	Nonvolatile beta	0.17±0.73	pCi/L	EM
0	Ruthenium-103	<20	pCi/L	EM
0	Ruthenium-106	<164	pCi/L	EM
0	Strontium-89	-1.1±2.8	pCi/L	EM
0	Strontium-89/90	-1.7±4.0	pCi/L	EM
0	Strontium-90	-0.59±2.9	pCi/L	EM
1	Total activity	32±1.4	pCi/mL	EM
2	Tritium	32±4.0	pCi/mL	MT
2	Tritium	32±1.4	pCi/mL	EM
0	Zirconium-95	<31	pCi/L	EM

WELL KSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 60.30 ft (18.38 m) below TOC
 Water elevation: 201.20 ft (61.33 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 82 gal

Time: 10:10
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Tetrachloroethylene	0.78	µg/L	MT
0	Total organic halogens	7.2	µg/L	MT
2	Trichloroethylene	10	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<55	pCi/L	EM
0	Cerium-144	<140	pCi/L	EM
0	Cesium-134	<20	pCi/L	EM
0	Cesium-137	<22	pCi/L	EM
0	Chromium-51	<183	pCi/L	EM
0	Cobalt-60	<19	pCi/L	EM
0	Gross alpha	0.73±0.47	pCi/L	EM
0	Iodine-131	<33	pCi/L	EM
0	Niobium-95	<21	pCi/L	EM
0	Nonvolatile beta	0.72±0.84	pCi/L	EM
0	Ruthenium-103	<22	pCi/L	EM
0	Ruthenium-106	<177	pCi/L	EM
0	Strontium-89	-3.0±2.6	pCi/L	EM
0	Strontium-89/90	-2.4±3.8	pCi/L	EM

ANALYTICAL RESULTS

WELL KSB 3 collected on 06/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Strontium-90	0.63±2.8	pCi/L	EM
1	Total activity	258±3.6	pCi/mL	EM
2	Tritium	230±30	pCi/mL	MT
2	Tritium	241±3.5	pCi/mL	EM
0	Zirconium-95	<32	pCi/L	EM

WELL KSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 61.69 ft (18.80 m) below TOC
 Water elevation: 202.41 ft (61.70 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 108 gal

Time: 8:20
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 22.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
1	Tetrachloroethylene	1.7	µg/L	MT
0	Total organic halogens	7.2	µg/L	MT
2	Trichloroethylene	8.0	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<52	pCi/L	EM
0	Cerium-144	<137	pCi/L	EM
0	Cesium-134	<23	pCi/L	EM
0	Cesium-137	<20	pCi/L	EM
0	Chromium-51	<187	pCi/L	EM
0	Cobalt-60	<20	pCi/L	EM
0	Gross alpha	0.55±0.41	pCi/L	EM
0	Iodine-131	<29	pCi/L	EM
0	Niobium-95	<22	pCi/L	EM
0	Nonvolatile beta	1.4±0.98	pCi/L	EM
0	Ruthenium-103	<19	pCi/L	EM
0	Ruthenium-106	<181	pCi/L	EM
0	Strontium-89	-3.4±3.3	pCi/L	EM
0	Strontium-89/90	-1.9±5.0	pCi/L	EM
1	Strontium-90	1.6±3.7	pCi/L	EM
1	Total activity	12,900±20	pCi/mL	EM
2	Tritium	15,000±2,000	pCi/mL	MT
2	Tritium	15,000±2,000	pCi/mL	MT
2	Tritium	11,900±20	pCi/mL	EM
0	Zirconium-95	<36	pCi/L	EM

WELL KSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 58.10 ft (17.71 m) below TOC
 Water elevation: 171.70 ft (52.33 m) msl
 Sp. conductance: 57 µS/cm
 Water evacuated before sampling: 47 gal

Time: 16:40
 pH: 5.9
 Alkalinity: 15 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	57	µS/cm	GE
0	Chloride	2,900	µg/L	GE
0	Nitrate as nitrogen	570	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	2,110	µg/L	GE
0	Total dissolved solids	45,000	µg/L	GE

WELL KSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 30.47 ft (9.29 m) below TOC
 Water elevation: 161.83 ft (49.33 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 54 gal

Time: 17:05
 pH: 5.1
 Alkalinity: 2 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Chloride	2,000	µg/L	GE
0	Nitrate as nitrogen	530	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	2,180	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE

WELL KSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/90
 Depth to water: 23.98 ft (7.31 m) below TOC
 Water elevation: 161.22 ft (49.14 m) msl
 Sp. conductance: 52 µS/cm
 Water evacuated before sampling: 66 gal

Time: 17:30
 pH: 5.7
 Alkalinity: 15 mg/L
 Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	57	µS/cm	GE
0	Chloride	2,200	µg/L	GE
0	Nitrate as nitrogen	440	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	1,530	µg/L	GE
0	Total dissolved solids	61,000	µg/L	GE

WELL LAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 25.03 ft (7.63 m) below TOC
 Water elevation: 213.17 ft (64.98 m) msl
 Sp. conductance: 24 µS/cm
 Water evacuated before sampling: 57 gal

Time: 15:35
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	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 LAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 26.41 ft (8.05 m) below TOC
 Water elevation: 213.79 ft (65.16 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 53 gal

Time: 14:45
 pH: 4.8
 Alkalinity: 0 mg/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	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL LAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 24.41 ft (7.44 m) below TOC
 Water elevation: 213.39 ft (65.04 m) msl
 Sp. conductance: 333 µS/cm
 Water evacuated before sampling: 60 gal

Time: 10:25
 pH: 9.4
 Alkalinity: 130 mg/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
2	Tetrachloroethylene	14	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
2	Trichloroethylene	7.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL LAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 23.91 ft (7.29 m) below TOC
 Water elevation: 213.19 ft (64.90 m) msl
 Sp. conductance: 227 µS/cm
 Water evacuated before sampling: 73 gal

Time: 15:05
 pH: 6.5
 Alkalinity: 59 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Tetrachloroethylene	8.0	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

WELL LCO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 29.28 ft (8.92 m) below TOC
 Water elevation: 211.42 ft (64.44 m) msl
 Sp. conductance: 52 µS/cm
 Water evacuated before sampling: 11 gal
 The well went dry during purging.

Time: 14:10
 pH: 5.3
 Alkalinity: 4 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Tetrachloroethylene	0.62	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
1	Total activity	690±5.7	pCi/mL	EM
2	Tritium	570±60	pCi/mL	MT

WELL LCO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 28.08 ft (8.56 m) below TOC
 Water elevation: 213.52 ft (65.08 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 48 gal

Time: 9:35
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	0.20	µg/L	MT
1	Tetrachloroethylene	2.0	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Tritium	5.7±0.60	pCi/mL	MT

WELL LCO 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 28.27 ft (8.62 m) below TOC
 Water elevation: 213.13 ft (64.96 m) msl
 Sp. conductance: 374 µS/cm
 Water evacuated before sampling: 44 gal

Time: 10:10
 pH: 8.6
 Alkalinity: 138 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	0.20	µg/L	MT
2	Tetrachloroethylene	19	µg/L	MT
2	Trichloroethylene	7.9	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Tritium	6.7±0.70	pCi/mL	MT

WELL LCO 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 28.23 ft (8.60 m) below TOC
 Water elevation: 208.97 ft (63.69 m) msl
 Sp. conductance: 892 µS/cm
 Water evacuated before sampling: 43 gal

Time: 11:05
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	0.26	µg/L	MT
2	Tetrachloroethylene	30	µg/L	MT
0	Trichloroethylene	0.66	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
2	Tritium	42±5.0	pCi/mL	MT

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 38.79 ft (11.82 m) below TOC
 Water elevation: 214.11 ft (65.26 m) msl
 Sp. conductance: 45 µS/cm
 Water evacuated before sampling: 17 gal
 The well went dry during purging.

Time: 12:25
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
2	Tetrachloroethylene	7.8	µg/L	MT
0	Trichloroethylene	0.42	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<50	pCi/L	EM
0	Cesium-144	<131	pCi/L	EM
0	Cesium-134	<21	pCi/L	EM
0	Cesium-137	<18	pCi/L	EM
0	Chromium-51	<182	pCi/L	EM
0	Cobalt-60	<18	pCi/L	EM
0	Iodine-131	<29	pCi/L	EM
0	Ruthenium-103	<20	pCi/L	EM
0	Ruthenium-106	<177	pCi/L	EM
0	Strontium-89	-1.1±2.8	pCi/L	EM
0	Strontium-89/90	-1.1±4.1	pCi/L	EM
1	Strontium-90	1.4±3.0	pCi/L	EM
0	Tritium	4.9±0.50	pCi/mL	MT
0	Zirconium-95	<30	pCi/L	EM

ANALYTICAL RESULTS

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
 Depth to water: 37.82 ft (11.53 m) below TOC
 Water elevation: 214.08 ft (65.25 m) msl
 Sp. conductance: 74 µS/cm
 Water evacuated before sampling: 17 gal
 The well went dry during purging.

Time: 12:15
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 23.4°C

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	Trichloroethylene	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	Antimony-125	<54	pCi/L	EM
0	Cerium-144	<137	pCi/L	EM
0	Cesium-134	<18	pCi/L	EM
0	Cesium-137	<19	pCi/L	EM
0	Chromium-51	<173	pCi/L	EM
0	Cobalt-60	<22	pCi/L	EM
0	Iodine-131	<31	pCi/L	EM
0	Ruthenium-103	<19	pCi/L	EM
0	Ruthenium-106	<186	pCi/L	EM
1	Strontium-89	1.00±3.5	pCi/L	EM
0	Strontium-89/90	0.97±5.1	pCi/L	EM
0	Strontium-90	-0.034±3.7	pCi/L	EM
0	Tritium	3.5±0.40	pCi/mL	MT
0	Zirconium-95	<34	pCi/L	EM

WELL LFW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90
 Depth to water: 19.94 ft (6.08 m) below TOC
 Water elevation: 151.76 ft (46.26 m) msl
 Sp. conductance: 351 µS/cm
 Water evacuated before sampling: 31 gal

Time: 15:45
 pH: 6.2
 Alkalinity: 138 mg/L
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
1	Specific conductance	203	µS/cm	MT
1	Arsenic	5.1	µg/L	MT
0	Barium	<10	µg/L	MT
1	Benzene	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	Cadmium	<3.0	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	<5.0	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	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	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silver	3.7	µg/L	MT
0	Sulfate	1,990	µg/L	MT
0	Sulfate	2,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	4,240	µg/L	MT
2	Total organic halogens	176	µg/L	MT
2	Total organic halogens	180	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	190	µg/L	MT

WELL LFW 6 collected on 06/11/90, 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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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)	J 0.030	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
1	Total radium	4.1 ± 0.50	pCi/L	MT
0	Thallium	8.8 ± 0.70	pCi/mL	MT

WELL LFW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 21.21 ft (6.46 m) below TOC
 Water elevation: 150.19 ft (45.78 m) msl
 Sp. conductance: 528 µS/cm
 Water evacuated before sampling: 35 gal

Time: 8:55
 pH: 8.7
 Alkalinity: 204 mg/L
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.4	pH	MT
0	pH	8.4	pH	GE
0	pH	8.4	pH	GE
1	Specific conductance	422	µS/cm	MT
1	Specific conductance	419	µS/cm	GE
1	Specific conductance	419	µS/cm	GE
1	Arsenic	22	µg/L	MT
1	Arsenic	22	µg/L	MT
2	Arsenic	26	µg/L	GE
2	Arsenic	26	µg/L	GE
0	Barium	17	µg/L	MT
0	Barium	18	µg/L	MT
0	Barium	13	µg/L	GE
0	Barium	13	µg/L	GE
1	Benzene	8.0	µg/L	MT
1	Benzene	6.0	µg/L	GE
1	Benzene	8.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloride	15,300	µg/L	MT
1	Chloride	42,500	µg/L	GE
1	Chloride	42,300	µg/L	GE
1	Chlorobenzene	28	µg/L	MT
1	Chlorobenzene	24	µg/L	GE
1	Chlorobenzene	28	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 7 collected on 06/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	7.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
1	Ethylbenzene	31	µg/L	MT
1	Ethylbenzene	33	µg/L	GE
1	Ethylbenzene	35	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	180	µg/L	GE
0	Fluoride	120	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silver	3.4	µg/L	MT
1	Silver	3.4	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Toluene	9.0	µg/L	MT
1	Toluene	9.0	µg/L	GE
1	Toluene	10	µg/L	GE
1	Total organic carbon	10,200	µg/L	MT
1	Total organic carbon	11,000	µg/L	GE
1	Total organic carbon	11,000	µg/L	GE
2	Total organic halogens	245	µg/L	MT
2	Total organic halogens	280	µg/L	GE
2	Total organic halogens	312	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	16	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-1,3-Dichloropropene	<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	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	1,1-Dichloroethane	52	µg/L	MT
1	1,1-Dichloroethane	48	µg/L	GE
1	1,1-Dichloroethane	57	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<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	1,1,2-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	1,1,2,2-Tetrachloroethane	<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	1,2-Dichloroethane	<5.0	µg/L	MT
1	1,2-Dichloroethane	7.0	µg/L	GE

WELL LFW 7 collected on 06/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	1,2-Dichloroethane	9.0	µg/L	GE
0	1,2-Dichloropropene	<5.0	µg/L	MT
0	1,2-Dichloropropene	<1.0	µg/L	GE
0	1,2-Dichloropropene	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<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	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	J 0.030	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	Gross alpha	<4.0	pCi/L	MT
1	Gross alpha	10±3.4	pCi/L	GE
1	Gross alpha	9.2±3.3	pCi/L	GE
1	Nonvolatile beta	14±4.0	pCi/L	MT
1	Nonvolatile beta	14±4.0	pCi/L	GE
1	Nonvolatile beta	15±5.0	pCi/L	GE
2	Total radium	6.9±0.70	pCi/L	MT
2	Total radium	5.8±0.70	pCi/L	MT
2	Total radium	14±5.6	pCi/L	GE
2	Total radium	16±5.8	pCi/L	GE
1	Trillium	18±2.0	pCi/mL	MT
2	Trillium	24±0.60	pCi/mL	GE
2	Trillium	24±0.60	pCi/mL	GE

WELL LFW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 21.21 ft (6.46 m) below TOC
 Water elevation: 150.19 ft (45.78 m) msl
 Sp. conductance: 528 µS/cm
 Water evacuated before sampling: 35 gal

Time: 8:55
 pH: 6.7
 Alkalinity: 204 mg/L
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.4	pH	MT
0	pH	6.4	pH	GE
1	Specific conductance	427	µS/cm	MT
1	Specific conductance	412	µS/cm	GE
2	Arsenic	26	µg/L	GE
0	Barium	17	µg/L	MT
0	Barium	13	µg/L	GE
1	Benzene	7.0	µg/L	MT
1	Benzene	5.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloride	15,200	µg/L	MT
1	Chloride	41,800	µg/L	GE
1	Chlorobenzene	26	µg/L	MT
1	Chlorobenzene	23	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	7.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
1	Ethylbenzene	32	µg/L	MT
1	Ethylbenzene	32	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	160	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 7 collected on 06/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silver	3.8	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Toluene	9.0	µg/L	MT
1	Toluene	8.0	µg/L	GE
1	Total organic carbon	8,940	µg/L	MT
1	Total organic carbon	11,000	µg/L	GE
2	Total organic halogens	217	µg/L	MT
2	Total organic halogens	192	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	14	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	1,1-Dichloroethane	53	µg/L	MT
1	1,1-Dichloroethane	30	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
1	1,2-Dichloroethane	5.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	J 0.030	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	4.4±2.7	pCi/l	MT
1	Gross alpha	8.8±1.9	pCi/l	GE
1	Nonvolatile beta	14±4.0	pCi/l	MT
0	Nonvolatile beta	9.5±2.5	pCi/l	GE
2	Total radium	6.1±0.70	pCi/l	MT
2	Total radium	11±4.2	pCi/l	GE
1	Tritium	18±2.0	pCi/ml	MT
2	Tritium	21±0.50	pCi/ml	GE

WELL LFW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90
 Depth to water: 22.28 ft (6.79 m) below TOC
 Water elevation: 148.22 ft (45.18 m) msl
 Sp. conductance: 436 µS/cm
 Water evacuated before sampling: 30 gal

Time: 15:15
 pH: 6.6
 Alkalinity: 169 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	MT
1	Specific conductance	257	µS/cm	MT
1	Arsenic	13	µg/L	MT
0	Barium	<10	µg/L	MT
1	Benzene	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	Cadmium	<3.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	20,000	µg/L	MT

WELL LFW 8 collected on 06/11/90, 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	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	12	µg/L	MT
0	Endrin	<0.0080	µg/L	MT
1	Ethylbenzene	32	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silver	3.8	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	9.0	µg/L	MT
0	Total organic carbon	7,380	µg/L	MT
2	Total organic halogens	300	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	320	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	1,1-Dichloroethane	88	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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)	0.11	µg/L	MT
1	Gross alpha	7.4±3.3	pCi/l	MT
1	Nonvolatile beta	24±4.0	pCi/l	MT
2	Total radium	5.8±0.80	pCi/ml	MT
1	Tritium	10±1.0	pCi/ml	MT

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 25.35 ft (7.73 m) below TOC
 Water elevation: 150.15 ft (45.77 m) msl
 Sp. conductance: 43 µS/cm
 Water evacuated before sampling: 56 gal

Time: 11:10
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	41	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	<4.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	7,550	µg/L	MT
0	Chlorobenzene	<5.0	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	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	84	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
1	Ethylbenzene	J 1.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sulfate	<1,000	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 10A collected on 08/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Tetrachloroethylene	9.0	µg/L	MT
1	Toluene	J 2.0	µg/L	MT
0	Total organic carbon	1,670	µg/L	MT
0	Total organic carbon	1,470	µg/L	MT
2	Total organic halogens	79	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	13	µg/L	MT
1	Trichlorofluoromethane	90	µg/L	MT
1	1,1-Dichloroethane	36	µg/L	MT
1	1,1-Dichloroethylene	J 3.0	µg/L	MT
1	1,1,1-Trichloroethane	23	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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±2.2	pCi/L	MT
0	Nonvolatile beta	6.3±3.3	pCi/L	MT
0	Total radium	2.0±0.30	pCi/L	MT
2	Tritium	110±20	pCi/mL	MT

WELL LFW 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90
 Depth to water: 25.96 ft (7.91 m) below TOC
 Water elevation: 152.84 ft (46.59 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 57 gal

Time: 10:45
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	26	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	<4.0	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	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	Lead	8.6	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	570	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	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	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
1	Trichloroethylene	J 2.0	µg/L	MT
1	Trichlorofluoromethane	26	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	5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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

WELL LFW 16 collected on 08/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	3.2±2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
1	Total radium	2.5±0.40	pCi/L	MT
0	Tritium	3.4±0.40	pCi/mL	MT

WELL LFW 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90
 Depth to water: 25.51 ft (7.78 m) below TOC
 Water elevation: 152.29 ft (46.42 m) msl
 Sp. conductance: 271 µS/cm
 Water evacuated before sampling: 63 gal

Time: 10:20
 pH: 6.3
 Alkalinity: 84 mg/L
 Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	MT
0	pH	6.1	pH	MT
1	Specific conductance	187	µS/cm	MT
1	Specific conductance	182	µS/cm	MT
1	Arsenic	13	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	<4.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	15,400	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	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	3.0	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
1	Ethylbenzene	10	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silver	2.6	µg/L	MT
0	Sulfate	1,600	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	7.0	µg/L	MT
0	Total organic carbon	4,250	µg/L	MT
2	Total organic halogens	150	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	160	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	1,1-Dichloroethane	40	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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)	0.11	µg/L	MT
0	Gross alpha	<4.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	1.5±0.30	pCi/L	MT
0	Tritium	6.3±0.70	pCi/mL	MT

ANALYTICAL RESULTS

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 22.84 ft (6.96 m) below TOC
 Water elevation: 152.56 ft (46.50 m) msl
 Sp. conductance: 277 µS/cm
 Water evacuated before sampling: 80 gal

Time: 9:50
 pH: 6.4
 Alkalinity: 113 mg/L
 Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	MT
1	Specific conductance	134	µS/cm	MT
1	Arsenic	12	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	<4.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	12,200	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	<5.0	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	Endrin	<0.0060	µg/L	MT
1	Ethylbenzene	8.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silver	4.3	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Toluene	6.0	µg/L	MT
0	Total organic carbon	2,950	µg/L	MT
2	Total organic halogens	136	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	150	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	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4,5-TP (Silvex)	J 0.030	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	5.7 ± 3.4	pCi/L	MT
1	Total radium	3.4 ± 0.40	pCi/L	MT
0	Tritium	4.7 ± 0.50	pCi/ml	MT

WELL LFW 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 23.23 ft (7.08 m) below TOC
 Water elevation: 153.47 ft (46.78 m) msl
 Sp. conductance: 18 µS/cm
 Water evacuated before sampling: 62 gal

Time: 11:40
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 23.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	18	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	2.4	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT

WELL LFW 19 collected on 06/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,080	µg/L	MT
0	Chlorobenzene	<5.0	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	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	Lead	4.7	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	240	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.80	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	2,500	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 ± 3.3	pCi/L	MT
1	Total radium	3.0 ± 0.40	pCi/L	MT
0	Tritium	3.3 ± 0.40	pCi/ml	MT

WELL LFW 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 24.55 ft (7.48 m) below TOC
 Water elevation: 150.35 ft (46.68 m) msl
 Sp. conductance: 14 µS/cm
 Water evacuated before sampling: 57 gal

Time: 13:20
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	14	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	<4.0	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	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)	J 0.0050	µg/L	MT
0	Lead	3.8	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 20 collected on 08/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	170	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silver	< 0.80	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	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	1.7 ± 0.30	pCi/L	MT
0	Tritium	3.3 ± 0.40	pCi/mL	MT

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
 Depth to water: 27.03 ft (8.24 m) below TOC
 Water elevation: 148.17 ft (45.47 m) msl
 Sp. conductance: 263 µS/cm
 Water evacuated before sampling: 51 gal

Time: 11:40
 pH: 5.5
 Alkalinity: 45 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
1	Specific conductance	255	µS/cm	MT
0	Arsenic	< 2.0	µg/L	MT
0	Barium	15	µg/L	MT
1	Benzene	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	Cadmium	< 3.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
1	Chloride	11,000	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
1	Chloroform	1.0	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	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	380	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
1	Ethylbenzene	8.0	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Silver	< 2.0	µg/L	MT
1	Sulfate	45,000	µg/L	MT
2	Tetrachloroethylene	39	µg/L	MT
1	Toluene	3.0	µg/L	MT
0	Total organic carbon	4,180	µg/L	MT
2	Total organic halogens	464	µg/L	MT
0	Toxaphene	< 0.24	µg/L	MT
1	trans-1,2-Dichloroethene	100	µg/L	MT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
2	Trichloroethylene	44	µg/L	MT
1	Trichlorofluoromethane	170	µg/L	MT
1	1,1-Dichloroethane	110	µg/L	MT
1	1,1-Dichloroethylene	8.0	µg/L	MT
1	1,1,1-Trichloroethane	21	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 5.0	µg/L	MT

WELL LFW 21 collected on 08/11/90, 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
2	Gross alpha	17 ± 4.0	pCi/L	MT
0	Nonvolatile beta	9.1 ± 4.4	pCi/L	MT
1	Total radium	4.8 ± 0.50	pCi/L	MT
0	Tritium	9.0 ± 0.80	pCi/mL	MT

WELL LFW 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
 Depth to water: 25.27 ft (7.70 m) below TOC
 Water elevation: 148.93 ft (45.39 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 70 gal

Time: 11:10
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
0	Specific conductance	38	µS/cm	MT
0	Arsenic	< 2.0	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	< 3.0	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	5,420	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	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	120	µg/L	MT
0	Endrin	< 0.0060	µg/L	MT
1	Ethylbenzene	36	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	Lead	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	< 2.0	µg/L	MT
0	Sulfate	< 1,000	µg/L	MT
1	Tetrachloroethylene	3.0	µg/L	MT
1	Toluene	42	µg/L	MT
0	Total organic carbon	2,790	µg/L	MT
2	Total organic halogens	222	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	8.0	µg/L	MT
1	Trichlorofluoromethane	500	µg/L	MT
1	1,1-Dichloroethane	25	µg/L	MT
1	1,1-Dichloroethylene	3.0	µg/L	MT
1	1,1,1-Trichloroethane	31	µg/L	MT
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 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	19 ± 4.0	pCi/L	MT
0	Nonvolatile beta	5.7 ± 3.7	pCi/L	MT
1	Total radium	4.5 ± 0.50	pCi/L	MT
0	Tritium	3.8 ± 0.40	pCi/mL	MT

ANALYTICAL RESULTS

WELL LFW 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
 Depth to water: 22.87 ft (8.91 m) below TOC
 Water elevation: 149.13 ft (45.46 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 83 gal

Time: 10:45
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	16	µS/cm	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,050	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	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0050	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	Lead	6.9	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	210	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	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
2	Total organic halogens	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	1.10	µg/L	MT
1	Trichlorofluoromethane	1.60	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	1.10	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	<3.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	2.4 ± 0.40	pCi/L	MT
0	Tritium	3.2 ± 0.40	pCi/ml	MT

WELL LFW 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/90
 Depth to water: 20.03 ft (6.11 m) below TOC
 Water elevation: 151.27 ft (46.11 m) msl
 Sp. conductance: 18 µS/cm
 Water evacuated before sampling: 70 gal

Time: 10:15
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 18.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	18	µS/cm	MT
0	Arsenic	<2.0	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	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	<10	µg/L	GE
0	Chloride	1,690	µg/L	MT
0	Chloride	1,690	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE

WELL LFW 24 collected on 08/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,020	µg/L	MT
0	Chlorobenzene	<5.0	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	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Endrin	<0.0050	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	Lead	7.1	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	480	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	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	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	1.10	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
1	Gross alpha	5.9 ± 2.7	pCi/L	MT
0	Gross alpha	4.6 ± 2.7	pCi/L	MT
0	Nonvolatile beta	8.8 ± 3.5	pCi/L	MT
0	Nonvolatile beta	5.5 ± 3.5	pCi/L	MT
1	Total radium	3.6 ± 0.40	pCi/L	MT
0	Tritium	2.7 ± 0.30	pCi/ml	MT

WELL LFW 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90
 Depth to water: 21.20 ft (6.46 m) below TOC
 Water elevation: 153.50 ft (46.79 m) msl
 Sp. conductance: 18 µS/cm
 Water evacuated before sampling: 80 gal

Time: 14:50
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	pH	5.1	pH	GE
0	Specific conductance	16	µS/cm	MT
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.1	µg/L	MT
0	Barium	5.2	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,690	µg/L	MT
0	Chloride	1,690	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 25 collected on 08/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Lead	8.4	µg/L	MT
0	Lead	11	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	MT
0	Nitrate as nitrogen	820	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 0.80	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Gross alpha	3.8 ± 2.1	pCi/L	MT
1	Gross alpha	12 ± 4.0	pCi/L	GE
0	Nonvolatile beta	7.8 ± 3.3	pCi/L	MT
1	Nonvolatile beta	14 ± 5.0	pCi/L	GE
1	Total radium	3.9 ± 0.50	pCi/L	MT
2	Total radium	14 ± 5.5	pCi/L	GE
0	Tritium	3.1 ± 0.40	pCi/ml	MT
0	Tritium	2.1 ± 0.30	pCi/ml	GE

WELL LFW 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/90
 Depth to water: 21.20 ft (6.46 m) below TOC
 Water elevation: 183.80 ft (48.79 m) msl
 Sp. conductance: 18 µS/cm
 Water evacuated before sampling: 80 gal

Time: 14:50
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	pH	5.2	pH	GE
0	Specific conductance	17	µS/cm	MT
0	Specific conductance	21	µS/cm	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	4.8	µg/L	MT
0	Barium	5.1	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,190	µg/L	MT
0	Chloride	1,700	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	GE
0	Lead	7.2	µg/L	MT
0	Lead	16	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	MT
0	Nitrate as nitrogen	810	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 0.80	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	8.6	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 25 collected on 06/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	Gross alpha	4.4 ± 2.2	pCi/L	MT
1	Gross alpha	10 ± 1.3	pCi/L	GE
1	Nonvolatile beta	10 ± 3.0	pCi/L	MT
1	Nonvolatile beta	16 ± 1.6	pCi/L	GE
1	Total radium	3.8 ± 0.50	pCi/L	MT
2	Total radium	14 ± 4.2	pCi/L	GE
0	Tritium	3.4 ± 0.40	pCi/ml	MT
0	Tritium	2.5 ± 0.30	pCi/ml	GE

WELL LFW 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
Depth to water: 28.29 ft (8.62 m) below TOC
Water elevation: 158.81 ft (48.34 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 43 gal

Time: 12:50
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	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	<4.0	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-1,2-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	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sulfate	1,500	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	1,1-Dichloroethane	<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 LFW 26 collected on 06/15/90, 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	<5.0	pCi/L	MT
0	Total radium	1.4 ± 0.30	pCi/L	MT
0	Tritium	3.2 ± 0.40	pCi/ml	MT

WELL LFW 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
Depth to water: 30.17 ft (9.20 m) below TOC
Water elevation: 159.43 ft (48.59 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 44 gal

Time: 12:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	18	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	<4.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,980	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-1,2-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	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	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	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	5.1	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	1.9 ± 0.20	pCi/ml	MT

ANALYTICAL RESULTS

WELL LFW 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/90
 Depth to water: 32.25 ft (9.83 m) below TOC
 Water elevation: 180.85 ft (48.94 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 12 gal
 The well went dry during purging.

Time: 17:10
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.8	pH	MT
0	Specific conductance	74	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	8.5	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	<4.0	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
1	Chromium	7.8	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	Lead	4.4	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	200	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethylene	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<0.40	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	1.2 ± 0.30	pCi/L	MT
0	Tritium	2.0 ± 0.20	pCi/ml	MT

WELL LFW 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90
 Depth to water: 33.92 ft (10.34 m) below TOC
 Water elevation: 181.78 ft (49.31 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 48 gal

Time: 9:35
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 18.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	3.8	pH	MT
0	Specific conductance	73	µS/cm	MT
0	Arsenic	<2.0	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

WELL LFW 28 collected on 08/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,830	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
2	Chromium	143	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	Lead	2.3	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	900	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	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	1,040	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	<0.40	µg/L	MT
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	Gross alpha	2.4 ± 1.8	pCi/L	MT
0	Nonvolatile beta	<8.0	pCi/L	MT
1	Total radium	3.6 ± 0.50	pCi/L	MT
0	Tritium	1.8 ± 0.20	pCi/ml	MT

WELL LFW 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/90
 Depth to water: 48.53 ft (14.78 m) below TOC
 Water elevation: 182.27 ft (49.48 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 53 gal

Time: 9:00
 pH: 5.5
 Alkalinity: 1 mg/L
 Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
0	Specific conductance	20	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	5.8	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	<4.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,160	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
2	Chromium	238	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	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 30 collected on 06/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	250	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.80	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	2.446	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	2.7 ± 0.30	pCi/ml	MT

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90
 Depth to water: 68.27 ft (20.81 m) below TOC
 Water elevation: 161.43 ft (49.20 m) msl
 Sp. conductance: 19 µS/cm
 Water evacuated before sampling: 49 gal

Time: 10:10
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	19	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	4.5	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	<4.0	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
2	Chromium	206	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	Lead	3.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	150	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.80	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 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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	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 LFW 31 collected on 06/22/90, 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	<6.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	1.8 ± 0.20	pCi/ml	MT

WELL LFW 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 64.53 ft (19.67 m) below TOC
 Water elevation: 159.57 ft (48.64 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 40 gal

Time: 13:15
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
0	Specific conductance	30	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	3.9	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	<4.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,980	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
2	Chromium	82	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	Lead	<2.0	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	<0.80	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Total radium	1.8 ± 0.30	pCi/L	MT
0	Tritium	3.4 ± 0.40	pCi/ml	MT

ANALYTICAL RESULTS

WELL LFW 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 55.62 ft (16.95 m) below TOC
 Water elevation: 158.48 ft (48.31 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 45 gal

Time: 12:50
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	21	µS/cm	MT
0	Arsenic	<2.0	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	<4.0	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
2	Chromium	146	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	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	190	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 ± 3.8	pCi/L	MT
0	Total radium	2.2 ± 0.40	pCi/L	MT
0	Tritium	3.0 ± 0.30	pCi/mL	MT

WELL LFW 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 44.16 ft (13.46 m) below TOC
 Water elevation: 157.24 ft (47.93 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 39 gal

Time: 12:05
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	19	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	4.5	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromoform	<5.0	µg/L	MT

WELL LFW 34 collected on 06/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,880	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
2	Chromium	121	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	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	200	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	1.3 ± 0.30	pCi/L	MT
0	Tritium	3.1 ± 0.40	pCi/mL	MT

WELL LFW 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/90
 Depth to water: 27.86 ft (8.49 m) below TOC
 Water elevation: 158.24 ft (47.92 m) msl
 Sp. conductance: 15 µS/cm
 Water evacuated before sampling: 37 gal

Time: 13:45
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	15	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	<4.0	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	<5.0	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	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 35 collected on 06/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	170	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	1.3 ± 0.30	pCi/L	MT
0	Tritium	3.3 ± 0.40	pCi/mL	MT

WELL LFW 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90
 Depth to water: 25.78 ft (7.86 m) below TOC
 Water elevation: 144.62 ft (44.08 m) msl
 Sp. conductance: 280 µS/cm
 Water evacuated before sampling: 40 gal

Time: 14:45
 pH: 6.1
 Alkalinity: 83 mg/L
 Water temperature: 19.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	MT
1	Specific conductance	251	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	<10	µg/L	MT
1	Benzene	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	Cadmium	<3.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	16,900	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	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	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	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sulfate	2,480	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	4,280	µg/L	MT
2	Total organic halogens	252	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	210	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	1,1-Dichloroethane	77	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<5.0	µg/L	MT

WELL LFW 36 collected on 06/11/90, 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
0	Nonvolatile beta	7.8 ± 3.2	pCi/L	MT
1	Total radium	2.8 ± 0.40	pCi/L	MT
0	Tritium	9.3 ± 1.0	pCi/mL	MT

WELL LFW 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90
 Depth to water: 28.08 ft (8.56 m) below TOC
 Water elevation: 141.81 ft (43.22 m) msl
 Sp. conductance: 94 µS/cm
 Water evacuated before sampling: 35 gal

Time: 14:15
 pH: 5.1
 Alkalinity: 3 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Specific conductance	91	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	<10	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	<3.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Chloride	11,300	µg/L	MT
0	Chlorobenzene	<5.0	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	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	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	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	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 organic carbon	2,410	µg/L	MT
2	Total organic halogens	154	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
1	trans-1,2-Dichloroethene	82	µg/L	MT
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
2	Trichloroethylene	13	µg/L	MT
1	Trichlorofluoromethane	59	µg/L	MT
1	1,1-Dichloroethane	61	µg/L	MT
1	1,1-Dichloroethylene	J 1.0	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	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
1	2,4,5-TP (Silvex)	0.25	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	8.4 ± 3.0	pCi/L	MT
1	Total radium	3.2 ± 0.40	pCi/L	MT
0	Tritium	7.8 ± 0.80	pCi/mL	MT

ANALYTICAL RESULTS

WELL LFW 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/80
 Depth to water: 28.48 ft (8.68 m) below TOC
 Water elevation: 141.82 ft (43.23 m) msl
 Sp. conductance: 56 µS/cm
 Water evacuated before sampling: 33 gal
 Time: 11:00
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	Specific conductance	55	µS/cm	MT
0	Specific conductance	45	µS/cm	GE
0	Specific conductance	45	µS/cm	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	MT
0	Barium	5.8	µg/L	GE
0	Barium	5.8	µg/L	GE
0	Benzene	<5.0	µg/L	MT
1	Benzene	2.0	µg/L	GE
1	Benzene	2.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoforn	<5.0	µg/L	MT
0	Bromoforn	<1.0	µg/L	GE
0	Bromoforn	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloride	13,300	µg/L	MT
1	Chloride	10,200	µg/L	GE
1	Chloride	10,600	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
1	Chloroform	7.0	µg/L	MT
1	Chloroform	6.0	µg/L	GE
1	Chloroform	7.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
2	Chromium	128	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<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	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	51	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL LFW 38 collected on 06/20/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	90	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<0.80	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Tetrachloroethylene	1.0	µg/L	GE
1	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,730	µg/L	MT
1	Total organic carbon	8,000	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
2	Total organic halogens	180	µg/L	MT
2	Total organic halogens	174	µg/L	GE
2	Total organic halogens	153	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	46	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-1,3-Dichloropropene	<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
2	Trichloroethylene	18	µg/L	MT
2	Trichloroethylene	20	µg/L	GE
2	Trichloroethylene	19	µg/L	GE
1	Trichlorofluoromethane	49	µg/L	MT
1	Trichlorofluoromethane	49	µg/L	GE
1	Trichlorofluoromethane	51	µg/L	GE
1	1,1-Dichloroethane	38	µg/L	MT
1	1,1-Dichloroethane	38	µg/L	GE
0	1,1-Dichloroethane	44	µg/L	GE
1	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1-Dichloroethylene	3.0	µg/L	GE
1	1,1-Dichloroethylene	3.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
1	1,1,1-Trichloroethane	9.0	µg/L	GE
1	1,1,1-Trichloroethane	11	µg/L	GE
0	1,1,2-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	1,1,2,2-Tetrachloroethane	<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	1,2-Dichloroethane	<5.0	µg/L	MT
1	1,2-Dichloroethane	3.0	µg/L	GE
1	1,2-Dichloroethane	4.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<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	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	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	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	2.8 ± 2.0	pCi/L	GE
0	Nonvolatile beta	3.2 ± 2.0	pCi/L	GE
0	Total radium	1.6 ± 0.30	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	5.0 ± 0.50	pCi/mL	MT
0	Tritium	5.4 ± 0.40	pCi/mL	GE
0	Tritium	5.1 ± 0.40	pCi/mL	GE

ANALYTICAL RESULTS

WELL LFW 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 28.48 ft (8.68 m) below TOC
 Water elevation: 141.82 ft (43.23 m) msl
 Sp. conductance: 58 µS/cm
 Water evacuated before sampling: 33 gal

Time: 11:00
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
0	pH	5.0	pH	GE
0	Specific conductance	58	µS/cm	MT
0	Specific conductance	55	µS/cm	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	MT
0	Barium	5.4	µg/L	GE
0	Benzene	<5.0	µg/L	MT
1	Benzene	2.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloride	13,000	µg/L	MT
1	Chloride	11,800	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
1	Chloroform	7.0	µg/L	MT
1	Chloroform	7.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
2	Chromium	116	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	51	µg/L	MT
1	Dichloromethane (Methylene chloride)	103	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	8.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	80	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
1	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,600	µg/L	MT
1	Total organic carbon	9,000	µg/L	GE
2	Total organic halogens	153	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
1	trans-1,2-Dichloroethene	48	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	21	µg/L	MT

WELL LFW 38 collected on 06/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Trichloroethylene	20	µg/L	GE
1	Trichlorofluoromethane	110	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	1,1-Dichloroethane	38	µg/L	MT
1	1,1-Dichloroethane	39	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
1	1,1-Dichloroethylene	3.0	µg/L	GE
1	1,1,1-Trichloroethane	13	µg/L	MT
1	1,1,1-Trichloroethane	12	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
1	1,2-Dichloroethane	4.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Nonvolatile beta	2.5±2.0	pCi/L	GE
0	Total radium	1.2±0.30	pCi/L	MT
0	Total radium	1.8±1.5	pCi/L	GE
0	Tritium	5.2±0.80	pCi/mL	MT
0	Tritium	5.9±0.40	pCi/mL	GE

WELL LFW 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90
 Depth to water: 29.38 ft (8.96 m) below TOC
 Water elevation: 142.02 ft (43.29 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 36 gal

Time: 13:50
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.5°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	<1.0	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)	<1.0	µg/L	MT
0	Cadmium	<3.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,370	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	12	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	Lead	<2.0	µg/L	MT
1	Mercury	0.93	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	280	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	110	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	<1,000	µg/L	MT
2	Total organic halogens	154	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
2	Trichloroethylene	8.0	µg/L	MT
1	Trichlorofluoromethane	56	µg/L	MT
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 39 collected on 06/11/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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±0.30	pCi/L	MT
0	Tritium	3.4±0.40	pCi/mL	MT

WELL LFW 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90
 Depth to water: 29.51 ft (8.99 m) below TOC
 Water elevation: 141.49 ft (43.13 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 32 gal

Time: 13:20
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	Specific conductance	21	µS/cm	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,870	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	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	90	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	Lead	<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	Nitrate as nitrogen	720	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
1	Tetrachloroethylene	13.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total organic carbon	4,970	µg/L	MT
2	Total organic halogens	174	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	9.0	µg/L	MT
1	Trichlorofluoromethane	210	µg/L	MT
1	1,1-Dichloroethane	21	µg/L	MT
0	1,1-Dichloroethylene	<5.0	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
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Total radium	2.0±0.30	pCi/L	MT
0	Tritium	2.6±0.30	pCi/mL	MT

WELL LFW 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90
 Depth to water: 27.78 ft (8.47 m) below TOC
 Water elevation: 142.72 ft (43.50 m) msl
 Sp. conductance: 14 µS/cm
 Water evacuated before sampling: 42 gal

Time: 12:45
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	14	µS/cm	MT
0	Arsenic	<2.0	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	<3.0	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,730	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	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	Lead	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<2.0	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 carbon	<1,000	µg/L	MT
1	Total organic halogens	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
1	Trichlorofluoromethane	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	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	1.3±0.30	pCi/L	MT
0	Tritium	3.9±0.40	pCi/mL	MT

WELL LFW 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/90
 Depth to water: 25.11 ft (7.65 m) below TOC
 Water elevation: 144.99 ft (44.19 m) msl
 Sp. conductance: 14 µS/cm
 Water evacuated before sampling: 41 gal

Time: 12:15
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
0	Specific conductance	15	µS/cm	MT
0	Arsenic	<2.0	µg/L	MT
0	Barium	<10	µg/L	MT
0	Benzene	<5.0	µg/L	MT
0	Bromodichloromethane	<5.0	µg/L	MT

ANALYTICAL RESULTS

WELL LFW 42 collected on 08/11/90, 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	<3.0	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
0	Chromium	<5.0	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	<0.0080	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	Lead	<2.0	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	<2.0	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	1,500	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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 radium	2.8 ± 0.40	pCi/L	MT
0	Tritium	3.0 ± 0.30	pCi/mL	MT

WELL LRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90
 Depth to water: 47.32 ft (14.42 m) below TOC
 Water elevation: 205.58 ft (62.66 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 61 gal

Time: 15:35
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 21.6°C

WELL LRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90
 Depth to water: 49.82 ft (15.19 m) below TOC
 Water elevation: 206.88 ft (63.06 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 58 gal

Time: 15:50
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 20.9°C

WELL LRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90
 Depth to water: 52.18 ft (15.80 m) below TOC
 Water elevation: 208.02 ft (63.28 m) msl
 Sp. conductance: 42 µS/cm
 Water evacuated before sampling: 38 gal

Time: 14:55
 pH: 4.7
 Alkalinity: 1 mg/L
 Water temperature: 21.1°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
1	Carbon tetrachloride	2.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
1	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
2	Tetrachloroethylene	7.0	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
2	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<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 LRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90
 Depth to water: 50.23 ft (15.31 m) below TOC
 Water elevation: 205.37 ft (62.60 m) msl
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 83 gal

Time: 15:20
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.9°C

WELL LSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 24.98 ft (7.61 m) below TOC
 Water elevation: 207.72 ft (63.31 m) msl
 Sp. conductance: 16 µS/cm
 Water evacuated before sampling: 39 gal

Time: 11:35
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	7.3	µg/L	MT
0	Gross alpha	<2.0	pCi/L	MT
0	Nonvolatile beta	<6.0 ± 4.0	pCi/L	MT
1	Total activity	3,950 ± 10	pCi/mL	EM
2	Tritium	3,400 ± 400	pCi/mL	MT

ANALYTICAL RESULTS

WELL LSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 26.67 ft (8.13 m) below TOC
 Water elevation: 208.53 ft (63.56 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 35 gal

Time: 12:30
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 22.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	17	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
1	Nonvolatile beta	12 ± 4.0	pCi/L	MT
0	Tritium	4.7 ± 0.50	pCi/ml	MT

WELL LSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 23.73 ft (7.23 m) below TOC
 Water elevation: 212.67 ft (64.82 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 42 gal

Time: 13:00
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	16	µg/L	MT
0	Gross alpha	<3.0	pCi/L	MT
0	Nonvolatile beta	<5.0	pCi/L	MT
2	Tritium	26 ± 3.0	pCi/ml	MT

WELL LSB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 19.92 ft (6.07 m) below TOC
 Water elevation: 211.58 ft (64.49 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 52 gal

Time: 13:35
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	15	µg/L	MT
1	Lead	23	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	2.2 ± 3.5	pCi/L	GE
1	Total activity	3,850 ± 100	pCi/ml	EM
2	Tritium	3,300 ± 400	pCi/ml	MT
2	Tritium	4,020 ± 62	pCi/ml	GE

WELL LSB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 19.92 ft (6.07 m) below TOC
 Water elevation: 211.58 ft (64.49 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 52 gal

Time: 13:35
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	16	µg/L	MT
2	Lead	28	µg/L	GE
2	Lead	29	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
2	Tritium	3,500 ± 50	pCi/ml	GE
2	Tritium	3,790 ± 62	pCi/ml	GE

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 109.66 ft (33.42 m) below TOC
 Water elevation: 218.74 ft (66.67 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 14:05
 pH: 6.1
 Alkalinity: 7 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
1	Tetrachloroethylene	4.7	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	51	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 130.35 ft (39.73 m) below TOC
 Water elevation: 220.05 ft (67.07 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 2 gal
 The well went dry during purging.

Time: 15:00
 pH: 5.7
 Alkalinity: 3 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
2	Tetrachloroethylene	20	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	57	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 119.46 ft (36.41 m) below TOC
 Water elevation: 220.14 ft (67.10 m) msl
 Sp. conductance: 57 µS/cm
 Water evacuated before sampling: 9 gal
 The well went dry during purging.

Time: 14:30
 pH: 5.9
 Alkalinity: 5 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
2	Tetrachloroethylene	80	µg/L	MA
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	616	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 146.54 ft (44.67 m) below TOC
 Water elevation: 192.56 ft (58.69 m) msl
 Sp. conductance: 2390 µS/cm
 Water evacuated before sampling: 11 gal
 The well went dry during purging.

Time: 14:20
 pH: 11.8
 Alkalinity: 550 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
1	Specific conductance	2,820	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	288	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	37,400	µg/L	GE
0	Chloride	1,200	µg/L	GE
0	Chloroform	<5.0	µg/L	MA

ANALYTICAL RESULTS

WELL MCB 5C collected on 05/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Chromium	6.4	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	8.3	µg/L	GE
1	Lead	20	µg/L	GE
0	Magnesium	16	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	620	µg/L	GE
1	Phenols	14	µg/L	GE
1	Potassium	78,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,160	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	46,300	µg/L	GE
0	Sulfate	4,700	µg/L	GE
2	Tetrachloroethylene	23	µg/L	MA
0	Total dissolved solids	727,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	103	µg/L	GE
0	Total phosphates	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	173	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Gross alpha	<2.0	pCi/L	GE
2	Nonvolatile beta	77 ± 9.3	pCi/L	GE
1	Total radium	3.3 ± 2.6	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 116.56 ft (35.53 m) below TOC
 Water elevation: 215.54 ft (65.70 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 2 gal
 The well went dry during purging

Time: 8:30
 pH: 6.0
 Alkalinity: 4 mg/L
 Water temperature: 19.4°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
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 MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 139.35 ft (42.47 m) below TOC
 Water elevation: 192.75 ft (58.75 m) msl
 Sp. conductance: 68 µS/cm
 Water evacuated before sampling: 106 gal

Time: 19:55
 pH: 5.8
 Alkalinity: 9 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	.44	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,280	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GF
0	Iron	32	µg/L	GI
0	Lead	<3.0	µg/L	GE
0	Magnesium	168	µg/L	GE
0	Manganese	24	µg/L	GE
0	Manganese	23	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	670	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,050	µg/L	GE
0	Potassium	1,980	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL MCB 6C collected on 05/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Silica	23,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	5,720	µg/L	GE
0	Sulfate	3,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	137,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	14	µg/L	GE
1	Total phosphates	1,180	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	Gross alpha	4.0 ± 2.9	pCi/L	GE
0	Nonvolatile beta	6.4 ± 4.6	pCi/L	GE
2	Total radium	20 ± 5.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 144.85 ft (44.15 m) below TOC
 Water elevation: 192.85 ft (58.78 m) msl
 Sp. conductance: 5010 µS/cm
 Water evacuated before sampling: 15 gal
 The well went dry during purging

Time: 14:45
 pH: 12.2
 Alkalinity: 1462 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
1	Specific conductance	1,990	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
2	Barium	533	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	32,000	µg/L	GE
0	Chloride	830	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Fluoride	140	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	26	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	84,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,390	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	48,400	µg/L	GE
0	Sulfate	1,800	µg/L	GE
1	Tetrachloroethylene	1.2	µg/L	MA
0	Total dissolved solids	533,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	24	µg/L	GE
0	Total phosphates	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	10	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
1	1,1,1-Trichloroethane	1.4	µg/L	MA
0	Gross alpha	<2.0	pCi/L	GE
1	Nonvolatile beta	22 ± 5.7	pCi/L	GE
1	Total radium	4.2 ± 2.7	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL MGA 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 10:35

ANALYTICAL RESULTS

WELL MGC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 55.50 ft (16.92 m) below TOC
 Water elevation: 228.80 ft (69.68 m) msl
 Sp. conductance: 1345 μ S/cm
 No water was evacuated before sampling.

Time: 11:10
 pH: 5.8
 Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	3.5 ± 1.9	pCi/L	EM
1	Nonvolatile beta	18 ± 2.8	pCi/L	EM
2	Tritium	2,310 ± 110	pCi/mL	EM

WELL MGC 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 11:20

WELL MGC 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 55.00 ft (16.76 m) below TOC
 Water elevation: 231.80 ft (70.59 m) msl
 Sp. conductance: 168 μ S/cm
 Water evacuated before sampling: 3 gal

Time: 9:40
 pH: 5.7
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.0 ± 1.1	pCi/L	EM
0	Nonvolatile beta	3.1 ± 1.2	pCi/L	EM
2	Tritium	26 ± 1.2	pCi/mL	EM

WELL MGC 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 9:55

WELL MGC 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 54.50 ft (16.61 m) below TOC
 Water elevation: 243.50 ft (74.22 m) msl
 Sp. conductance: 57 μ S/cm
 No water was evacuated before sampling.

Time: 10:20
 pH: 6.3
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.7 ± 0.98	pCi/L	EM
0	Nonvolatile beta	3.5 ± 1.3	pCi/L	EM
2	Tritium	3,230 ± 10	pCi/mL	EM

WELL MGC 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 81.50 ft (24.84 m) below TOC
 Water elevation: 235.10 ft (71.66 m) msl
 Sp. conductance: 35 μ S/cm
 No water was evacuated before sampling.

Time: 10:30
 pH: 6.8
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.3 ± 0.86	pCi/L	EM
0	Nonvolatile beta	1.8 ± 0.99	pCi/L	EM
2	Tritium	4,300 ± 10	pCi/mL	EM

WELL MGE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 11:05

WELL MGE 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 9:50

WELL MGE 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 Depth to water: 47.50 ft (14.48 m) below TOC
 Water elevation: 234.70 ft (71.54 m) msl
 Sp. conductance: 82 μ S/cm
 Water evacuated before sampling: 3 gal

Time: 10:10
 pH: 6.7
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	220 ± 70	pCi/L	MT
2	Gross alpha	230 ± 80	pCi/L	MT
1	Gross alpha	13 ± 4.2	pCi/L	GE
0	Gross alpha	2.9 ± 1.2	pCi/L	EM
2	Nonvolatile beta	380 ± 100	pCi/L	MT
2	Nonvolatile beta	480 ± 100	pCi/L	MT
1	Nonvolatile beta	14 ± 4.9	pCi/L	GE
0	Nonvolatile beta	2.2 ± 1.1	pCi/L	EM
2	Tritium	110 ± 20	pCi/mL	MT
2	Tritium	131 ± 1.2	pCi/mL	GE
2	Tritium	89 ± 2.1	pCi/mL	EM

WELL MGE 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 11:00

WELL MGG 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90
 The well was dry.

Time: 9:30

ANALYTICAL RESULTS

WELL MGG 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90 Time: 9:35
The well was dry.

WELL MGG 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90 Time: 10:00
The well was dry.

WELL MGG 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90 Time: 10:05
The well was dry.

WELL MGG 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/90 Time: 10:55
The well was dry.

WELL MSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90 Time: 11:00
The well was dry.

WELL MSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90 Time: 11:30
Depth to water: Not available pH: 4.3
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 32 µS/cm Water temperature: 18.4 C
Water evacuated before sampling: 19 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
0	pH	4.4	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	36	µS/cm	GE
1	Aluminum	283	µg/L	GE
1	Aluminum	299	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	4.3	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE

WELL MSB 2A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethane (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-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
1	Copper	285	µg/L	GE
1	Copper	281	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	Lead	31	µg/L	GE
2	Lead	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	1,340	µg/L	GE
0	Nitrate as nitrogen	1,320	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	2,000	µg/L	GE
0	Sodium	2,090	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	950	µg/L	GE
2	Tetrachloroethylene	910	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	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	218	µg/L	GE
2	Trichloroethylene	220	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	31	µg/L	GE
0	Zinc	38	µg/L	GE
1	1,1-Dichloroethane	2.0	µg/L	GE
1	1,1-Dichloroethane	2.0	µg/L	GE
1	1,1-Dichloroethylene	13	µg/L	GE
1	1,1-Dichloroethylene	13	µg/L	GE
1	1,1,1-Trichloroethane	29	µg/L	GE
1	1,1,1-Trichloroethane	29	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 MSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90 Time: 11:50
Inaccessibility or pump failure prevented sample collection.

ANALYTICAL RESULTS

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
The well was dry.

Time: 13:25

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 100 µS/cm
Water evacuated before sampling: 28 gal

Time: 18:45
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
1	Specific conductance	105	µS/cm	GE
0	Aluminum	22	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	5.8	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	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-1,3-Dichloropropene	< 1.0	µg/L	GE
1	Copper	34	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	Lead	8.0	µg/L	GE
1	Mercury	0.73	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
1	Nitrate as nitrogen	8,300	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	16,800	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	19	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates	< 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	20	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	47	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	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

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
Depth to water: 118.08 ft (38.28 m) below TOC
Water elevation: 224.84 ft (68.53 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 34 gal

Time: 17:08
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	43	µS/cm	GE
0	Aluminum	74	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	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
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Copper	7.7	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	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	8,980	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 phosphates	< 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
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	13	µg/L	GE
0	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 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
Depth to water: 114.08 ft (34.77 m) below TOC
Water elevation: 230.44 ft (70.24 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 48 gal

Time: 17:25
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	pH	5.0	pH	GE
0	Specific conductance	51	µS/cm	MT
0	Specific conductance	57	µS/cm	GE
0	Aluminum	82	µg/L	MT
0	Aluminum	24	µg/L	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	18	µg/L	MT
0	Barium	16	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 7A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,700	µg/L	MT
0	Chloride	4,800	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	9.1	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	8.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	0.020	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	3,400	µg/L	MT
0	Nitrate as nitrogen	2,940	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	5,830	µg/L	MT
1	Sodium	6,270	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	12	µg/L	MT
2	Tetrachloroethylene	13	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	31	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	5.0	µg/L	MT
2	Trichloroethylene	5.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	6.6	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT

WELL MSB 7A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 114.08 ft (34.77 m) below TOC
 Water elevation: 230.44 ft (70.24 m) msl
 Sp. conductance: 58 µS/cm
 Water evacuated before sampling: 48 gal

Time: 17:28
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	pH	5.0	pH	GE
0	Specific conductance	53	µS/cm	MT
0	Specific conductance	57	µS/cm	GE
0	Aluminum	40	µg/L	MT
0	Aluminum	38	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	MT
0	Barium	20	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,800	µg/L	MT
0	Chloride	4,400	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
1	Chromium	5.3	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	4.1	µg/L	GE
1	Nitrate as nitrogen	3,800	µg/L	MT
0	Nitrate as nitrogen	2,940	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	5,860	µg/L	MT
1	Sodium	6,430	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	12	µg/L	MT
2	Tetrachloroethylene	13	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	41	µg/L	MT
0	Total phosphates	32	µg/L	MT

ANALYTICAL RESULTS

WELL MSB 7A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total phosphates	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropane	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
2	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoroethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Zinc	13	µg/L	MT
0	Zinc	8.1	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 117.12 ft (35.70 m) below TOC
 Water elevation: 227.08 ft (69.21 m) msl
 Sp. conductance: 120 µS/cm
 Water evacuated before sampling: 38 gal

Time: 18:10
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
1	Specific conductance	126	µS/cm	GE
1	Aluminum	91	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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	Copper	11	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	Lead	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	12,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	15,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	140	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<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	42	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	4.8	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL MSB 8A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	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 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 150.85 ft (45.88 m) below TOC
 Water elevation: 208.85 ft (63.68 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 175 gal

Time: 13:10
 pH: 5.8
 Alkalinity: 11 mg/L
 Water temperature: 17.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.0	pH	GE
0	Specific conductance	44	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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-1,3-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	Lead	3.4	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	260	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,870	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	2,070	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<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	1,320	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
2	Zinc	3,070	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 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/00
 Depth to water: 130.14 ft (39.87 m) below TOC
 Water elevation: 229.48 ft (69.94 m) msf
 Sp. conductance: 194 µS/cm
 Water evacuated before sampling: 10 gal
 The well went dry during purging.

Time: 18:30
 pH: 8.8
 Alkalinity: 15 mg/L
 Water temperature: 18.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.0	pH	GE
1	Specific conductance	201	µS/cm	GE
0	Aluminum	41	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,300	µg/L	GE
1	Chlorobenzene	5.0	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	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	Copper	<4.0	µg/L	GE
1	Cyanide	7.0	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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	8,340	µg/L	GE
1	Phenols	10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	13,400	µg/L	GE
0	Sulfate	1,600	µg/L	GE
2	Tetrachloroethylene	49,000	µg/L	GE
1	Toluene	3.0	µg/L	GE
0	Total phosphates	<50	µg/L	GE
1	trans-1,2-Dichloroethene	1,900	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	43,500	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	38	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	44	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 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/00
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 283 µS/cm
 Water evacuated before sampling: 18 gal

Time: 12:45
 pH: 3.7
 Alkalinity: 0 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	GE
1	Specific conductance	303	µS/cm	GE
2	Aluminum	8,070	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	60	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL MSB 9C collected on 04/08/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
1	Chloride	10,200	µg/L	GE
1	Chlorobenzene	18	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	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
1	Copper	65	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	Lead	24	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	23	µg/L	GE
2	Nitrate as nitrogen	30,000	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	19,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	99,200	µg/L	GE
0	Toluene	<1.0	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	45,500	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	Uranium	2,470	µg/L	GE
0	Zinc	84	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	15	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

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/00
 Depth to water: 148.34 ft (45.21 m) below TOC
 Water elevation: 209.66 ft (62.99 m) msf
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 231 gal

Time: 15:45
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	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	Bromodichloromethane	<1.0	µg/L	GE
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	Chloroethane (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	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	Lead	<3.0	µg/L	GE
1	Mercury	0.73	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,610	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 10A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
0	Toluene	<1.0	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	13	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	41	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 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 146.25 ft (44.58 m) below TOC
 Water elevation: 208.45 ft (63.54 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 153 gal

Time: 16:05
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.1	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Aluminum	49	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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-1,3-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	Lead	5.0	µg/L	GE
2	Mercury	1.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,510	µg/L	GE
0	Sulfate	6,900	µg/L	GE
2	Tetrachloroethylene	50	µg/L	GE
0	Toluene	<1.0	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	26	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	34	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 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 128.56 ft (39.19 m) below TOC
 Water elevation: 227.44 ft (69.32 m) msl
 Sp. conductance: 329 µS/cm
 Water evacuated before sampling: 97 gal

Time: 16:25
 pH: 8.2
 Alkalinity: 49 mg/L
 Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.5	pH	GE
1	Specific conductance	335	µS/cm	GE
0	Aluminum	87	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	233	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,800	µg/L	GE
1	Chlorobenzene	4.0	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	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	Lead	<3.0	µg/L	GE
2	Mercury	1.2	µg/L	GE
0	Nickel	5.2	µg/L	GE
2	Nitrate as nitrogen	28,300	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	14,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	45,700	µg/L	GE
1	Toluene	3.0	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	57,300	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	8.1	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	6.0	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	16	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 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 154.35 ft (47.05 m) below TOC
 Water elevation: 210.55 ft (64.18 m) msl
 Sp. conductance: 36 µS/cm
 Water evacuated before sampling: 208 gal

Time: 14:20
 pH: 5.5
 Alkalinity: 10 mg/L
 Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	38	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

ANALYTICAL RESULTS

WELL MSB 11A collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	170	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,820	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 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	15	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	89	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 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 149.24 ft (45.49 m) below TOC
 Water elevation: 215.56 ft (65.70 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 143 gal

Time: 14:10
 pH: 5.5
 Alkalinity: 7 mg/L
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Aluminum	29	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	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-1,3-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	Lead	3.2	µg/L	GE
2	Mercury	12	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	220	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,420	µg/L	GE

WELL MSB 11B collected on 04/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	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	151	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	87	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 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 147.78 ft (45.04 m) below TOC
 Water elevation: 217.14 ft (66.19 m) msl
 Sp. conductance: 55 µS/cm
 Water evacuated before sampling: 103 gal

Time: 14:30
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Aluminum	63	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,200	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	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	Lead	4.2	µg/L	GE
2	Mercury	1.7	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	4,540	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	17	µg/L	GE
0	Toluene	<1.0	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	62,300	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	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

ANALYTICAL RESULTS

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 136.35 ft (41.56 m) below TOC
 Water elevation: 228.85 ft (69.75 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 70 gal

Time: 14:40
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Aluminum	58	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,200	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	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	Lead	<3.0	µg/L	GE
1	Mercury	0.49	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,050	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	2,370	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	370	µg/L	GE
0	Toluene	<1.0	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	3,890	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	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

WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 The well was dry.

Time: 13:40

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 18 gal

Time: 14:55
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 18.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
0	Specific conductance	35	µS/cm	GE
1	Aluminum	144	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	2,800	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-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	17	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	4.5	µg/L	GE
1	Mercury	0.73	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	1,800	µg/L	GE
2	Tetrachloroethylene	2,000	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	290	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	7,950	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	27	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	1.0	µg/L	GE
1	1,1,1-Trichloroethane	2.0	µg/L	GE
1	1,1,2-Trichloroethane	3.0	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 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 141.47 ft (43.12 m) below TOC
 Water elevation: 206.33 ft (62.89 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 235 gal

Time: 15:50
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	29	µg/L	GE
0	Aluminum	23	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

ANALYTICAL RESULTS

WELL MSB 12A collected on 05/06/90, laboratory analyses (continued)

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	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	1,700	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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-1,3-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	Lead	5.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	270	µg/L	GE
0	Nitrate as nitrogen	260	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	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	1,500	µg/L	GE
0	Sodium	1,470	µg/L	GE
0	Sulfate	3,700	µg/L	GE
0	Sulfate	4,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<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	663	µg/L	GE
2	Trichloroethylene	684	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	44	µg/L	GE
0	Zinc	43	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

WELL MSB 12A collected on 05/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 133.14 ft (40.58 m) below TOC
 Water elevation: 215.26 ft (65.61 m) msl
 Sp. conductance: 127 µS/cm
 Water evacuated before sampling: 154 gal

Time: 14:45
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
1	Specific conductance	123	µS/cm	GE
0	Aluminum	64	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	3,500	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	Copper	12	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	Lead	10	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	11,800	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	13,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	253	µg/L	GE
0	Toluene	<1.0	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	622	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	25	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	25	µg/L	GE
1	1,1,1-Trichloroethane	13	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

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 127.16 ft (38.76 m) below TOC
 Water elevation: 220.74 ft (67.28 m) msl
 Sp. conductance: 145 µS/cm
 Water evacuated before sampling: 111 gal

Time: 15:00
 pH: 5.2
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
1	Specific conductance	144	µS/cm	GE
0	Aluminum	54	µg/L	GE
0	Arsenic	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 12C collected on 05/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	27	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	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	Lead	8.1	µg/L	GE
1	Mercury	0.49	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	14,800	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	14,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	1,370	µg/L	GE
0	Toluene	<1.0	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	2,340	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	220	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	29	µg/L	GE
1	1,1,1-Trichloroethane	27	µg/L	GE
1	1,1,2-Trichloroethane	3.0	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 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
The well was dry.

Time: 13:05

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
Depth to water: 157.35 ft (47.96 m) below TOC
Water elevation: 191.15 ft (58.26 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 793 gal

Time: 15:35
pH: 6.2
Alkalinity: 8 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Aluminum	55	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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

WELL MSB 12TA collected on 05/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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	Lead	4.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,320	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 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	Zinc	9.0	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 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
Depth to water: 157.15 ft (47.90 m) below TOC
Water elevation: 191.75 ft (58.45 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 522 gal

Time: 14:15
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	21	µS/cm	GE
1	Aluminum	111	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	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-1,3-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	Lead	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	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	3,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	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

ANALYTICAL RESULTS

WELL MSB 12TB collected on 05/06/90, 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	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	1,1,2-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 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 140.15 ft (42.72 m) below TOC
 Water elevation: 205.05 ft (62.50 m) msl
 Sp. conductance: 55 µS/cm
 Water evacuated before sampling: 195 gal

Time: 12:45
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 18.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Aluminum	58	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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	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	Lead	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,640	µg/L	GE
0	Sulfate	1,200	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	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	80	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	Uranium	5,180	µg/L	GE
0	Zinc	39	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 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 147.84 ft (45.06 m) below TOC
 Water elevation: 197.78 ft (60.28 m) msl
 Sp. conductance: 2350 µS/cm
 Water evacuated before sampling: 2 gal
 The well went dry during purging.

Time: 12:25
 pH: 12.7
 Alkalinity: 812 mg/L
 Water temperature: 18.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
1	Specific conductance	2,790	µS/cm	GE
1	Aluminum	259	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	382	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
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	740	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
2	Chromium	30	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	13	µg/L	GE
1	Cyanide	9.0	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	Lead	142	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	18,800	µg/L	GE
1	Phenols	8.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	38,200	µg/L	GE
0	Sulfate	4,000	µg/L	GE
2	Tetrachloroethylene	57	µg/L	GE
1	Toluene	2.0	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	22	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	Uranium	4,070	µg/L	GE
0	Zinc	89	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	1,1,2-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 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 The well was dry.

Time: 12:10

ANALYTICAL RESULTS

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 134.44 ft (40.98 m) below TOC
 Water elevation: 213.86 ft (65.19 m) msl
 Sp. conductance: 181 µS/cm
 Water evacuated before sampling: 180 gal

Time: 10:25
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 17.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
1	Specific conductance	158	µS/cm	GE
0	Aluminum	57	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	50	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,000	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	2.4	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	Lead	7.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	17,600	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	8,780	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	1,300	µg/L	GE
0	Toluene	<1.0	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	888	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	7.5	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	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 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 133.26 ft (40.62 m) below TOC
 Water elevation: 215.44 ft (65.67 m) msl
 Sp. conductance: 160 µS/cm
 Water evacuated before sampling: 70 gal

Time: 9:55
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 17.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
1	Specific conductance	158	µS/cm	GE
1	Aluminum	83	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	39	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL MSB 14B collected on 04/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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
1	Chromium	5.8	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	Lead	5.8	µg/L	GE
2	Mercury	1.7	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	18,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	13,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	148	µg/L	GE
0	Toluene	<1.0	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	100	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	21	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	6.0	µg/L	GE
1	1,1,1-Trichloroethane	5.0	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: 04/14/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 122 µS/cm
 Water evacuated before sampling: 1 gal
 The well went dry during purging.

Time: 14:40
 pH: 8.9
 Alkalinity: 18 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.1	pH	GE
1	Specific conductance	106	µS/cm	GE
0	Aluminum	48	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
1	Chloroethane	2.0	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	7.1	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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,890	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	2,750	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 14C collected on 04/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	3,100	µg/L	GE
1	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	90	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
1	Uranium	1,500	µg/L	GE
0	Zinc	14	µg/L	GF
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 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 148.56 ft (45.28 m) below TOC
 Water elevation: 218.64 ft (66.64 m) msl
 Sp. conductance: 42 µS/cm
 Water evacuated before sampling: 147 gal

Time: 11:35
 pH: 5.7
 Alkalinity: 10 mg/L
 Water temperature: 18.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	GE
0	Specific conductance	43	µS/cm	GE
0	Aluminum	26	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,200	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	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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,230	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	1,870	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	83	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<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
?	Trichloroethylene	1,980	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	65	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	GF
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 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 155.75 ft (47.47 m) below TOC
 Water elevation: 213.75 ft (65.15 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 188 gal

Time: 11:45
 pH: 5.5
 Alkalinity: 10 mg/L
 Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
2	Tetrachloroethylene	6.1	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	128	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 117.81 ft (35.91 m) below TOC
 Water elevation: 248.79 ft (75.83 m) msl
 Inaccessibility or pump failure prevented sample collection.

Time: 11:00

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 135.95 ft (41.44 m) below TOC
 Water elevation: 232.85 ft (70.97 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 3 gal
 The well went dry during purging.

Time: 15:05
 pH: 5.4
 Alkalinity: 3 mg/L
 Water temperature: 17.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<200	µg/L	MA
2	Tetrachloroethylene	2,420	µg/L	MA
0	trans-1,2-Dichloroethene	<200	µg/L	MA
2	Trichloroethylene	24,400	µg/L	MA
0	1,1-Dichloroethylene	<200	µg/L	MA
0	1,1,1-Trichloroethane	<200	µg/L	MA

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 147.85 ft (45.07 m) below TOC
 Water elevation: 218.85 ft (66.71 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 150 gal

Time: 17:15
 pH: 5.6
 Alkalinity: 1 mg/L
 Water temperature: 21.0°C

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	7,490	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 The well was dry

Time: 16:25

ANALYTICAL RESULTS

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 144.94 ft (44.18 m) below TOC
 Water elevation: 213.06 ft (64.94 m) msl
 Sp. conductance: 178 µS/cm
 Water evacuated before sampling: 172 gal

Time: 13:15
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
1	Specific conductance	172	µS/cm	GE
0	Aluminum	54	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	35	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromochloromethane	<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	4,500	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	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	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	Lead	7.9	µg/L	GE
1	Mercury	0.73	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	19,200	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	15,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	298	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total phosphates	820	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	54	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	13	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	34	µg/L	GE
1	1,1,1-Trichloroethane	22	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 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 134.36 ft (40.95 m) below TOC
 Water elevation: 223.54 ft (68.14 m) msl
 Sp. conductance: 152 µS/cm
 Water evacuated before sampling: 110 gal

Time: 13:35
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
0	pH	4.7	pH	GE
1	Specific conductance	148	µS/cm	MT
1	Specific conductance	147	µS/cm	GE
1	Aluminum	125	µg/L	MT
1	Aluminum	167	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	MT
0	Barium	15	µg/L	GE

WELL MSB 17B collected on 04/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,200	µg/L	MT
0	Chloride	4,800	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	4.6	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	5.8	µg/L	MT
0	Lead	11	µg/L	GE
0	Mercury	0.22	µg/L	MT
0	Mercury	0.26	µg/L	GE
0	Nickel	5.4	µg/L	MT
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	14,100	µg/L	MT
2	Nitrate as nitrogen	10,400	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
1	Silver	7.0	µg/L	GE
1	Sodium	19,600	µg/L	MT
1	Sodium	16,800	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	430	µg/L	MT
2	Tetrachloroethylene	416	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<1.0	µg/L	MT
1	Total phosphates	840	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	520	µg/L	MT
2	Trichloroethylene	448	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Zinc	21	µg/L	MT
0	Zinc	23	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	62	µg/L	MT
1	1,1-Dichloroethylene	69	µg/L	GE
1	1,1,1-Trichloroethane	47	µg/L	MT
1	1,1,1-Trichloroethane	43	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 134.36 ft (40.95 m) below TOC
 Water elevation: 223.54 ft (68.14 m) msl
 Sp. conductance: 152 µS/cm
 Water evacuated before sampling: 110 gal

Time: 13:35
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
1	Specific conductance	147	µS/cm	MT
1	Specific conductance	143	µS/cm	GE
1	Specific conductance	138	µS/cm	GE
1	Aluminum	119	µg/L	MT
1	Aluminum	128	µg/L	GE
1	Aluminum	142	µg/L	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	MT
0	Barium	14	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,400	µg/L	MT
0	Chloride	3,900	µg/L	GE
0	Chloride	4,000	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
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	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	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)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<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	Copper	<5.0	µg/L	MT
0	Copper	6.5	µg/L	GE
0	Copper	7.3	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	5.3	µg/L	MT
0	Lead	10	µg/L	GE
0	Lead	9.3	µg/L	GE
0	Mercury	0.20	µg/L	MT
0	Mercury	0.26	µg/L	MT

WELL MSB 17B collected on 04/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Mercury	0.50	µg/L	GE
1	Mercury	0.50	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GF
2	Nitrate as nitrogen	13,800	µg/L	MT
2	Nitrate as nitrogen	15,400	µg/L	GE
2	Nitrate as nitrogen	18,000	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	19,500	µg/L	MT
1	Sodium	15,900	µg/L	GE
1	Sodium	18,900	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	400	µg/L	MT
2	Tetrachloroethylene	509	µg/L	GE
2	Tetrachloroethylene	427	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<10	µg/L	MT
1	Total phosphates	830	µg/L	GE
1	Total phosphates	820	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	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-1,3-Dichloropropene	<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
2	Trichloroethylene	480	µg/L	MT
2	Trichloroethylene	546	µg/L	GE
2	Trichloroethylene	480	µg/L	GF
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	24	µg/L	MT
0	Zinc	12	µg/L	GE
0	Zinc	18	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	66	µg/L	MT
1	1,1-Dichloroethylene	73	µg/L	GE
1	1,1-Dichloroethylene	69	µg/L	GE
1	1,1,1-Trichloroethane	47	µg/L	MT
1	1,1,1-Trichloroethane	46	µg/L	GE
1	1,1,1-Trichloroethane	46	µg/L	GE
0	1,1,2-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	1,1,2,2-Tetrachloroethane	<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	1,2-Dichloroethane	<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-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<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

ANALYTICAL RESULTS

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 147.54 ft (44.97 m) below TOC
 Water elevation: 211.78 ft (64.55 m) msl
 Sp. conductance: 102 µS/cm
 Water evacuated before sampling: 213 gal

Time: 13:05
 pH: 5.8
 Alkalinity: 9 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
2	Tetrachloroethylene	285	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	1,280	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 The well was dry.

Time: 12:40

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 133.85 ft (40.80 m) below TOC
 Water elevation: 228.35 ft (69.99 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 34 gal

Time: 13:30
 pH: 5.0
 Alkalinity: 2 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
0	Tetrachloroethylene	< 10	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
0	Trichloroethylene	< 10	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 131.95 ft (40.22 m) below TOC
 Water elevation: 208.25 ft (63.48 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 132 gal

Time: 9:25
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 17.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Aluminum	.31	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	2,400	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	2.4	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

WELL MSB 18A collected on 04/14/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	5.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,460	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,480	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Toluene	< 1.0	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	12	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	6.0	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 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 122.86 ft (37.48 m) below TOC
 Water elevation: 217.34 ft (66.25 m) msl
 Sp. conductance: 103 µS/cm
 Water evacuated before sampling: 66 gal

Time: 9:10
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 17.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
1	Specific conductance	105	µS/cm	GE
0	Aluminum	.33	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	4,600	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	3.8	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	Lead	6.3	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
1	Sodium	12,200	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	28	µg/L	GE
0	Toluene	< 1.0	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	7.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	44	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 18B collected on 04/14/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
1	1,1,1-Trichloroethane	2.0	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 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/00
 Depth to water: 118.00 ft (35.97 m) below TOC
 Water elevation: 222.60 ft (67.85 m) msl
 Sp. conductance: 34 µS/cm
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

Time: 14:20
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	46	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,700	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	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	Lead	10	µg/L	GE
1	Mercury	0.87	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,370	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,110	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 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	Zinc	219	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 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 87.17 ft (26.57 m) below TOC
 Water elevation: 212.33 ft (64.72 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 254 gal

Time: 13:25
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Specific conductance	23	µS/cm	GE
0	Aluminum	30	µg/L	GE
0	Aluminum	29	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Barium	4.2	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	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	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	Lead	5.8	µg/L	GE
0	Lead	5.7	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,240	µg/L	GE
0	Nitrate as nitrogen	1,250	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	1,790	µg/L	GE
0	Sodium	1,840	µg/L	GE
0	Sulfate	1,300	µg/L	GE
0	Sulfate	1,300	µg/L	GE
2	Tetrachloroethylene	23	µg/L	GE
2	Tetrachloroethylene	24	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	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	100	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 19A collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Trichloroethylene	110	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	28	µg/L	GE
0	Zinc	24	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 MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 84.56 ft (25.77 m) below TOC
 Water elevation: 215.34 ft (65.64 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 190 gal

Time: 13:35
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 18.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	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-1,3-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	Lead	8.4	µg/L	GE
0	Mercury	< 0.20	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	1,550	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
1	Tetrachloroethylene	1	µg/L	GE
0	Toluene	< 1.0	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	Zinc	26	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 19B collected on 04/03/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 84.88 ft (25.78 m) below TOC
 Water elevation: 235.32 ft (71.73 m) msl
 Sp. conductance: 108 µS/cm
 Water evacuated before sampling: 97 gal

Time: 13:00
 pH: 5.2
 Alkalinity: 2 mg/L
 Water temperature: 20.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Aluminum	38	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	3,300	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-1,3-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	Lead	4.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
1	Nitrate as nitrogen	3,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
1	Selenium	2.2	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	9,000	µg/L	GE
1	Sulfate	82,000	µg/L	GE
2	Tetrachloroethylene	40	µg/L	GE
0	Toluene	< 1.0	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	144	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
1	Zinc	284	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 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: 137.95 ft (42.05 m) below TOC
 Water elevation: 218.05 ft (65.85 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 156 gal

Time: 10:20
 pH: 5.8
 Alkalinity: 1 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Specific conductance	25	µS/cm	GE

ANALYTICAL RESULTS

WELL MSB 20A collected on 05/13/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	28	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.5	µg/L	GE
0	Barium	7.8	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	1,400	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	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethane (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-1,3-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	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,220	µg/L	GE
0	Nitrate as nitrogen	1,120	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Silver	2.0	µg/L	GE
0	Sodium	1,460	µg/L	GE
0	Sodium	1,400	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	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<5.0	µg/L	GE
0	Total phosphates	<5.0	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
2	Trichloroethylene	>100	µg/L	GE
2	Trichloroethylene	>100	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	.31	µg/L	GE
0	Zinc	.29	µg/L	GE
0	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-Tetrachloroethane	<1.0	µg/L	GE

WELL MSB 20A collected on 05/13/80, 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-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 MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/80
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 270 µS/cm
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

Time: 18:15
 pH: 11.1
 Alkalinity: 95 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	540	µS/cm	GE
2	Aluminum	788	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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	Chloroethane (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	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,070	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	5,770	µg/L	GE
0	Sulfate	7,200	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<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	3.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	4.5	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-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 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: 134.15 ft (40.89 m) below TOC
 Water elevation: 219.25 ft (66.83 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 173 gal

Time: 14:40
 pH: 5.5
 Alkalinity: 1 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Aluminum	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
?	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	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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,020	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	1,740	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 phosphates	60	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	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

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: 134.96 ft (41.14 m) below TOC
 Water elevation: 220.34 ft (67.16 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 203 gal

Time: 15:10
 pH: 5.7
 Alkalinity: 2 mg/L
 Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
0	Tetrachloroethylene	<2.0	µg/L	MA
1	trans-1,2-Dichloroethene	23	µg/L	MA
2	Trichloroethylene	215	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: 126.07 ft (38.43 m) below TOC
 Water elevation: 227.33 ft (69.29 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 40 gal

Time: 15:20
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 19.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Aluminum	25	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
1	Chromium	5.2	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	7.5	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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,650	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	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	Zinc	25	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 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: 161.34 ft (49.18 m) below TOC
 Water elevation: 193.36 ft (58.94 m) msl
 Sp. conductance: 59 µS/cm
 Water evacuated before sampling: 454 gal

Time: 15:55
 pH: 6.0
 Alkalinity: 11 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	63	µS/cm	GE
0	Aluminum	69	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

ANALYTICAL RESULTS

WELL MSB 21TA collected on 05/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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-1,3-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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	12	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	1,770	µg/L	GE
0	Sulfate	8,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	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	Zinc	17	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 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90 Time: 10:40
The well was dry.

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90 Time: 13:25
The well was dry.

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90 Time: 13:05
Depth to water: 148.55 ft (45.28 m) below TOC pH: 5.0
Water elevation: 223.05 ft (67.99 m) msl Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 135 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	493	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: 04/24/90 Time: 12:50
Depth to water: 171.74 ft (52.35 m) below TOC pH: 4.7
Water elevation: 201.16 ft (61.31 m) msl Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm Water temperature: 22.5°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: 04/24/90 Time: 13:15
Depth to water: 171.74 ft (52.35 m) below TOC pH: 5.2
Water elevation: 201.16 ft (61.31 m) msl Alkalinity: 4 mg/L
Sp. conductance: 37 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 92 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
1	Tetrachloroethylene	2.0	µg/L	MA
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	41	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: 04/24/90 Time: 13:45
Depth to water: 171.74 ft (52.35 m) below TOC pH: 4.5
Water elevation: 201.16 ft (61.31 m) msl Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 183 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	3.2	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: 04/24/90 Time: 14:15
Depth to water: 171.74 ft (52.35 m) below TOC pH: 4.4
Water elevation: 201.16 ft (61.31 m) msl Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 275 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

ANALYTICAL RESULTS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: 171.74 ft (52.35 m) below TOC
 Water elevation: 201.16 ft (61.31 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 366 gal

Time: 14:45
 pH: 4.4
 Alkalinity: 0 mg/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
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	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90
 Depth to water: 173.64 ft (52.93 m) below TOC
 Water elevation: 199.26 ft (60.74 m) msl
 Sp. conductance: 30 µS/cm
 No water was evacuated before sampling.

Time: 11:05
 pH: 5.2
 Alkalinity: 0 mg/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
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	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/90
 Depth to water: 173.64 ft (52.93 m) below TOC
 Water elevation: 199.26 ft (60.74 m) msl
 Sp. conductance: 40 µS/cm
 Water evacuated before sampling: 90 gal

Time: 11:30
 pH: 5.2
 Alkalinity: 5 mg/L
 Water temperature: 21.1°C

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	32	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: 05/31/90
 Depth to water: 173.64 ft (52.93 m) below TOC
 Water elevation: 199.26 ft (60.74 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 181 gal

Time: 12:00
 pH: 4.6
 Alkalinity: 1 mg/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
2	Trichloroethylene	4.3	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: 05/31/90
 Depth to water: 173.64 ft (52.93 m) below TOC
 Water elevation: 199.26 ft (60.74 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 271 gal

Time: 12:30
 pH: 4.7
 Alkalinity: 0 mg/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
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: 05/31/90
 Depth to water: 173.64 ft (52.93 m) below TOC
 Water elevation: 199.26 ft (60.74 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 361 gal

Time: 13:00
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.9°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 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/90
 Depth to water: 174.34 ft (53.14 m) below TOC
 Water elevation: 198.56 ft (60.52 m) msl
 Sp. conductance: 34 µS/cm
 No water was evacuated before sampling.

Time: 10:55
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 23.9°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
1	Trichloroethylene	1.7	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: 06/27/90
 Depth to water: 174.34 ft (53.14 m) below TOC
 Water elevation: 198.56 ft (60.52 m) msl
 Sp. conductance: 46 µS/cm
 Water evacuated before sampling: 90 gal

Time: 11:20
 pH: 5.5
 Alkalinity: 6 mg/L
 Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 5.0	µg/L	MA
1	Tetrachloroethylene	2.6	µg/L	MA
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
2	Trichloroethylene	5.5	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/90
 Depth to water: 174.34 ft (53.14 m) below TOC
 Water elevation: 198.56 ft (60.52 m) msl
 Sp. conductance: 34 µS/cm
 Water evacuated before sampling: 180 gal

Time: 11:50
 pH: 4.7
 Alkalinity: 1 mg/L
 Water temperature: 22.1°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 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/90
 Depth to water: 174.34 ft (53.14 m) below TOC
 Water elevation: 198.56 ft (60.52 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 270 gal

Time: 12:20
 pH: 4.6
 Alkalinity: 0 mg/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 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/90
 Depth to water: 174.34 ft (53.14 m) below TOC
 Water elevation: 198.56 ft (60.52 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 360 gal

Time: 12:50
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 21.7°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 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 143.25 ft (43.66 m) below TOC
 Water elevation: 236.95 ft (72.22 m) msl
 Sp. conductance: 110 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging

Time: 15:15
 pH: 9.5
 Alkalinity: 26 mg/L
 Water temperature: 22.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 200	µg/L	MA
2	Tetrachloroethylene	2,420	µg/L	MA
0	trans-1,2-Dichloroethene	< 200	µg/L	MA
2	Trichloroethylene	14,600	µg/L	MA
0	1,1-Dichloroethylene	< 200	µg/L	MA
0	1,1,1-Trichloroethane	< 200	µg/L	MA

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 155.94 ft (47.53 m) below TOC
 Water elevation: 225.68 ft (68.78 m) msl
 Sp. conductance: 70 µS/cm
 Water evacuated before sampling: 148 gal

Time: 13:35
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 500	µg/L	MA
2	Tetrachloroethylene	13,200	µg/L	MA
0	trans-1,2-Dichloroethene	< 500	µg/L	MA
2	Trichloroethylene	38,800	µg/L	MA
0	1,1-Dichloroethylene	< 500	µg/L	MA
0	1,1,1-Trichloroethane	< 500	µg/L	MA

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 The well was dry.

Time: 12:00

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/90
 Depth to water: 150.15 ft (45.77 m) below TOC
 Water elevation: 216.25 ft (65.91 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 147 gal

Time: 12:25
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 50	µg/L	MA
0	Tetrachloroethylene	< 50	µg/L	MA
0	trans-1,2-Dichloroethene	< 50	µg/L	MA
2	Trichloroethylene	2,370	µg/L	MA
0	1,1-Dichloroethylene	< 50	µg/L	MA
0	1,1,1-Trichloroethane	< 50	µg/L	MA

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 12 gal

Time: 10:10
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 17.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 50	µg/L	MA
2	Tetrachloroethylene	4,160	µg/L	MA
0	trans-1,2-Dichloroethene	< 50	µg/L	MA
2	Trichloroethylene	12,300	µg/L	MA
0	1,1-Dichloroethylene	< 50	µg/L	MA
0	1,1,1-Trichloroethane	< 50	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: 139.44 ft (42.50 m) below TOC
 Water elevation: 221.46 ft (67.50 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 136 gal

Time: 10:25
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 17.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	51	µg/L	MA
2	Trichloroethylene	53	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	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: 146.35 ft (44.61 m) below TOC
 Water elevation: 216.85 ft (66.10 m) msl
 Sp. conductance: 35 µS/cm
 Water evacuated before sampling: 223 gal

Time: 10:30
 pH: 5.9
 Alkalinity: 10 mg/L
 Water temperature: 18.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 2.0	µg/L	MA
0	Chloroform	< 2.0	µg/L	MA
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	273	µg/L	MA
2	Trichloroethylene	273	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	< 2.0	µg/L	MA
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 136.25 ft (41.53 m) below TOC
 Water elevation: 239.25 ft (72.92 m) msl
 Sp. conductance: 54 µS/cm
 Water evacuated before sampling: 14 gal

Time: 15:00
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 21.8°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
2	Trichloroethylene	4.2	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: 04/27/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 36 gal

Time: 15:05
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1,250	µg/L	MA
2	Tetrachloroethylene	11,800	µg/L	MA
0	trans-1,2-Dichloroethene	< 1,250	µg/L	MA
2	Trichloroethylene	59,200	µg/L	MA
0	1,1-Dichloroethylene	< 1,250	µg/L	MA
0	1,1,1-Trichloroethane	< 1,250	µg/L	MA

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 151.27 ft (46.11 m) below TOC
 Water elevation: 225.53 ft (68.74 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 159 gal

Time: 14:10
 pH: 4.6
 Alkalinity: 1 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 2.0	µg/L	MA
0	Tetrachloroethylene	< 2.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 2.0	µg/L	MA
2	Trichloroethylene	65	µg/L	MA
0	1,1-Dichloroethylene	< 2.0	µg/L	MA
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 174.53 ft (53.20 m) below TOC
 Water elevation: 202.07 ft (61.59 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 394 gal

Time: 14:50
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

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

ANALYTICAL RESULTS

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: 125.61 ft (38.29 m) below TOC
 Water elevation: 228.79 ft (69.74 m) msl
 Sp. conductance: 82 µS/cm
 Water evacuated before sampling: 47 gal

Time: 10:55
 pH: 6.8
 Alkalinity: 25 mg/L
 Water temperature: 17.5°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 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: 132.96 ft (40.53 m) below TOC
 Water elevation: 221.24 ft (67.43 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 178 gal

Time: 11:15
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 17.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 50	µg/L	MA
0	Tetrachloroethylene	< 50	µg/L	MA
0	trans-1,2-Dichloroethene	< 50	µg/L	MA
2	Trichloroethylene	4,000	µg/L	MA
0	1,1-Dichloroethylene	< 50	µg/L	MA
0	1,1,1-Trichloroethane	< 50	µg/L	MA

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 143.35 ft (43.69 m) below TOC
 Water elevation: 222.65 ft (67.80 m) msl
 Sp. conductance: 56 µS/cm
 Water evacuated before sampling: 258 gal

Time: 18:30
 pH: 5.8
 Alkalinity: 14 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.7	pH	GE
1	pH	6.7	pH	GE
0	Specific conductance	56	µS/cm	GE
0	Specific conductance	57	µS/cm	GE
0	Aluminum	35	µg/L	GE
0	Aluminum	28	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Barium	26	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 1.0	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 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 chloride)	< 1.0	µg/L	GE
0	Bromomethane (Methyl chloride)	< 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	1460	µg/L	GE
0	Chloride	1460	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE

WELL MSB 29A collected on 04/27/90, 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	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-1,3-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	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	Lead	6.0	µg/L	GE
0	Lead	7.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	4.6	µg/L	GE
0	Nickel	4.0	µg/L	GE
0	Nitrate as nitrogen	640	µg/L	GE
0	Nitrate as nitrogen	650	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	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	1,810	µg/L	GE
0	Sodium	1,870	µg/L	GE
0	Sulfate	4,500	µg/L	GE
0	Sulfate	4,800	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 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	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	15	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-Dichloropropene	< 1.0	µg/L	GE
0	1,2-Dichloropropene	< 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	Total radium	1.3 ± 3.2	pCi/L	GE
0	Total radium	1.6 ± 3.3	pCi/L	GE

ANALYTICAL RESULTS

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 140.07 ft (42.69 m) below TOC
 Water elevation: 225.13 ft (68.62 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 201 gal

Time: 17:50
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	MT
1	pH	6.7	pH	GE
0	Specific conductance	26	µS/cm	MT
0	Specific conductance	28	µS/cm	GE
0	Aluminum	41	µg/L	MT
0	Aluminum	54	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	6.7	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,000	µg/L	MT
0	Chloride	2,300	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nickel	6.7	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	MT
0	Nitrate as nitrogen	1,500	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	MT
0	Sodium	2,430	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	2,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE

WELL MSB 29B collected on 04/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<5.0	µg/L	MT
0	Vanadium	<10	µg/L	GE
0	Zinc	<10	µg/L	MT
0	Zinc	7.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Total radium	1 ± 0.30	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 140.07 ft (42.69 m) below TOC
 Water elevation: 225.13 ft (68.62 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 201 gal

Time: 17:50
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	pH	4.7	pH	GE
0	Specific conductance	26	µS/cm	MT
0	Specific conductance	28	µS/cm	GE
0	Aluminum	48	µg/L	MT
0	Aluminum	48	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	6.4	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	MT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,000	µg/L	MT
0	Chloride	2,000	µg/L	MT
0	Chloride	2,300	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<20	µg/L	MT
0	Cobalt	<4.0	µg/L	GE

ANALYTICAL RESULTS

WELL. MSB 29B collected on 04/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Copper	14	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	15	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 5.2	µg/L	MT
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,300	µg/L	MT
0	Nitrate as nitrogen	1,200	µg/L	MT
0	Nitrate as nitrogen	1,480	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,290	µg/L	MT
0	Sodium	2,180	µg/L	GE
0	Sulfate	1,000	µg/L	MT
0	Sulfate	1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 5.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 119	µg/L	MT
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 5.0	µg/L	MT
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 10	µg/L	MT
0	Zinc	8.1	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Total radium	< 1.0	pCi/L	MT
1	Total radium	3.9 ± 3.9	pCi/L	GE

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 133.73 ft (40.76 m) below TOC
 Water elevation: 231.47 ft (70.55 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 145 gal

Time: 18:20
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.3	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Aluminum	33	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE

WELL. MSB 29C collected on 04/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	8.5	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	1,800	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-1,3-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	Lead	7.1	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,490	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	2,290	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 phosphates	< 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
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	16	µg/L	GE
0	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	Total radium	2.7 ± 2.4	pCi/L	GE

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 131.88 ft (40.20 m) below TOC
 Water elevation: 233.22 ft (71.09 m) msl
 Sp. conductance: 34 µS/cm
 Water evacuated before sampling: 63 gal

Time: 18:45
 pH: 3.9
 Alkalinity: 0 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	33	µS/cm	GE
0	Aluminum	53	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	7.2	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	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	2,300	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-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	7.6	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 29D collected on 04/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	GF
0	Lead	9.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,580	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,200	µg/L	GE
0	Sulfate	1,800	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	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	4.1	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
2	Total radium	7.6 ± 3.3	pCi/L	GE

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 152.35 ft (46.44 m) below TOC
 Water elevation: 212.85 ft (64.88 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 397 gal

Time: 17:10
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	46	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	< 1.0	µg/L	GE
0	Bromochloromethane	< 1.0	µg/L	GE
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	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	Lead	6.7	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	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	1,710	µg/L	GE
0	Sulfate	5,600	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	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 29TA collected on 04/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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	Total radium	< 1.0	pCi/L	GE

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: 158.39 ft (48.28 m) below TOC
 Water elevation: 196.21 ft (59.81 m) msl
 Sp. conductance: 63 µS/cm
 Water evacuated before sampling: 441 gal

Time: 13:00
 pH: 5.9
 Alkalinity: 19 mg/L
 Water temperature: 17.0°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 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/90
 Depth to water: 130.34 ft (39.73 m) below TOC
 Water elevation: 222.26 ft (67.75 m) msl
 Sp. conductance: 74 µS/cm
 Water evacuated before sampling: 68 gal
 The well went dry during purging.

Time: 12:05
 pH: 5.9
 Alkalinity: 12 mg/L
 Water temperature: 17.5°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 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: 129.71 ft (39.54 m) below TOC
 Water elevation: 223.39 ft (68.09 m) msl
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 258 gal

Time: 15:05
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 17.4°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

ANALYTICAL RESULTS

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: 125.17 ft (38.15 m) below TOC
 Water elevation: 229.73 ft (70.02 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 40 gal

Time: 12:40
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 17.4°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 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/90
 Depth to water: 130.48 ft (39.77 m) below TOC
 Water elevation: 223.22 ft (68.04 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 165 gal

Time: 12:35
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 17.8°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
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 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 151.77 ft (46.26 m) below TOC
 Water elevation: 195.43 ft (59.57 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 477 gal

Time: 17:30
 pH: 5.2
 Alkalinity: 0 mg/L
 Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	19	µS/cm	GE
1	Aluminum	104	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	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	Copper	8.5	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	Lead	4.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE

WELL MSB 31A collected on 05/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sodium	2,340	µg/L	GE
0	Sulfate	4,900	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	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	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

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 134.45 ft (40.98 m) below TOC
 Water elevation: 213.05 ft (64.94 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 158 gal

Time: 16:45
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	pH	5.0	pH	GE
0	Specific conductance	27	µS/cm	MT
0	Specific conductance	25	µS/cm	GE
0	Aluminum	< 40	µg/L	MT
0	Aluminum	39	µg/L	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 10	µg/L	MT
0	Barium	5.3	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,100	µg/L	MT
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Copper	< 5.0	µg/L	MT
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	MT
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	4.5	µg/L	MT
0	Lead	5.4	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 5.2	µg/L	MT

ANALYTICAL RESULTS

WELL MSB 31B collected on 05/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	MT
0	Nitrate as nitrogen	1,150	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	1,770	µg/L	MT
0	Sodium	2,100	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	24	µg/L	MT
2	Tetrachloroethylene	38	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	13	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	320	µg/L	MT
2	Trichloroethylene	281	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	17	µg/L	MT
0	Zinc	81	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 134.45 ft (40.98 m) below TOC
 Water elevation: 213.05 ft (64.94 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 158 gal

Time: 16:45
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	MT
0	pH	5.0	pH	GE
0	Specific conductance	27	µS/cm	MT
0	Specific conductance	28	µS/cm	GE
0	Aluminum	<40	µg/L	MT
0	Aluminum	39	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	<10	µg/L	MT
0	Barium	4.9	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,100	µg/L	MT
0	Chloride	1,900	µg/L	GE

WELL MSB 31B collected on 05/06/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	<5.0	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	MT
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	4.3	µg/L	MT
0	Lead	13	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nickel	<5.2	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,300	µg/L	MT
0	Nitrate as nitrogen	1,170	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	MT
0	Sodium	1,910	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	2,200	µg/L	GE
2	Tetrachloroethylene	24	µg/L	MT
2	Tetrachloroethylene	26	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<10	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	370	µg/L	MT
2	Trichloroethylene	255	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<119	µg/L	MT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	17	µg/L	MT
0	Zinc	35	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 114.16 ft (34.80 m) below TOC
 Water elevation: 233.14 ft (71.06 m) msl
 Sp. conductance: 114 µS/cm
 Water evacuated before sampling: 51 gal

Time: 17:45
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
1	Specific conductance	113	µS/cm	GE
0	Aluminum	43	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	31	µg/L	GE
0	Benzene	<100	µg/L	GE
0	Bromodichloromethane	<100	µg/L	GE
0	Bromofom	<100	µg/L	GE
0	Bromomethane (Methyl bromide)	<100	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<100	µg/L	GE
0	Chloride	5,200	µg/L	GE
0	Chlorobenzene	<100	µg/L	GE
0	Chloroethane	<100	µg/L	GE
0	Chloroethane (Vinyl chloride)	<100	µg/L	GE
0	Chloroform	<100	µg/L	GE
0	Chloromethane (Methyl chloride)	<100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<100	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<100	µg/L	GE
0	Dichloromethane (Methylene chloride)	<100	µg/L	GE
0	Ethylbenzene	<100	µg/L	GE
0	Lead	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	6,540	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	11,700	µg/L	GE
1	Sulfate	13,400	µg/L	GE
2	Tetrachloroethylene	99,500	µg/L	GE
0	Toluene	<100	µg/L	GE
0	Total phosphates	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<100	µg/L	GE
0	trans-1,2-Dichloropropene	<100	µg/L	GE
2	Trichloroethylene	49,500	µg/L	GE
0	Trichlorofluoromethane	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	30	µg/L	GE
0	1,1-Dichloroethane	<100	µg/L	GE
0	1,1-Dichloroethylene	<100	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	GE
0	1,1,2-Trichloroethane	<100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<100	µg/L	GE
0	1,2-Dichloroethane	<100	µg/L	GE
0	1,2-Dichloropropane	<100	µg/L	GE
0	2-Chloroethyl vinyl ether	<100	µg/L	GE

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90
 Depth to water: 134.82 ft (41.09 m) below TOC
 Water elevation: 213.98 ft (65.22 m) msl
 Sp. conductance: 62 µS/cm
 Water evacuated before sampling: 97 gal

Time: 17:35
 pH: 5.5
 Alkalinity: 11 mg/L
 Water temperature: 19.7°C

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	205	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 30.91 ft (9.42 m) below TOC
 Water elevation: 224.39 ft (68.30 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 69 gal

Time: 14:15
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 19.3°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 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 37.59 ft (11.46 m) below TOC
 Water elevation: 219.01 ft (66.76 m) msl
 Sp. conductance: 50 µS/cm
 Water evacuated before sampling: 25 gal

Time: 16:00
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
2	Tetrachloroethylene	7.8	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	11	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 52.58 ft (16.03 m) below TOC
 Water elevation: 202.82 ft (61.82 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 308 gal

Time: 15:05
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 19.3°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
2	Trichloroethylene	11	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90
 Depth to water: 47.38 ft (14.44 m) below TOC
 Water elevation: 207.82 ft (63.34 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 222 gal

Time: 15:40
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
2	Tetrachloroethylene	25	µg/L	MA
1	trans-1,2-Dichloroethene	7.0	µg/L	MA
2	Trichloroethylene	15	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 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90 Time: 15:50
 Depth to water: 45.97 ft (14.01 m) below TOC pH: 4.5
 Water elevation: 209.33 ft (63.80 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 39 µS/cm Water temperature: 18.3°C
 Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
2	Tetrachloroethylene	9.7	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	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 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/90 Time: 16:05
 Depth to water: 63.07 ft (19.22 m) below TOC pH: 4.5
 Water elevation: 192.43 ft (58.65 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 23 µS/cm Water temperature: 18.7°C
 Water evacuated before sampling: 454 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: 05/05/90 Time: 13:05
 Depth to water: 165.02 ft (50.30 m) below TOC pH: 5.1
 Water elevation: 219.18 ft (66.50 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 25 µS/cm Water temperature: 20.9°C
 Water evacuated before sampling: 273 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 20	µg/L	MA
2	Tetrachloroethylene	93	µg/L	MA
0	trans-1,2-Dichloroethene	< 20	µg/L	MA
2	Trichloroethylene	1,830	µg/L	MA
0	1,1-Dichloroethylene	< 20	µg/L	MA
0	1,1,1-Trichloroethane	< 20	µg/L	MA

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90 Time: 13:25
 Depth to water: 156.55 ft (47.72 m) below TOC pH: 5.1
 Water elevation: 226.55 ft (69.05 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 30 µS/cm Water temperature: 20.4°C
 Water evacuated before sampling: 129 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
2	Tetrachloroethylene	633	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	738	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90 Time: 13:45
 Depth to water: Not available pH: 4.9
 Water elevation: Not available Alkalinity: 0 mg/L
 Sp. conductance: 28 µS/cm Water temperature: 20.9°C
 Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
2	Tetrachloroethylene	18	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	99	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90 Time: 13:30
 Depth to water: 179.83 ft (54.81 m) below TOC pH: 6.0
 Water elevation: 202.67 ft (61.77 m) msl Alkalinity: 5 mg/L
 Sp. conductance: 27 µS/cm Water temperature: 19.9°C
 Water evacuated before sampling: 822 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: 05/05/90 Time: 12:10
 Depth to water: 179.94 ft (54.85 m) below TOC pH: 5.5
 Water elevation: 202.86 ft (61.83 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 34 µS/cm Water temperature: 20.6°C
 Water evacuated before sampling: 356 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: 04/15/90 Time: 12:25
 Depth to water: 134.85 ft (41.10 m) below TOC pH: 4.4
 Water elevation: 216.25 ft (65.91 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 29 µS/cm Water temperature: 20.0°C
 Water evacuated before sampling: 251 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 35A collected on 04/15/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
1	Trichloroethylene	2.3	µg/L	MT
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	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Total activity	0.78 ± 1.5	pCi/mL	EM

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 134.85 ft (41.10 m) below TOC
 Water elevation: 216.25 ft (65.81 m) msl
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 251 gal

Time: 12:25
 pH: 4.4
 Alkalinity: 0 mg/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 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 132.14 ft (40.28 m) below TOC
 Water elevation: 219.66 ft (66.95 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 164 gal

Time: 12:55
 pH: 4.9
 Alkalinity: 3 mg/L
 Water temperature: 19.9°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 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 The well was dry.

Time: 11:50

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 150.07 ft (45.74 m) below TOC
 Water elevation: 200.33 ft (61.06 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 455 gal

Time: 12:50
 pH: 4.3
 Alkalinity: 0 mg/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 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 131.45 ft (40.07 m) below TOC
 Water elevation: 209.15 ft (63.75 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 305 gal

Time: 17:50
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Aluminum	38	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	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	Copper	5.5	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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.7	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
1	Silver	4.9	µg/L	GE
0	Sodium	1,830	µg/L	GE
0	Sulfate	7,600	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<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
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	19	µg/L	GE
0	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 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 128.36 ft (39.12 m) below TOC
 Water elevation: 212.34 ft (64.72 m) msl
 Sp. conductance: 200 µS/cm
 Water evacuated before sampling: 160 gal

Time: 17:10
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
1	Specific conductance	210	µS/cm	GE
1	Aluminum	96	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	54	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 36B collected on 05/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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
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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	24,400	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	15,400	µg/L	GE
0	Sulfate	1,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	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	1,980	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	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
1	1,1,2-Trichloroethane	2.0	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 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 127.55 ft (38.88 m) below TOC
 Water elevation: 213.25 ft (65.00 m) msl
 Sp. conductance: 26 µS/cm
 Water evacuated before sampling: 82 gal

Time: 17:25
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 19.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Aluminum	37	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,490	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	2,120	µg/L	GE

WELL MSB 36C collected on 05/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	9.0	µg/L	GE
0	Toluene	<1.0	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	85	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	8.2	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 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 The well was dry.

Time: 17:35

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 146.84 ft (44.76 m) below TOC
 Water elevation: 193.76 ft (59.06 m) msl
 Sp. conductance: 24 µS/cm
 Water evacuated before sampling: 398 gal

Time: 16:35
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Aluminum	22	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	Copper	5.8	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	Lead	9.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,810	µg/L	GE
0	Sulfate	3,900	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	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	Zinc	7.5	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 36TA collected on 05/12/90, 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	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/90 Time: 8:10
 Depth to water: 175.84 ft (53.54 m) below TOC pH: 7.7
 Water elevation: 207.48 ft (63.23 m) msl Alkalinity: 33 mg/L
 Sp. conductance: 93 µS/cm Water temperature: 18.8°C
 Water evacuated before sampling: 81 gal
 The well went dry during purging.

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
0	Tetrachloroethylene	< 10	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	48	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90 Time: 10:05
 Depth to water: 163.13 ft (49.72 m) below TOC pH: 5.8
 Water elevation: 219.67 ft (66.98 m) msl Alkalinity: 2 mg/L
 Sp. conductance: 27 µS/cm Water temperature: 20.4°C
 Water evacuated before sampling: 264 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 2.0	µg/L	MA
2	Tetrachloroethylene	6.2	µg/L	MA
0	trans-1,2-Dichloroethene	< 2.0	µg/L	MA
2	Trichloroethylene	310	µg/L	MA
0	1,1-Dichloroethylene	< 2.0	µg/L	MA
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90 Time: 10:40
 Depth to water: 153.85 ft (46.89 m) below TOC pH: 6.1
 Water elevation: 229.25 ft (69.88 m) msl Alkalinity: 3 mg/L
 Sp. conductance: 31 µS/cm Water temperature: 20.0°C
 Water evacuated before sampling: 133 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 5.0	µg/L	MA
2	Tetrachloroethylene	11	µg/L	MA
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
2	Trichloroethylene	7.5	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90 Time: 9:25
 Inaccessibility or pump failure prevented sample collection.

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/90 Time: 10:45
 Depth to water: 174.84 ft (53.32 m) below TOC pH: 5.8
 Water elevation: 207.48 ft (63.23 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 28 µS/cm Water temperature: 18.8°C
 Water evacuated before sampling: 480 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
2	Tetrachloroethylene	88	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	1,800	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90 Time: 17:05
 Depth to water: 144.37 ft (44.00 m) below TOC pH: 6.1
 Water elevation: 212.23 ft (64.69 m) msl Alkalinity: 17 mg/L
 Sp. conductance: 82 µS/cm Water temperature: 20.8°C
 Water evacuated before sampling: 191 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 5.0	µg/L	MA
2	Tetrachloroethylene	806	µg/L	MA
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
2	Trichloroethylene	934	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90 Time: 16:40
 Depth to water: 141.25 ft (43.05 m) below TOC pH: 5.7
 Water elevation: 215.05 ft (65.55 m) msl Alkalinity: 9 mg/L
 Sp. conductance: 79 µS/cm Water temperature: 20.7°C
 Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 5.0	µg/L	MA
2	Tetrachloroethylene	184	µg/L	MA
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
2	Trichloroethylene	409	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90 Time: 16:10
 The well was dry.

ANALYTICAL RESULTS

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 180.94 ft (49.08 m) below TOC
 Water elevation: 195.76 ft (59.87 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 517 gal

Time: 17:30
 pH: 4.3
 Alkalinity: 0 mg/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 MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 133.75' (40.77 m) below TOC
 Water elevation: 207.85 ft (63.35 m) msl
 Sp. conductance: 62 µS/cm
 Water evacuated before sampling: 68 gal
 The well went dry during purging.

Time: 14:20
 pH: 5.9
 Alkalinity: 11 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	36	µS/cm	GE
0	Aluminum	39	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
2	Cadmium	11	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-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Copper	6.5	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
1	Lead	0.49	µg/L	GE
0	Nickel	6.5	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,660	µg/L	GE
0	Sulfate	5,300	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
1	Total phosphates	1,290	µg/L	GF
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	GF
0	Zinc	133	µg/L	GF
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	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 131.05 ft (39.94 m) below TOC
 Water elevation: 210.75 ft (64.24 m) msl
 Sp. conductance: 189 µS/cm
 Water evacuated before sampling: 192 gal

Time: 12:25
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
1	Specific conductance	184	µS/cm	GE
1	Aluminum	90	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	39	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	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
0	Chromium	< 4.0	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	Lead	< 3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
2	Nitrate as nitrogen	24,100	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
1	Silver	4.2	µg/L	GE
1	Sodium	19,700	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	191	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
1	Total phosphates	870	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	194	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	11	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
1	1,1-Dichloroethylene	27	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-Dichloropropene	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90
 Depth to water: 127.36 ft (38.82 m) below TOC
 Water elevation: 214.14 ft (65.27 m) msl
 Sp. conductance: 48 µS/cm
 Water evacuated before sampling: 72 gal

Time: 11:45
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
1	Specific conductance	49	µS/cm	GE
1	Aluminum	114	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

ANALYTICAL RESULTS

WELL MSB 39C collected on 04/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	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
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	3,980	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silver	8.3	µg/L	GE
0	Sodium	3,170	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	11	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total phosphates	810	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	Zinc	2.3	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

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90

Depth to water: 111.37 ft (33.89 m) below TOC

Water elevation: 230.53 ft (70.27 m) msl

Sp. conductance: 36 µS/cm

Water evacuated before sampling: 44 gal

Time: 11:15

pH: 4.8

Alkalinity: 0 mg/L

Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	33	µS/cm	GE
0	Aluminum	39	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
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-1,3-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	Lead	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,830	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silver	4.2	µg/L	GE
0	Sodium	1,770	µg/L	GE

WELL MSB 39D collected on 04/01/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total phosphates	860	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	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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/90

Depth to water: 150.34 ft (45.82 m) below TOC

Water elevation: 191.48 ft (58.36 m) msl

Sp. conductance: 21 µS/cm

Water evacuated before sampling: 422 gal

Time: 12:00

pH: 4.5

Alkalinity: 0 mg/L

Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	41	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-1,3-Dichloropropene	<1.0	µg/L	GE
0	Copper	5.9	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	Lead	<3.0	µg/L	GE
0	Mercury	0.38	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	1,240	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total phosphates	720	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	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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: 119.96 ft (36.56 m) below TOC
 Water elevation: 201.24 ft (61.34 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 255 gal

Time: 12:50
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	50	µS/cm	GE
1	Aluminum	88	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,600	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	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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.1	µg/L	GE
0	Nitrate as nitrogen	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silver	2.1	µg/L	GF
0	Sodium	2,200	µg/L	GF
1	Sulfate	25,200	µg/L	GF
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GF
0	Trichloroethylene	<1.0	µg/L	GF
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	27	µg/L	GF
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	GF
0	1,1,2-Trichloroethane	<1.0	µg/L	GF
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GF
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	GF

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: 119.05 ft (36.29 m) below TOC
 Water elevation: 202.65 ft (61.77 m) msl
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 158 gal

Time: 13:25
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GF
0	Specific conductance	27	µS/cm	GF
0	Aluminum	51	µg/L	GF
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

WELL MSB 40B collected on 05/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Copper	9.8	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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	950	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,850	µg/L	GE
0	Sulfate	2,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<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
?	Trichloroethylene	810	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	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

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 52 µS/cm
 Water evacuated before sampling: 40 gal

Time: 13:45
 pH: 5.4
 Alkalinity: 2 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	49	µS/cm	GF
1	Aluminum	135	µg/L	GF
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	GF
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GF
0	Chloride	1,800	µg/L	GF
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	GF
0	cis-1,3-Dichloropropene	<1.0	µg/L	GF
0	Copper	7.3	µg/L	GE
0	Cyanide	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GF
1	Dichloromethane (Methylene chloride)	2.0	µg/L	GF
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	400	µg/L	GF
0	Phenols	<5.0	µg/L	GF
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GF
0	Sodium	2,340	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 40C collected on 05/13/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sulfate	9,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total phosphates	600	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	Zinc	??	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 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90 Time: 18:10
The well was dry.

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90 Time: 13:00
Depth to water: 132.74 ft (40.46 m) below TOC pH: 5.6
Water elevation: 188.06 ft (57.32 m) msl Alkalinity: 4 mg/L
Sp. conductance: 30 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 450 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromofom	<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-1,3-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	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	13	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	1,630	µg/L	GE
0	Sulfate	2,600	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates	<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
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1.000	µg/L	GE
0	Zinc	7.5	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE

WELL MSB 40TA collected on 05/13/90, 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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 11:55
Depth to water: 107.96 ft (32.91 m) below TOC pH: 5.2
Water elevation: 215.84 ft (65.79 m) msl Alkalinity: 5 mg/L
Sp. conductance: 36 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 361 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
1	Tetrachloroethylene	1.6	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: 04/21/90 Time: 12:35
Depth to water: 108.77 ft (33.15 m) below TOC pH: 4.5
Water elevation: 215.23 ft (65.60 m) msl Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 280 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
2	Tetrachloroethylene	9.7	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
1	Trichloroethylene	2.1	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 13:05
Depth to water: 107.84 ft (32.87 m) below TOC pH: 4.2
Water elevation: 216.76 ft (66.07 m) msl Alkalinity: 0 mg/L
Sp. conductance: 21 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 190 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 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 11:10
The well was dry.

ANALYTICAL RESULTS

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 12:55
 Depth to water: 118.15 ft (36.01 m) below TOC pH: 4.3
 Water elevation: 205.55 ft (62.65 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 24 µS/cm Water temperature: 22.7°C
 Water evacuated before sampling: 499 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 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90 Time: 12:05
 Depth to water: 156.94 ft (47.84 m) below TOC pH: 4.4
 Water elevation: 219.66 ft (66.95 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 29 µS/cm Water temperature: 20.9°C
 Water evacuated before sampling: 268 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
2	Tetrachloroethylene	203	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	1,070	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90 Time: 12:55
 Depth to water: 149.87 ft (45.68 m) below TOC pH: 4.1
 Water elevation: 226.63 ft (69.08 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 27 µS/cm Water temperature: 21.4°C
 Water evacuated before sampling: 197 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	154	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90 Time: 12:25
 Depth to water: 143.95 ft (43.88 m) below TOC pH: 4.6
 Water elevation: 232.55 ft (70.88 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 27 µS/cm Water temperature: 20.6°C
 Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 5.0	µg/L	MA
1	Tetrachloroethylene	3.1	µg/L	MA
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
2	Trichloroethylene	13	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90 Time: 11:25
 The well was dry.

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90 Time: 12:50
 Depth to water: 188.96 ft (51.80 m) below TOC pH: 4.3
 Water elevation: 206.74 ft (63.02 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 31 µS/cm Water temperature: 21.1°C
 Water evacuated before sampling: 455 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
1	Tetrachloroethylene	3.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	5.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 16:00
 Depth to water: 128.16 ft (39.06 m) below TOC pH: 4.5
 Water elevation: 229.74 ft (70.03 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 23 µS/cm Water temperature: 20.9°C
 Water evacuated before sampling: 243 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	21	µS/cm	GE
0	Aluminum	35	µg/L	GE
0	Aluminum	42	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	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	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	1,200	µg/L	GE
0	Chloride	1,200	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethane (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-1,3-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

ANALYTICAL RESULTS

WELL MSB 43A collected on 04/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	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	Lead	4.6	µg/L	GE
0	Lead	4.5	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Mercury	0.28	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	1,120	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	1,530	µg/L	GE
0	Sodium	1,550	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	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	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	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	11	µg/L	GE
0	Zinc	13	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-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	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90
 Depth to water: 127.75 ft (38.94 m) below TOC
 Water elevation: 230.25 ft (70.18 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 154 gal

Time: 16:30
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Aluminum	34	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

WELL MSB 43B collected on 04/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	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-1,3-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	Lead	4.7	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,310	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	2,140	µg/L	GE
0	Sulfate	1,800	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	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	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
1	Total radium	3.0 ± 3.8	pCi/L	GE

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90
 Depth to water: 120.37 ft (38.52 m) below TOC
 Water elevation: 231.13 ft (70.45 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 78 gal

Time: 16:55
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	23	µS/cm	GE
1	Aluminum	89	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	1,900	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	3.4	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.1	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

ANALYTICAL RESULTS

WELL MSB 43D collected on 04/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	15	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	990	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,780	µg/L	GE
0	Sulfate	2,200	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	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	7.6	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	Total radium	< 1.0	pCi/L	GE

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90
 Depth to water: 154.64 ft (47.13 m) below TOC
 Water elevation: 202.96 ft (61.86 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 454 gal

Time: 16:35
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	27	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	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
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	3.2	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	4.4	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	20	µg/L	GE
0	Mercury	0.28	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	1,480	µg/L	GE
0	Sulfate	4,100	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	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

WELL MSB 43TA collected on 04/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Zinc	8.2	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	Total radium	< 1.0	pCi/L	GE

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: 158.84 ft (48.42 m) below TOC
 Water elevation: 218.06 ft (66.47 m) msl
 Sp. conductance: 24 µS/cm
 Water evacuated before sampling: 255 gal

Time: 18:05
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.1°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
2	Trichloroethylene	7.5	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: 04/22/90
 Depth to water: 151.75 ft (46.25 m) below TOC
 Water elevation: 225.35 ft (68.69 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 139 gal

Time: 17:50
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 20.7°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 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 Depth to water: 143.89 ft (43.86 m) below TOC
 Water elevation: 234.01 ft (71.33 m) msl
 Sp. conductance: 159 µS/cm
 Water evacuated before sampling: 2 gal

Time: 11:05
 pH: 6.3
 Alkalinity: 88 mg/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
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 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/90
 Depth to water: 184.44 ft (50.12 m) below TOC
 Water elevation: 218.88 ft (66.04 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 234 gal

Time: 18:55
 pH: 4.9
 Alkalinity: 3 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
2	Tetrachloroethylene	218	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	1,040	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 155.45 ft (47.38 m) below TOC
 Water elevation: 225.85 ft (68.78 m) msl
 Sp. conductance: 40 µS/cm
 Water evacuated before sampling: 127 gal

Time: 15:35
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 20.9°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 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 The well was dry.

Time: 15:15

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/90
 Depth to water: 158.35 ft (47.66 m) below TOC
 Water elevation: 216.35 ft (65.94 m) msl
 Sp. conductance: 117 µS/cm
 Water evacuated before sampling: 54 gal
 The well went dry during purging

Time: 10:55
 pH: 9.7
 Alkalinity: 38 mg/L
 Water temperature: 21.4°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 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 41 µS/cm
 Water evacuated before sampling: 100 gal

Time: 17:20
 pH: 6.0
 Alkalinity: 3 mg/L
 Water temperature: 21.5°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 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/90
 The well was dry.

Time: 10:35

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 141.85 ft (43.18 m) below TOC
 Water elevation: 227.35 ft (69.30 m) msl
 Sp. conductance: 111 µS/cm
 Water evacuated before sampling: 175 gal

Time: 13:50
 pH: 5.9
 Alkalinity: 28 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
1	Chloroform	3.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 25	µg/L	MA
1	Tetrachloroethylene	2.8	µg/L	MT
2	Tetrachloroethylene	9.0	µg/L	GE
0	Tetrachloroethylene	< 25	µg/L	MA
0	trans-1,2-Dichloroethene	< 25	µg/L	MA
2	Trichloroethylene	2,900	µg/L	MT
2	Trichloroethylene	1,370	µg/L	GE
2	Trichloroethylene	2,210	µg/L	MA
0	1,1-Dichloroethylene	< 25	µg/L	MA
0	1,1,1-Trichloroethane	0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 25	µg/L	MA
1	Total activity	5.9 ± 1.8	pCi/mL	EM

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 141.85 ft (43.18 m) below TOC
 Water elevation: 227.35 ft (69.30 m) msl
 Sp. conductance: 111 µS/cm
 Water evacuated before sampling: 175 gal

Time: 13:50
 pH: 5.9
 Alkalinity: 28 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 25	µg/L	MA
0	Tetrachloroethylene	< 25	µg/L	MA
0	trans-1,2-Dichloroethene	< 25	µg/L	MA
2	Trichloroethylene	2,130	µg/L	MA
0	1,1-Dichloroethylene	< 25	µg/L	MA
0	1,1,1-Trichloroethane	< 25	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90
 Depth to water: 152.44 ft (46.46 m) below TOC
 Water elevation: 218.66 ft (66.04 m) msl
 Sp. conductance: 89 µS/cm
 Water evacuated before sampling: 459 gal

Time: 11:55
 pH: 6.5
 Alkalinity: 18 mg/L
 Water temperature: 20.1°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
2	Trichloroethylene	8.8	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 138.76 ft (41.88 m) below TOC
 Water elevation: 232.54 ft (70.88 m) msl
 Sp. conductance: 52 µS/cm
 Water evacuated before sampling: 106 gal

Time: 14:15
 pH: 4.9
 Alkalinity: 2 mg/L
 Water temperature: 20.6°C

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	8,750	µg/L	MA
0	1,1-Dichloroethylene	< 200	µg/L	MA
0	1,1,1-Trichloroethane	< 200	µg/L	MA

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 134.43 ft (40.97 m) below TOC
 Water elevation: 234.77 ft (71.56 m) msl
 Sp. conductance: 88 µS/cm
 Water evacuated before sampling: 35 gal

Time: 14:25
 pH: 4.4
 Alkalinity: 0 mg/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 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 152.54 ft (46.49 m) below TOC
 Water elevation: 216.46 ft (65.98 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 445 gal

Time: 15:00
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
0	Tetrachloroethylene	< 10	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	637	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 141.28 ft (43.08 m) below TOC
 Water elevation: 220.92 ft (67.34 m) msl
 Sp. conductance: 46 µS/cm
 Water evacuated before sampling: 311 gal

Time: 14:00
 pH: 6.1
 Alkalinity: 7 mg/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

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 139.79 ft (42.61 m) below TOC
 Water elevation: 222.11 ft (67.70 m) msl
 Sp. conductance: 52 µS/cm
 Water evacuated before sampling: 173 gal

Time: 14:40
 pH: 6.2
 Alkalinity: 20 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
0	Tetrachloroethylene	< 10	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	659	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 140.75 ft (42.90 m) below TOC
 Water elevation: 222.15 ft (67.71 m) msl
 Sp. conductance: 43 µS/cm
 Water evacuated before sampling: 123 gal

Time: 11:20
 pH: 5.8
 Alkalinity: 8 mg/L
 Water temperature: 18.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
0	Tetrachloroethylene	< 10	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	137	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA
1	Total activity	1.9 ± 1.2	pCi/ml	EM

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 132.37 ft (40.35 m) below TOC
 Water elevation: 230.83 ft (70.36 m) msl
 The well pumped dry before sampling could be done.

Time: 8:10

ANALYTICAL RESULTS

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 141.76 ft (43.21 m) below TOC
 Water elevation: 220.84 ft (67.25 m) msl
 Sp. conductance: 135 µS/cm
 Water evacuated before sampling: 307 gal

Time: 14:25
 pH: 10.7
 Alkalinity: 33 mg/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 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90
 Depth to water: 138.75 ft (42.29 m) below TOC
 Water elevation: 198.85 ft (59.94 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 324 gal

Time: 9:45
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 18.3°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 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90
 Depth to water: 132.77 ft (40.47 m) below TOC
 Water elevation: 202.03 ft (61.58 m) msl
 Sp. conductance: 63 µS/cm
 Water evacuated before sampling: 252 gal

Time: 9:10
 pH: 5.9
 Alkalinity: 14 mg/L
 Water temperature: 17.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
0	Tetrachloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
2	Trichloroethylene	82	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90
 Depth to water: 108.86 ft (33.18 m) below TOC
 Water elevation: 225.34 ft (68.68 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 13 gal
 The well went dry during purging

Time: 17:15
 pH: 5.0
 Alkalinity: 2 mg/L
 Water temperature: 20.5°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 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 22.43 ft (6.84 m) below TOC
 Water elevation: 201.57 ft (61.44 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 148 gal

Time: 10:20
 pH: 5.3
 Alkalinity: 5 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	0.50	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
1	Tetrachloroethylene	4.0	µg/L	MT
1	Tetrachloroethylene	4.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
2	Trichloroethylene	8.7	µg/L	MT
2	Trichloroethylene	9.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
1	Total activity	1.7 ± 1.5	pCi/ml	EM

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 22.43 ft (6.84 m) below TOC
 Water elevation: 201.57 ft (61.44 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 148 gal

Time: 10:20
 pH: 5.3
 Alkalinity: 5 mg/L
 Water temperature: 18.0°C

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 21.72 ft (6.62 m) below TOC
 Water elevation: 201.78 ft (61.50 m) msl
 Sp. conductance: 89 µS/cm
 Water evacuated before sampling: 41 gal

Time: 10:10
 pH: 5.3
 Alkalinity: 8 mg/L
 Water temperature: 17.9°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 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 60.01 ft (18.29 m) below TOC
 Water elevation: 203.49 ft (62.02 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 141 gal

Time: 9:40
 pH: 5.5
 Alkalinity: 10 mg/L
 Water temperature: 17.5°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

ANALYTICAL RESULTS

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/90
 Depth to water: 53.52 ft (16.31 m) below TOC
 Water elevation: 208.98 ft (63.70 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

Time: 18:00
 pH: 4.7
 Alkalinity: 1 mg/L
 Water temperature: 19.5°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 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 104.56 ft (31.87 m) below TOC
 Water elevation: 217.34 ft (66.25 m) msl
 Sp. conductance: 91 µS/cm
 Water evacuated before sampling: 252 gal

Time: 10:10
 pH: 6.8
 Alkalinity: 30 mg/L
 Water temperature: 18.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
2	Tetrachloroethylene	12	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	6.4	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 85.78 ft (26.15 m) below TOC
 Water elevation: 236.02 ft (71.94 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 2 gal
 The well went dry during purging.

Time: 9:25
 pH: 5.7
 Alkalinity: 2 mg/L
 Water temperature: 17.9°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 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 123.66 ft (37.69 m) below TOC
 Water elevation: 220.94 ft (67.34 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 191 gal

Time: 11:50
 pH: 5.6
 Alkalinity: 1 mg/L
 Water temperature: 19.5°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 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 124.07 ft (37.82 m) below TOC
 Water elevation: 221.43 ft (67.49 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 101 gal

Time: 11:40
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
1	Tetrachloroethylene	1.4	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
1	Trichloroethylene	2.3	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 111.68 ft (34.04 m) below TOC
 Water elevation: 233.42 ft (71.15 m) msl
 Sp. conductance: 24 µS/cm
 Water evacuated before sampling: 24 gal

Time: 11:55
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 20.4°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
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	MA

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 153.11 ft (46.67 m) below TOC
 Water elevation: 220.59 ft (67.24 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 247 gal

Time: 10:55
 pH: 5.0
 Alkalinity: 3 mg/L
 Water temperature: 19.4°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 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 148.50 ft (45.26 m) below TOC
 Water elevation: 225.20 ft (68.64 m) msl
 Sp. conductance: 75 µS/cm
 Water evacuated before sampling: 307 gal

Time: 10:10
 pH: 9.8
 Alkalinity: 35 mg/L
 Water temperature: 19.2°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

ANALYTICAL RESULTS

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 11:00
 Depth to water: Not available pH: 3.9
 Water elevation: Not available Alkalinity: 0 mg/L
 Sp. conductance: 27 µS/cm Water temperature: 18.9°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
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: 04/28/90 Time: 11:10
 Depth to water: 155.86 ft (47.51 m) below TOC pH: 6.3
 Water elevation: 217.94 ft (66.43 m) msl Alkalinity: 16 mg/L
 Sp. conductance: 49 µS/cm Water temperature: 19.2°C
 Water evacuated before sampling: 422 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 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/90 Time: 12:55
 Depth to water: 150.01 ft (45.72 m) below TOC pH: 4.5
 Water elevation: 218.89 ft (66.72 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 49 µS/cm Water temperature: 21.3°C
 Water evacuated before sampling: 187 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 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 12:15
 Depth to water: 141.49 ft (43.13 m) below TOC pH: 4.5
 Water elevation: 228.01 ft (69.50 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 30 µS/cm Water temperature: 18.9°C
 Water evacuated before sampling: 114 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 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 12:00
 Depth to water: Not available pH: 4.9
 Water elevation: Not available Alkalinity: 1 mg/L
 Sp. conductance: 38 µS/cm Water temperature: 19.0°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

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/90 Time: 15:15
 Depth to water: 138.09 ft (42.09 m) below TOC pH: 12.8
 Water elevation: 230.71 ft (70.32 m) msl Alkalinity: 239 mg/L
 Sp. conductance: 1116 µS/cm Water temperature: 22.0°C
 Water evacuated before sampling: 3 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 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/90 Time: 13:55
 Depth to water: 158.38 ft (48.27 m) below TOC pH: 5.9
 Water elevation: 210.42 ft (64.14 m) msl Alkalinity: 5 mg/L
 Sp. conductance: 48 µS/cm Water temperature: 21.4°C
 Water evacuated before sampling: 323 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 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 13:25
 Depth to water: 59.81 ft (18.23 m) below TOC pH: 4.5
 Water elevation: 219.99 ft (67.05 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 22 µS/cm Water temperature: 19.5°C
 Water evacuated before sampling: 21 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 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 96.37 ft (29.37 m) below TOC
 Water elevation: 221.23 ft (67.43 m) msl
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 143 gal

Time: 10:50
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 19.1°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 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/90
 Depth to water: 94.77 ft (28.99 m) below TOC
 Water elevation: 223.33 ft (68.07 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 13:10
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 21.8°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 MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: 142.52 ft (43.44 m) below TOC
 Water elevation: 206.18 ft (62.84 m) msl
 Sp. conductance: 81 µS/cm
 Water evacuated before sampling: 338 gal

Time: 11:55
 pH: 5.8
 Alkalinity: 9 mg/L
 Water temperature: 20.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 25	µg/L	MA
0	Chloroform	< 25	µg/L	MA
0	Tetrachloroethylene	< 25	µg/L	MA
0	Tetrachloroethylene	< 25	µg/L	MA
0	trans-1,2-Dichloroethene	< 25	µg/L	MA
0	trans-1,2-Dichloroethene	< 25	µg/L	MA
2	Trichloroethylene	1.970	µg/L	MA
2	Trichloroethylene	2.060	µg/L	MA
0	1,1-Dichloroethylene	< 25	µg/L	MA
0	1,1-Dichloroethylene	< 25	µg/L	MA
0	1,1,1-Trichloroethane	< 25	µg/L	MA
0	1,1,1-Trichloroethane	< 25	µg/L	MA

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: 127.94 ft (39.00 m) below TOC
 Water elevation: 220.78 ft (67.29 m) msl
 Sp. conductance: 138 µS/cm
 Water evacuated before sampling: 115 gal

Time: 10:40
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
2	Tetrachloroethylene	293	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	141	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 117.21 ft (35.73 m) below TOC
 Water elevation: 232.29 ft (70.80 m) msl
 Sp. conductance: 30 µS/cm
 Water evacuated before sampling: 21 gal

Time: 15:55
 pH: 4.5
 Alkalinity: 0 mg/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 MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 165.91 ft (50.57 m) below TOC
 Water elevation: 217.59 ft (66.32 m) msl
 Sp. conductance: 245 µS/cm
 Water evacuated before sampling: 230 gal

Time: 14:25
 pH: 10.6
 Alkalinity: 71 mg/L
 Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 5.0	µg/L	MA
2	Tetrachloroethylene	13	µg/L	MA
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
2	Trichloroethylene	39	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 155.67 ft (47.45 m) below TOC
 Water elevation: 227.83 ft (69.44 m) msl
 Sp. conductance: 41 µS/cm
 Water evacuated before sampling: 161 gal

Time: 14:55
 pH: 5.1
 Alkalinity: 4 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	Chloroform	< 1.0	µg/L	MA
2	Tetrachloroethylene	18	µg/L	MA
2	Tetrachloroethylene	19	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	53	µg/L	MA
2	Trichloroethylene	60	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 66C collected on 04/28/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 13:45
 Depth to water: 152.90 ft (46.60 m) below TOC
 Water elevation: 230.40 ft (70.23 m) msl
 Inaccessibility or pump failure prevented sample collection.

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90 Time: 15:25
 Depth to water: 178.29 ft (54.34 m) below TOC pH: 5.0
 Water elevation: 204.51 ft (62.34 m) msl Alkalinity: 3 mg/L
 Sp. conductance: 31 µS/cm Water temperature: 20.2°C
 Water evacuated before sampling: 452 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
1	Tetrachloroethylene	1.6	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 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 14:35
 Depth to water: 146.64 ft (44.70 m) below TOC pH: 6.1
 Water elevation: 218.46 ft (66.59 m) msl Alkalinity: 18 mg/L
 Sp. conductance: 53 µS/cm Water temperature: 20.0°C
 Water evacuated before sampling: 230 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<10	µg/L	MA
0	Tetrachloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	29	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 15:00
 Depth to water: 136.95 ft (41.74 m) below TOC pH: 5.6
 Water elevation: 227.65 ft (69.45 m) msl Alkalinity: 12 mg/L
 Sp. conductance: 53 µS/cm Water temperature: 20.8°C
 Water evacuated before sampling: 151 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<10	µg/L	MA
0	Tetrachloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	64	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 14:50
 Depth to water: 131.63 ft (40.12 m) below TOC pH: 5.7
 Water elevation: 233.37 ft (71.13 m) msl Alkalinity: 17 mg/L
 Sp. conductance: 119 µS/cm Water temperature: 21.9°C
 Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<20	µg/L	MA
0	Tetrachloroethylene	<20	µg/L	MA
0	trans-1,2-Dichloroethene	<20	µg/L	MA
2	Trichloroethylene	2,220	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<20	µg/L	MA

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 14:00
 Depth to water: 137.65 ft (41.96 m) below TOC pH: 4.8
 Water elevation: 219.25 ft (66.83 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 27 µS/cm Water temperature: 19.5°C
 Water evacuated before sampling: 240 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
2	Tetrachloroethylene	22	µg/L	MA
2	Tetrachloroethylene	23	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	88	µg/L	MA
2	Trichloroethylene	91	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	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90 Time: 13:50
 Depth to water: 130.14 ft (39.67 m) below TOC pH: 4.7
 Water elevation: 226.56 ft (69.06 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 32 µS/cm Water temperature: 20.7°C
 Water evacuated before sampling: 170 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<10	µg/L	MA
0	Tetrachloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
2	Trichloroethylene	553	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90
 Depth to water: 123.78 ft (37.72 m) below TOC
 Water elevation: 233.24 ft (71.09 m) msl
 Sp. conductance: 80 µS/cm
 Water evacuated before sampling: 35 gal

Time: 13:55
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 50	µg/L	MA
0	Tetrachloroethylene	< 50	µg/L	MA
0	trans-1,2-Dichloroethene	< 50	µg/L	MA
2	Trichloroethylene	2.090	µg/L	MA
0	1,1-Dichloroethylene	< 50	µg/L	MA
0	1,1,1-Trichloroethane	< 50	µg/L	MA

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 162.91 ft (49.66 m) below TOC
 Water elevation: 218.79 ft (66.69 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 206 gal

Time: 10:15
 pH: 5.9
 Alkalinity: 23 mg/L
 Water temperature: 17.6°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
1	Total activity	1.1 ± 1.2	pCi/ml	EM

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/90
 Depth to water: 155.70 ft (47.46 m) below TOC
 Water elevation: 226.10 ft (68.92 m) msl
 Sp. conductance: 98 µS/cm
 Water evacuated before sampling: 28 gal
 The well went dry during purging.

Time: 11:50
 pH: 6.6
 Alkalinity: 30 mg/L
 Water temperature: 17.4°C

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	87	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA
1	Total activity	1.2 ± 1.2	pCi/ml	EM

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 150.19 ft (45.78 m) below TOC
 Water elevation: 232.01 ft (70.72 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 30 gal

Time: 8:20
 pH: 4.3
 Alkalinity: 0 mg/L
 Water temperature: 18.6°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 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 187.86 ft (57.16 m) below TOC
 Water elevation: 213.84 ft (65.12 m) msl
 Sp. conductance: 52 µS/cm
 Water evacuated before sampling: 362 gal

Time: 9:10
 pH: 6.2
 Alkalinity: 20 mg/L
 Water temperature: 19.3°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 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 145.53 ft (44.36 m) below TOC
 Water elevation: 216.87 ft (66.04 m) msl
 Sp. conductance: 172 µS/cm
 Water evacuated before sampling: 111 gal

Time: 12:35
 pH: 5.7
 Alkalinity: 10 mg/L
 Water temperature: 19.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 5.0	µg/L	MA
2	Tetrachloroethylene	441	µg/L	MA
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
2	Trichloroethylene	36	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
1	1,1,1-Trichloroethane	21	µg/L	MA

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/90
 Depth to water: 128.66 ft (39.22 m) below TOC
 Water elevation: 218.44 ft (66.57 m) msl
 Sp. conductance: 228 µS/cm
 Water evacuated before sampling: 50 gal
 The well went dry during purging.

Time: 15:25
 pH: 10.0
 Alkalinity: 93 mg/L
 Water temperature: 18.5°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 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90
 Depth to water: 130.53 ft (39.79 m) below TOC
 Water elevation: 197.67 ft (60.25 m) msl
 Sp. conductance: 26 µS/cm
 Water evacuated before sampling: 122 gal

Time: 10:45
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 19.3°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

ANALYTICAL RESULTS

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/90
 Depth to water: 139.84 ft (42.62 m) below TOC
 Water elevation: 200.56 ft (61.13 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 197 gal

Time: 10:30
 pH: 3.8
 Alkalinity: 0 mg/L
 Water temperature: 19.0°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
2	Trichloroethylene	11	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: 105.38 ft (32.12 m) below TOC
 Water elevation: 209.12 ft (63.74 m) msl
 Sp. conductance: 79 µS/cm
 Water evacuated before sampling: 281 gal

Time: 14:25
 pH: 6.6
 Alkalinity: 18 mg/L
 Water temperature: 19.6°C

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	4,670	µg/L	MA
0	1,1-Dichloroethylene	< 100	µg/L	MA
0	1,1,1-Trichloroethane	< 100	µg/L	MA

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
 Depth to water: 105.71 ft (32.22 m) below TOC
 Water elevation: 209.29 ft (63.79 m) msl
 Sp. conductance: 259 µS/cm
 Water evacuated before sampling: 16 gal
 The well went dry during purging

Time: 10:55
 pH: 10.7
 Alkalinity: 82 mg/L
 Water temperature: 18.8°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 MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
 Depth to water: 83.98 ft (25.60 m) below TOC
 Water elevation: 231.12 ft (70.45 m) msl
 Sp. conductance: 744 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging

Time: 11:05
 pH: 7.3
 Alkalinity: 51 mg/L
 Water temperature: 18.5°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
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	MA

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90
 Depth to water: 119.88 ft (36.48 m) below TOC
 Water elevation: 207.02 ft (63.10 m) msl
 Sp. conductance: 95 µS/cm
 Water evacuated before sampling: 132 gal

Time: 12:40
 pH: 6.1
 Alkalinity: 18 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
0	Tetrachloroethylene	< 10	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
2	Trichloroethylene	830	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90
 Depth to water: 120.85 ft (36.84 m) below TOC
 Water elevation: 208.65 ft (63.59 m) msl
 Sp. conductance: 155 µS/cm
 Water evacuated before sampling: 2 gal
 The well went dry during purging.

Time: 16:15
 pH: 8.5
 Alkalinity: 46 mg/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
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 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: 133.16 ft (40.59 m) below TOC
 Water elevation: 219.64 ft (66.95 m) msl
 Sp. conductance: 367 µS/cm
 Water evacuated before sampling: 17 gal
 The well went dry during purging.

Time: 15:35
 pH: 8.5
 Alkalinity: 102 mg/L
 Water temperature: 19.5°C

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	8,800	µg/L	MA
0	1,1-Dichloroethylene	< 200	µg/L	MA
0	1,1,1-Trichloroethane	< 200	µg/L	MA

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
 Depth to water: 142.56 ft (43.45 m) below TOC
 Water elevation: 205.44 ft (62.62 m) msl
 Sp. conductance: 549 µS/cm
 Water evacuated before sampling: 36 gal
 The well went dry during purging.

Time: 10:20
 pH: 11.5
 Alkalinity: 172 mg/L
 Water temperature: 18.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
1	Tetrachloroethylene	1.1	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	26	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 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/90
 Depth to water: 140.02 ft (42.68 m) below TOC
 Water elevation: 207.78 ft (63.33 m) msl
 Sp. conductance: 1782 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 10:35
 pH: 12.3
 Alkalinity: 421 mg/L
 Water temperature: 18.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
1	Tetrachloroethylene	1.9	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	7.3	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 146.30 ft (44.59 m) below TOC
 Water elevation: 227.70 ft (69.40 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 143 gal

Time: 13:05
 pH: 6.0
 Alkalinity: 11 mg/L
 Water temperature: 19.3°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 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 145.05 ft (44.21 m) below TOC
 Water elevation: 227.05 ft (69.21 m) msl
 Sp. conductance: 75 µS/cm
 Water evacuated before sampling: 128 gal

Time: 11:45
 pH: 8.3
 Alkalinity: 28 mg/L
 Water temperature: 19.1°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 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/90
 Depth to water: 133.76 ft (40.77 m) below TOC
 Water elevation: 228.24 ft (69.57 m) msl
 Sp. conductance: 42 µS/cm
 Water evacuated before sampling: 100 gal

Time: 12:35
 pH: 5.5
 Alkalinity: 7 mg/L
 Water temperature: 18.9°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 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/90
 Depth to water: 162.00 ft (49.38 m) below TOC
 Water elevation: 218.80 ft (66.69 m) msl
 Sp. conductance: 56 µS/cm
 Water evacuated before sampling: 336 gal

Time: 11:55
 pH: 6.2
 Alkalinity: 7 mg/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 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 158.00 ft (48.16 m) below TOC
 Water elevation: 223.40 ft (68.09 m) msl
 Sp. conductance: 141 µS/cm
 Water evacuated before sampling: 29 gal
 The well went dry during purging.

Time: 19:10
 pH: 9.2
 Alkalinity: 46 mg/L
 Water temperature: 20.7°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
2	Trichloroethylene	17	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/90
 Depth to water: 162.62 ft (49.57 m) below TOC
 Water elevation: 218.38 ft (66.56 m) msl
 Sp. conductance: 459 µS/cm
 Water evacuated before sampling: 32 gal
 The well went dry during purging.

Time: 15:00
 pH: 11.1
 Alkalinity: 45 mg/L
 Water temperature: 21.8°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 MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/90
 Depth to water: 134.44 ft (40.98 m) below TOC
 Sp. conductance: 86 µS/cm
 Water evacuated before sampling: 204 gal

Time: 15:50
 pH: 6.7
 Water temperature: 19.6°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

ANALYTICAL RESULTS

WELL NBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 88.48 ft (26.97 m) below TOC
 Water elevation: 223.02 ft (67.98 m) msl
 Sp. conductance: 77 µS/cm
 Water evacuated before sampling: 10 gal
 The well went dry during purging.

Time: 15:45
 pH: 5.0
 Alkalinity: 2 mg/L
 Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
1	Chloroform	1.2	µg/L	MT
1	Nitrate as nitrogen	6,050	µg/L	MT
1	Tetrachloroethylene	1.3	µg/L	MT
2	Trichloroethylene	139	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	6.8 ± 3.6	pCi/L	MT
1	Total activity	219 ± 3.4	pCi/mL	EM
0	Total radium	1.5 ± 0.30	pCi/L	MT
2	Tritium	190 ± 20	pCi/mL	MT

WELL NBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 89.21 ft (27.19 m) below TOC
 Water elevation: 223.49 ft (68.12 m) msl
 Sp. conductance: 727 µS/cm
 Water evacuated before sampling: 13 gal
 The well went dry during purging.

Time: 15:20
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	0.62	µg/L	MT
0	Nitrate as nitrogen	< 100	µg/L	MT
1	Tetrachloroethylene	3.5	µg/L	MT
2	Trichloroethylene	56	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	Gross alpha	4.0 ± 2.5	pCi/L	MT
1	Nonvolatile beta	49 ± 6.0	pCi/L	MT
1	Total activity	2,010 ± 9.6	pCi/mL	EM
2	Total radium	5.3 ± 0.60	pCi/L	MT
2	Tritium	1,700 ± 200	pCi/mL	MT

WELL NBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 97.36 ft (29.68 m) below TOC
 Water elevation: 215.04 ft (65.54 m) msl
 Sp. conductance: 128 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 16:45
 pH: 6.2
 Alkalinity: 44 mg/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	Nitrate as nitrogen	1,970	µg/L	MT
1	Tetrachloroethylene	1.8	µg/L	MT
2	Trichloroethylene	13	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	Gross alpha	< 3.0	pCi/L	MT
0	Nonvolatile beta	< 6.0	pCi/L	MT
0	Total radium	1.1 ± 0.30	pCi/L	MT
1	Tritium	13 ± 2.0	pCi/mL	MT

WELL NBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 91.97 ft (28.03 m) below TOC
 Water elevation: 214.53 ft (65.39 m) msl
 Sp. conductance: 36 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 16:25
 pH: 5.2
 Alkalinity: 3 mg/L
 Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
0	Nitrate as nitrogen	1,210	µg/L	MT
0	Tetrachloroethylene	< 0.40	µg/L	MT
2	Trichloroethylene	4.0	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	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	Total radium	< 1.0	pCi/L	MT
0	Tritium	7.0 ± 0.70	pCi/mL	MT

WELL NBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 88.56 ft (26.99 m) below TOC
 Water elevation: 214.94 ft (65.51 m) msl
 Sp. conductance: 41 µS/cm
 Water evacuated before sampling: 14 gal
 The well went dry during purging.

Time: 16:05
 pH: 5.3
 Alkalinity: 6 mg/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
1	Nitrate as nitrogen	3,420	µg/L	MT
0	Tetrachloroethylene	< 0.40	µg/L	MT
2	Trichloroethylene	3.2	µg/L	MT
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	Gross alpha	< 2.0	pCi/L	MT
0	Nonvolatile beta	< 6.0	pCi/L	MT
0	Total radium	1.8 ± 0.30	pCi/L	MT
0	Tritium	6.8 ± 0.90	pCi/mL	MT

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 Depth to water: 38.56 ft (11.75 m) below TOC
 Water elevation: 115.94 ft (35.34 m) msl
 Sp. conductance: 42 µS/cm
 Water evacuated before sampling: 296 gal

Time: 15:15
 pH: 5.3
 Alkalinity: 4 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
0	pH	5.8	pH	GE
0	Specific conductance	37	µS/cm	MT
0	Specific conductance	41	µS/cm	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	25	µg/L	MT
0	Barium	23	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	3,120	µg/L	MT
0	Calcium	3,400	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL P 26A collected on 08/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloride	1,780	µg/L	MT
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	100	µg/L	GE
2	Iron	777	µg/L	MT
2	Iron	750	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	507	µg/L	MT
0	Magnesium	470	µg/L	GE
0	Manganese	20	µg/L	MT
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,510	µg/L	MT
0	Potassium	1,300	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	28,800	µg/L	MT
1	Silica	26,000	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Sodium	1,207	µg/L	MT
0	Sodium	1,100	µg/L	GE
0	Sulfate	6,650	µg/L	MT
0	Sulfate	6,100	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	48,000	µg/L	MT
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	1,550	µg/L	MT
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	63	µg/L	MT
2	Total organic halogens	47	µg/L	GE
0	Total phosphates	173	µg/L	MT
1	Total phosphates	1,990	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	5.4 ± 3.4	pCi/L	MT
0	Nonvolatile beta	5.0 ± 3.7	pCi/L	GE

WELL P 26A collected on 08/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.6 ± 3.3	pCi/L	GE
0	Trillium	<1.0	pCi/mL	MT
0	Trillium	<0.70	pCi/mL	GE

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90
 Depth to water: 38.58 ft (11.75 m) below TOC
 Water elevation: 115.94 ft (35.34 m) msl
 Sp. conductivity: 42 µS/cm
 Water evacuated before sampling: 298 gal

Time: 15:15
 pH: 5.3
 Alkalinity: 4 mg/L
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	MT
0	pH	5.8	pH	GE
0	pH	5.6	pH	GE
0	Specific conductance	39	µS/cm	MT
0	Specific conductance	41	µS/cm	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	MT
0	Barium	20	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,220	µg/L	MT
0	Calcium	3,000	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,720	µg/L	MT
0	Chloride	1,600	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
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	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<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	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE

ANALYTICAL RESULTS

WELL P 26A collected on 08/19/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Iron	807	µg/L	MT
2	Iron	890	µg/L	GE
2	Iron	760	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	520	µg/L	MT
0	Magnesium	410	µg/L	GE
0	Magnesium	450	µg/L	GE
0	Manganese	21	µg/L	MT
0	Manganese	17	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	MT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,550	µg/L	MT
0	Potassium	1,200	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	29,700	µg/L	MT
1	Silica	22,000	µg/L	GE
1	Silica	25,000	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,250	µg/L	MT
0	Sodium	1,100	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Sulfate	6,560	µg/L	MT
0	Sulfate	6,100	µg/L	GE
0	Sulfate	6,300	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	35,000	µg/L	MT
0	Total dissolved solids	48,000	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
0	Total organic carbon	1,020	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	63	µg/L	MT
2	Total organic halogens	48	µg/L	GE
2	Total organic halogens	44	µg/L	GE
0	Total phosphates	177	µg/L	MT
1	Total phosphates	2,010	µg/L	GE
1	Total phosphates	2,000	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	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-1,3-Dichloropropene	<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	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<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-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<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	1,1,2-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	1,1,2,2-Tetrachloroethane	<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	1,2-Dichloroethane	<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-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL P 26A collected on 08/19/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<8.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<8.0	pCi/L	MT
0	Nonvolatile beta	2.3±2.4	pCi/L	GE
0	Nonvolatile beta	2.0±2.4	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tridium	<1.0	pCi/mL	MT
0	Tridium	<0.70	pCi/mL	GE
0	Tridium	<0.70	pCi/mL	GE

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/00
 Depth to water: 48.14 ft (14.67 m) below TOC
 Water elevation: 108.38 ft (32.42 m) msl
 Sp. conductance: 85 µS/cm
 Water evacuated before sampling: 83 gal

Time: 18:20
 pH: 8.4
 Alkalinity: 24 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	8.8	pH	GE
0	Specific conductance	82	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	11,000	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	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Manganese	2.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	840	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	3,100	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	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	820	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	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

ANALYTICAL RESULTS

WELL P 26B collected on 08/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total radium	< 1.0	pCi/L	GE
0	Tridium	1.9 ± 0.30	pCi/ml	GE

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90	Time: 18:45
Depth to water: 41.30 ft (12.59 m) below TOC	pH: 5.9
Water elevation: 113.20 ft (34.50 m) msf	Alkalinity: 8 mg/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	pH	6.1	pH	GE
0	Specific conductance	43	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	7.7	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoforn	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	4,300	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	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	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	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	620	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	530	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,800	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 dissolved solids	38,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
1	Total phosphates	830	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	Nonvolatile beta	2.2 ± 1.7	pCi/L	GE
0	Total radium	1.5 ± 2.1	pCi/L	GE
0	Tridium	2.1 ± 0.30	pCi/ml	GE

WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90	Time: 11:20
Depth to water: 12.38 ft (3.77 m) below TOC	pH: 5.1
Water elevation: 283.82 ft (86.42 m) msf	Alkalinity: 4 mg/L
Sp. conductance: 37 µS/cm	Water temperature: 18.3°C
Water evacuated before sampling: 77 gal	

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	pH	5.0	pH	GE
0	Specific conductance	38	µS/cm	MT
0	Specific conductance	37	µS/cm	GE
0	Turbidity	8.3	NTU	MT
0	Turbidity	10	NTU	GE
0	Arsenic	< 2.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	24	µg/L	MT
0	Barium	23	µg/L	GE
0	Cadmium	< 3.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	572	µg/L	MT
0	Calcium	783	µg/L	GE
0	Chloride	3,700	µg/L	MT
0	Chloride	3,500	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
1	Chromium	8.9	µg/L	GE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	gamma-Benzene hexachloride (lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (lindane)	< 0.0050	µg/L	GE
0	Iron	36	µg/L	MT
0	Iron	141	µg/L	GE
0	Lead	4.4	µg/L	MT
0	Lead	8.8	µg/L	GE
0	Magnesium	292	µg/L	MT
0	Magnesium	272	µg/L	GE
0	Manganese	< 5.0	µg/L	MT
0	Manganese	3.3	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	790	µg/L	MT
0	Nitrate as nitrogen	780	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Potassium	602	µg/L	MT
0	Potassium	686	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,200	µg/L	GE
0	Silica	4,840	µg/L	MT
0	Silver	< 2.0	µg/L	MT
0	Silver	< 2.0	µg/L	GE
1	Sodium	5,150	µg/L	MT
1	Sodium	5,430	µg/L	GE
0	Sulfate	1,000	µg/L	MT
0	Sulfate	1,800	µg/L	GE
0	Total dissolved solids	40,000	µg/L	MT
0	Total dissolved solids	42,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	< 1,600	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 10	µg/L	MT
0	Total phosphates	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	Gross alpha	< 3.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 4.0	pCi/L	MT
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tridium	9.6 ± 1.0	pCi/ml	MT
1	Tridium	13 ± 0.50	pCi/ml	GE

ANALYTICAL RESULTS

WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 12.38 ft (3.77 m) below TOC
 Water elevation: 283.82 ft (86.42 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 77 gal

Time: 11:20
 pH: 8.1
 Alkalinity: 4 mg/L
 Water temperature: 18.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	pH	5.4	pH	GE
0	Specific conductance	35	µS/cm	MT
0	Specific conductance	38	µS/cm	GE
0	Turbidity	15	NTU	MT
0	Turbidity	11	NTU	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	MT
0	Barium	23	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	813	µg/L	MT
0	Calcium	802	µg/L	GE
0	Chloride	3,700	µg/L	MT
0	Chloride	3,400	µg/L	GE
0	Chromium	<5.0	µg/L	MT
1	Chromium	7.0	µg/L	GE
0	Endrin	<0.0080	µg/L	MT
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	46	µg/L	MT
0	Iron	115	µg/L	GE
0	Lead	4.8	µg/L	MT
0	Lead	11	µg/L	GE
0	Magnesium	306	µg/L	MT
0	Magnesium	273	µg/L	GE
0	Manganese	<5.0	µg/L	MT
0	Manganese	3.3	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	MT
0	Nitrate as nitrogen	830	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	625	µg/L	MT
0	Potassium	898	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	5,260	µg/L	GE
0	Silica	4,990	µg/L	MT
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	5,400	µg/L	MT
1	Sodium	5,810	µg/L	GE
0	Sulfate	1,000	µg/L	MT
0	Sulfate	2,900	µg/L	GE
0	Total dissolved solids	33,000	µg/L	MT
0	Total dissolved solids	52,000	µg/L	GE
0	Total organic carbon	1,500	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	52	µg/L	MT
0	Total phosphates	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
2	Gross alpha	21 ± 5.7	pCi/L	GE
0	Nonvolatile beta	<4.0	pCi/L	MT
0	Nonvolatile beta	5.6 ± 4.9	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
2	Total radium	59 ± 10	pCi/L	GE
0	Trinium	9.4 ± 1.0	pCi/ml	MT
0	Trinium	9.4 ± 1.0	pCi/ml	GE
1	Trinium	12 ± 0.50	pCi/ml	GE

WELL PAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 18.73 ft (4.78 m) below TOC
 Water elevation: 289.07 ft (82.01 m) msl
 Sp. conductance: 71 µS/cm
 Water evacuated before sampling: 55 gal

Time: 13:15
 pH: 5.8
 Alkalinity: 14 mg/L
 Water temperature: 18.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	8.2	pH	GE
0	Specific conductance	81	µS/cm	GE
0	Turbidity	13	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	34	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,820	µg/L	GE
0	Chloride	4,000	µg/L	GE
1	Chromium	8.7	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
2	Iron	3,140	µg/L	GE
0	Lead	4.5	µg/L	GE
0	Magnesium	892	µg/L	GE
2	Manganese	70	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	961	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	10,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,150	µg/L	GE
0	Sulfate	9,100	µg/L	GE
0	Total dissolved solids	70,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<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	2.6 ± 5.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Trinium	<0.70	pCi/ml	GE

WELL PAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 20.78 ft (6.33 m) below TOC
 Water elevation: 289.12 ft (82.03 m) msl
 Sp. conductance: 594 µS/cm
 Water evacuated before sampling: 42 gal

Time: 12:40
 pH: 5.7
 Alkalinity: 33 mg/L
 Water temperature: 19.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
1	Specific conductance	590	µS/cm	GE
0	Turbidity	23	NTU	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	97	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	22,000	µg/L	GE
1	Chloride	33,900	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
1	Iron	240	µg/L	GE
0	Lead	4.4	µg/L	GE
1	Magnesium	9,150	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	370	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,520	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	16,000	µg/L	GE

ANALYTICAL RESULTS

WELL PAC 3 collected on 04/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
1	Sodium	80,000	µg/L	GE
2	Sulfate	217,000	µg/L	GE
0	Total dissolved solids	400,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<5.0	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	3.4 ± 4.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
1	Tritium	12 ± 0.50	pCi/ml	GE

WELL PAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/90
 Depth to water: 8.13 ft (2.48 m) below TOC
 Water elevation: 283.47 ft (86.40 m) msl
 Sp. conductance: 191 µS/cm
 Water evacuated before sampling: 85 gal

Time: 13:50
 pH: 5.2
 Alkalinity: 3 mg/L
 Water temperature: 18.9 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
1	Specific conductance	187	µS/cm	GE
0	Turbidity	21	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	258	µg/L	GE
0	Chloride	5,100	µg/L	GE
1	Chromium	4.2	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	114	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	244	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	940	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	638	µg/L	GE
1	Selenium	2.3	µg/L	GE
0	Silica	6,810	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	36,100	µg/L	GE
1	Sulfate	64,600	µg/L	GE
0	Total dissolved solids	138,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<5.0	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	2.4 ± 3.7	pCi/L	GE
1	Tritium	11 ± 0.50	pCi/ml	GE

WELL PAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 16.17 ft (4.93 m) below TOC
 Water elevation: 273.13 ft (83.25 m) msl
 Sp. conductance: 580 µS/cm
 Water evacuated before sampling: 11 gal
 The well went dry during purging.

Time: 11:15
 pH: 7.0
 Alkalinity: 178 mg/L
 Water temperature: 19.2 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.5	pH	GE
1	Specific conductance	550	µS/cm	GE
0	Turbidity	4.8	NTU	GE
0	Arsenic	<2.0	µg/L	GE

WELL PAC 5 collected on 04/27/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Barium	48	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	27,400	µg/L	GE
1	Chloride	12,300	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
1	Iron	153	µg/L	GE
0	Lead	6.2	µg/L	GE
1	Magnesium	10,600	µg/L	GE
2	Manganese	81	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,820	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	12,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	82,900	µg/L	GE
1	Sulfate	88,200	µg/L	GE
0	Total dissolved solids	343,000	µg/L	GE
1	Total organic carbon	11,000	µg/L	GE
2	Total organic halogens	25	µg/L	GE
0	Total phosphates	<5.0	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	5.3 ± 9.8	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
1	Tritium	18 ± 0.50	pCi/ml	GE

WELL PAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/90
 Depth to water: 17.42 ft (5.31 m) below TOC
 Water elevation: 271.98 ft (82.90 m) msl
 Sp. conductance: 355 µS/cm
 Water evacuated before sampling: 9 gal
 The well went dry during purging.

Time: 10:55
 pH: 6.4
 Alkalinity: 83 mg/L
 Water temperature: 19.6 C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.9	pH	GE
1	Specific conductance	329	µS/cm	GE
0	Turbidity	123	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	15,800	µg/L	GE
0	Chloride	9,900	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	563	µg/L	GE
0	Lead	3.8	µg/L	GE
0	Magnesium	4,310	µg/L	GE
2	Manganese	222	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,250	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	18,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	43,700	µg/L	GE
1	Sulfate	53,200	µg/L	GE
0	Total dissolved solids	223,000	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	<5.0	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 ± 0.40	pCi/ml	GE

ANALYTICAL RESULTS

WELL PCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90
 Depth to water: 29.12 ft (8.88 m) below TOC
 Water elevation: 276.38 ft (84.24 m) msl
 Sp. conductance: 114 µS/cm
 Water evacuated before sampling: 34 gal

Time: 11:25
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 25.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	7.9	µg/L	MT

WELL PCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90
 Depth to water: 29.50 ft (8.99 m) below TOC
 Water elevation: 275.40 ft (83.94 m) msl
 Sp. conductance: 69 µS/cm
 Water evacuated before sampling: 58 gal

Time: 12:05
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	3.3	µg/L	MT

WELL PCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90
 Depth to water: 25.94 ft (7.91 m) below TOC
 Water elevation: 278.66 ft (84.94 m) msl
 Sp. conductance: 891 µS/cm
 Water evacuated before sampling: 13 gal
 The well went dry during purging

Time: 13:05
 pH: 3.7
 Alkalinity: 0 mg/L
 Water temperature: 29.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Lead	50	µg/L	MT

WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90
 Depth to water: 33.85 ft (10.32 m) below TOC
 Water elevation: 275.75 ft (84.05 m) msl
 Sp. conductance: 192 µS/cm
 Water evacuated before sampling: 34 gal

Time: 12:45
 pH: 3.9
 Alkalinity: 0 mg/L
 Water temperature: 23.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Lead	18	µg/L	MT

WELL PDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 45.72 ft (13.94 m) below TOC
 Water elevation: 273.78 ft (83.45 m) msl
 Sp. conductance: 85 µS/cm
 Water evacuated before sampling: 68 gal

Time: 14:40
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 23.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 46	pCi/l	EM
0	Cesium-144	< 133	pCi/l	EM
0	Cesium-134	< 20	pCi/l	EM
0	Cesium-137	< 19	pCi/l	EM
0	Chromium-51	< 172	pCi/l	EM

WELL PDB 2 collected on 06/20/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cobalt-60	< 21	pCi/l	EM
0	Iodine-131	< 28	pCi/l	EM
0	Ruthenium-103	< 19	pCi/l	EM
0	Ruthenium-106	< 179	pCi/l	EM
0	Strontium-89	-1.1 ± 2.7	pCi/l	EM
0	Strontium-89/90	-0.80 ± 4.0	pCi/l	EM
1	Strontium-90	0.18 ± 2.9	pCi/l	EM
1	Total activity	742 ± 5.9	pCi/mL	EM
2	Tritium	650 ± 70	pCi/mL	MT
0	Zirconium-95	< 30	pCi/l	EM

WELL PDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 45.35 ft (13.82 m) below TOC
 Water elevation: 274.15 ft (83.56 m) msl
 Sp. conductance: 68 µS/cm
 Water evacuated before sampling: 68 gal

Time: 14:05
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 23.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Antimony-125	< 49	pCi/l	EM
0	Cesium-144	< 133	pCi/l	EM
0	Cesium-134	< 19	pCi/l	EM
0	Cesium-137	< 18	pCi/l	EM
0	Chromium-51	< 173	pCi/l	EM
0	Cobalt-60	< 19	pCi/l	EM
0	Iodine-131	< 27	pCi/l	EM
0	Ruthenium-103	< 18	pCi/l	EM
0	Ruthenium-106	< 186	pCi/l	EM
1	Strontium-89	4.4 ± 3.3	pCi/l	EM
0	Strontium-89/90	1.5 ± 4.8	pCi/l	EM
0	Strontium-90	-2.9 ± 3.2	pCi/l	EM
2	Tritium	180 ± 20	pCi/mL	MT
0	Zirconium-95	< 31	pCi/l	EM

WELL PRP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90
 Depth to water: 37.50 ft (11.43 m) below TOC
 Water elevation: 247.10 ft (75.32 m) msl
 Sp. conductance: 96 µS/cm
 Water evacuated before sampling: 77 gal

Time: 8:40
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 23.8°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
2	Lead	55	µg/L	GE
2	Lead	54	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
2	Tetrachloroethylene	9.0	µg/L	GE
2	Trichloroethylene	19	µg/L	GE
2	Trichloroethylene	20	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	151 ± 1.3	pCi/mL	GE
2	Tritium	153 ± 1.3	pCi/mL	GE

ANALYTICAL RESULTS

WELL PRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90
 Depth to water: 35.35 ft (10.77 m) below TOC
 Water elevation: 251.05 ft (76.52 m) msl
 Sp. conductance: 65 µS/cm
 Water evacuated before sampling: 44 gal

Time: 9:20
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 25.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
1	Lead	23	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	Tritium	6.3±0.40	pCi/mL	GE

WELL PRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90
 Depth to water: 13.62 ft (8.72 m) below TOC
 Water elevation: 262.08 ft (76.83 m) msl
 Sp. conductance: 104 µS/cm
 Water evacuated before sampling: 62 gal

Time: 9:50
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	290	µg/L	GE
0	Chloroform	< 50	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
2	Lead	49	µg/L	GE
2	Tetrachloroethylene	650	µg/L	GE
0	Trichloroethylene	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 50	µg/L	GE
1	Tritium	16±0.50	pCi/mL	GE

WELL PRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90
 Depth to water: 29.08 ft (8.86 m) below TOC
 Water elevation: 255.62 ft (77.91 m) msl
 Sp. conductance: 43 µS/cm
 Water evacuated before sampling: 60 gal

Time: 10:50
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.3°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	Lead	4.0	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	Tritium	6.4±0.40	pCi/mL	GE

WELL PSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90
 Depth to water: 56.92 ft (17.35 m) below TOC
 Water elevation: 272.18 ft (82.96 m) msl
 Sp. conductance: 46 µS/cm
 Water evacuated before sampling: 45 gal

Time: 14:15
 pH: 6.4
 Alkalinity: 7 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chromium	< 5.0	µg/L	MT
0	Lead	11	µg/L	MT
0	Gross alpha	0.68±1.7	pCi/L	EM
1	Nonvolatile beta	13±1.6	pCi/L	EM
1	Total activity	1.98E+5		
		±2,200	pCi/mL	EM
2	Tritium	1.99E+5		
		±2,200	pCi/mL	EM

WELL PSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90
 Depth to water: 52.08 ft (15.87 m) below TOC
 Water elevation: 271.62 ft (82.79 m) msl
 Sp. conductance: 220 µS/cm
 Water evacuated before sampling: 37 gal

Time: 13:15
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
2	Chromium	1,170	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Lead	12	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	1.1±2.3	pCi/L	EM
0	Nonvolatile beta	5.1±1.1	pCi/L	EM
1	Total activity	1.09E+5		
		±1,000	pCi/mL	EM
2	Tritium	1.09E+5		
		±1,000	pCi/mL	EM

WELL PSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90
 Depth to water: 48.38 ft (14.75 m) below TOC
 Water elevation: 270.22 ft (82.36 m) msl
 Sp. conductance: 47 µS/cm
 Water evacuated before sampling: 36 gal

Time: 12:40
 pH: 4.9
 Alkalinity: 1 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Chloroform	< 0.40	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
2	Lead	49	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	2.8±2.9	pCi/L	EM
0	Nonvolatile beta	4.8±1.1	pCi/L	EM
1	Total activity	33,600±410	pCi/mL	EM
2	Tritium	33,700±400	pCi/mL	EM

ANALYTICAL RESULTS

WELL PSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90 Time: 12:20
 Depth to water: 43.42 ft (13.23 m) below TOC pH: 5.2
 Water elevation: 288.08 ft (82.02 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 41 µS/cm Water temperature: 22.5°C
 Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Chromium	<5.0	µg/L	MT
2	Lead	127	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	1.4±2.2	pCi/L	EM
0	Nonvolatile beta	3.2±0.94	pCi/L	EM
1	Total activity	21,000±100	pCi/mL	EM
2	Tritium	21,300±100	pCi/mL	EM

WELL PSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90 Time: 15:15
 Depth to water: 48.65 ft (14.83 m) below TOC pH: 5.5
 Water elevation: 270.65 ft (82.50 m) msl Alkalinity: 5 mg/L
 Sp. conductance: 39 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
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Chromium	<5.0	µg/L	MT
2	Lead	98	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	1.7±2.3	pCi/L	EM
0	Nonvolatile beta	1.5±0.79	pCi/L	EM
1	Total activity	27±1.2	pCi/mL	EM

WELL PSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90 Time: 15:00
 Depth to water: 51.60 ft (15.73 m) below TOC pH: 4.8
 Water elevation: 272.60 ft (83.09 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 65 µS/cm Water temperature: 20.2°C
 Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chromium	<5.0	µg/L	MT
2	Lead	33	µg/L	MT
0	Gross alpha	0.57±1.7	pCi/L	EM
0	Nonvolatile beta	6.5±1.2	pCi/L	EM
1	Total activity	1.12E+5 ±1,700	pCi/mL	EM
2	Tritium	1.12E+5 ±1,700	pCi/mL	EM

WELL PSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/90 Time: 14:40
 Depth to water: 57.88 ft (17.67 m) below TOC pH: 5.8
 Water elevation: 272.72 ft (83.13 m) msl Alkalinity: 15 mg/L
 Sp. conductance: 69 µS/cm Water temperature: 21.4°C
 Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Lead	18	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	1.4±2.2	pCi/L	EM
0	Nonvolatile beta	2.9±0.92	pCi/L	EM
1	Total activity	11,400±260	pCi/mL	EM
2	Tritium	11,000±240	pCi/mL	EM

WELL PSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:45
 Depth to water: 19.98 ft (6.09 m) below TOC pH: 4.9
 Water elevation: 199.82 ft (60.84 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 17 µS/cm Water temperature: 20.6°C
 Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Specific conductance	18	µS/cm	GE
0	Chloride	1,300	µg/L	GE
0	Chloride	1,300	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	609	µg/L	GE
0	Sodium	630	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE

WELL PSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:05
 Depth to water: 33.21 ft (10.12 m) below TOC pH: 4.9
 Water elevation: 185.49 ft (59.59 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 21 µS/cm Water temperature: 21.1°C
 Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Chloride	1,400	µg/L	GE
0	Nitrate as nitrogen	710	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	1,020	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE

ANALYTICAL RESULTS

WELL PSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90
 Depth to water: 38.49 ft (11.73 m) below TOC
 Water elevation: 195.51 ft (59.59 m) msl
 Sp. conductance: 15 µS/cm
 Water evacuated before sampling: 9 gal
 The well went dry during purging.

Time: 14:05
 pH: 5.1
 Alkalinity: 2 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	13	µS/cm	GE
0	Chloride	1,100	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Sodium	734	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE

WELL RAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90
 Depth to water: 14.47 ft (4.41 m) below TOC
 Water elevation: 269.13 ft (82.03 m) msl
 Sp. conductance: 86 µS/cm
 Water evacuated before sampling: 57 gal

Time: 13:40
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 21.1°C

WELL RAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90
 Depth to water: 11.61 ft (3.54 m) below TOC
 Water elevation: 268.79 ft (81.62 m) msl
 Sp. conductance: 51 µS/cm
 Water evacuated before sampling: 66 gal

Time: 14:25
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 19.8°C

WELL RAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90
 Depth to water: 11.51 ft (3.51 m) below TOC
 Water elevation: 267.79 ft (81.62 m) msl
 Sp. conductance: 60 µS/cm
 Water evacuated before sampling: 66 gal

Time: 13:00
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 20.0°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	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

WELL RAC 3 collected on 06/08/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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 RAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90
 Depth to water: 11.39 ft (3.47 m) below TOC
 Water elevation: 267.61 ft (81.57 m) msl
 Sp. conductance: 40 µS/cm
 Water evacuated before sampling: 76 gal

Time: 14:10
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 18.6°C

WELL RDB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90
 Depth to water: 10.00 ft (3.05 m) below TOC
 Water elevation: 282.40 ft (86.08 m) msl
 Sp. conductance: 197 µS/cm
 Water evacuated before sampling: 23 gal
 The well went dry during purging.

Time: 13:35
 pH: 6.3
 Alkalinity: 73 mg/L
 Water temperature: 20.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
1	Specific conductance	193	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	35	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	18,000	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	110	µg/L	GE
2	Iron	2,700	µg/L	GE
2	Iron	2,700	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,000	µg/L	GE
2	Manganese	380	µg/L	GE
2	Manganese	420	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	1,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	6,000	µg/L	GE
0	Sulfate	5,100	µg/L	GE
0	Total dissolved solids	104,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	150	µg/L	GE
0	Antimony-125	<55	pCi/L	EM
0	Cerium-144	<137	pCi/L	EM
0	Cesium-134	<19	pCi/L	EM
0	Cesium-137	<21	pCi/L	EM
0	Chromium-51	<171	pCi/L	EM
0	Cobalt-60	<21	pCi/L	EM
0	Gross alpha	<2.0	pCi/L	GE
0	Iodine-131	<24	pCi/L	EM
0	Nonvolatile beta	4.3 ± 3.6	pCi/L	GE
0	Ruthenium-103	<20	pCi/L	EM
0	Ruthenium-106	<186	pCi/L	EM
0	Strontium-89	<1.3 ± 2.9	pCi/L	EM
0	Strontium-89/90	<1.5 ± 4.3	pCi/L	EM
0	Strontium-90	<0.26 ± 3.1	pCi/L	EM
1	Total activity	5.7 ± 1.1	pCi/ml	EM
0	Total radium	1.3 ± 2.1	pCi/L	GE
0	Tritium	3.5 ± 0.30	pCi/ml	GE
0	Zincium-65	<33	pCi/L	EM

ANALYTICAL RESULTS

WELL RDB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90 Time: 10:20
 Depth to water: 10.54 ft (3.21 m) below TOC pH: 6.5
 Water elevation: 282.08 ft (85.97 m) msl Alkalinity: 66 mg/L
 Sp. conductance: 177 µS/cm Water temperature: 20.6°C
 Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
1	Specific conductance	228	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	14,000	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	840	µg/L	GE
0	Lead	11	µg/L	GE
0	Magnesium	2,000	µg/L	GE
2	Manganese	110	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	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,450	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
1	Sulfate	13,100	µg/L	GE
0	Total dissolved solids	140,000	µg/L	GE
1	Total organic carbon	10,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	150	µg/L	GE
0	Antimony-125	<52	pCi/L	EM
0	Cerium-144	<135	pCi/L	EM
0	Cesium-134	<20	pCi/L	EM
0	Cesium-137	<21	pCi/L	EM
0	Chromium-51	<164	pCi/L	EM
0	Cobalt-60	<22	pCi/L	EM
0	Gross alpha	2.0±2.2	pCi/L	GE
0	Iodine-131	<25	pCi/L	EM
0	Nonvolatile beta	5.5±3.6	pCi/L	GE
0	Ruthenium-103	<19	pCi/L	EM
0	Ruthenium-106	<177	pCi/L	EM
1	Strontium-89	5.7±3.6	pCi/L	EM
0	Strontium-89/90	4.0±5.2	pCi/L	EM
0	Strontium-90	-1.8±3.7	pCi/L	EM
1	Total activity	55±1.9	pCi/ml	EM
0	Total radium	2.2±2.3	pCi/L	GE
2	Tritium	59±0.80	pCi/ml	GE
0	Zirconium-95	<30	pCi/L	EM

WELL RDB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90 Time: 9:30
 Depth to water: 13.64 ft (4.16 m) below TOC pH: 6.5
 Water elevation: 280.08 ft (79.27 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 157 µS/cm Water temperature: 19.3°C
 Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
1	Specific conductance	127	µS/cm	GE
1	Arsenic	3.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	22,000	µg/L	GE
0	Chloride	1,300	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	9,500	µg/L	GE
0	Lead	13	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	1,200	µg/L	GE
2	Manganese	330	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE

WELL RDB 3D collected on 06/12/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	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	1,400	µg/L	GE
0	Sulfate	1,100	µg/L	GE
0	Total dissolved solids	77,000	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	Antimony-125	<53	pCi/L	EM
0	Cerium-144	<135	pCi/L	EM
0	Cesium-134	<19	pCi/L	EM
0	Cesium-137	<20	pCi/L	EM
0	Chromium-51	<175	pCi/L	EM
0	Cobalt-60	<20	pCi/L	EM
0	Gross alpha	2.0±2.1	pCi/L	GE
0	Iodine-131	<25	pCi/L	EM
0	Nonvolatile beta	2.8±3.4	pCi/L	GE
0	Ruthenium-103	<19	pCi/L	EM
0	Ruthenium-106	<163	pCi/L	EM
0	Strontium-89	-3.6±2.7	pCi/L	EM
0	Strontium-89/90	-1.3±4.2	pCi/L	EM
1	Strontium-90	2.3±3.1	pCi/L	EM
1	Total activity	33±1.8	pCi/ml	EM
0	Total radium	1.9±2.3	pCi/L	GE
2	Tritium	31±0.80	pCi/ml	GE
0	Zirconium-95	<33	pCi/L	EM

WELL RRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90 Time: 14:40
 Depth to water: 22.01 ft (6.71 m) below TOC pH: 4.7
 Water elevation: 282.39 ft (79.98 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 24 µS/cm Water temperature: 19.9°C
 Water evacuated before sampling: 52 gal

WELL RRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90 Time: 15:30
 Depth to water: 23.27 ft (7.09 m) below TOC pH: 4.3
 Water elevation: 261.23 ft (79.62 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 46 µS/cm Water temperature: 20.0°C
 Water evacuated before sampling: 49 gal

WELL RRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90 Time: 15:00
 Depth to water: 20.02 ft (6.10 m) below TOC pH: 5.0
 Water elevation: 280.08 ft (79.27 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 12 µS/cm Water temperature: 19.6°C
 Water evacuated before sampling: 57 gal

WELL RRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/90 Time: 15:15
 Depth to water: 20.01 ft (6.10 m) below TOC pH: 4.6
 Water elevation: 260.19 ft (79.31 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 16 µS/cm Water temperature: 19.9°C
 Water evacuated before sampling: 57 gal

ANALYTICAL RESULTS

WELL RSA 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 14:00
 Depth to water: 38.30 ft (11.08 m) below TOC pH: 5.0
 Water elevation: 275.00 ft (83.82 m) msl
 Sp. conductance: 28 µS/cm Water temperature: 24.3°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	24	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	23	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
1	Chromium	24	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Lead	14	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	750	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	1.7	µg/L	MT
0	Total organic carbon	1,820	µg/L	MT
1	Total organic halogens	14	µg/L	MT
0	Antimony-125	<47	pCi/L	EM
0	Cerium-144	<136	pCi/L	EM
0	Cesium-134	<19	pCi/L	EM
0	Cesium-137	<19	pCi/L	EM
0	Chromium-51	<209	pCi/L	EM
0	Cobalt-60	<19	pCi/L	EM
0	Gross alpha	4.0 ± 2.0	pCi/L	MT
0	Gross alpha	0.41 ± 0.51	pCi/L	EM
0	Iodine-131	<49	pCi/L	EM
0	Nonvolatile beta	7.1 ± 3.2	pCi/L	MT
0	Nonvolatile beta	1.5 ± 0.94	pCi/L	EM
0	Ruthenium-103	<22	pCi/L	EM
0	Ruthenium-106	<16.7	pCi/L	EM
0	Total radium	2.2 ± 0.40	pCi/L	MT
0	Zirconium-95	<32	pCi/L	EM

WELL RSB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 14:30
 Depth to water: 29.10 ft (8.87 m) below TOC pH: 5.4
 Water elevation: 279.90 ft (85.31 m) msl
 Sp. conductance: 24 µS/cm Water temperature: 23.8°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	28	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	31	µg/L	MT
2	Cadmium	23	µg/L	MT
2	Chromium	33	µg/L	MT
0	Fluoride	<250	µg/L	MT
2	Lead	32	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	1,130	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	0.60	µg/L	MT
0	Total organic carbon	2,270	µg/L	MT
0	Total organic halogens	5.3	µg/L	MT
0	Antimony-125	<52	pCi/L	EM
0	Cerium-144	<129	pCi/L	EM
0	Cesium-134	<19	pCi/L	EM
0	Cesium-137	<19	pCi/L	EM
0	Chromium-51	<213	pCi/L	EM
0	Cobalt-60	<19	pCi/L	EM
2	Gross alpha	53 ± 10	pCi/L	MT
0	Iodine-131	<50	pCi/L	EM
2	Nonvolatile beta	120 ± 40	pCi/L	MT
2	Nonvolatile beta	100 ± 40	pCi/L	MT
0	Ruthenium-103	<20	pCi/L	EM
0	Ruthenium-106	<18.3	pCi/L	EM
0	Zirconium-95	<32	pCi/L	EM

WELL RSD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90 Time: 12:45
 Depth to water: 19.50 ft (5.94 m) below TOC pH: 5.2
 Water elevation: 281.00 ft (85.65 m) msl
 Sp. conductance: 48 µS/cm Water temperature: 21.8°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.7	pH	MT
0	Specific conductance	45	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	40	µg/L	MT
2	Cadmium	5.0	µg/L	MT
1	Chromium	15	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Lead	10	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	2,320	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.80	µg/L	MT
0	Total organic carbon	1,540	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Antimony-125	<50	pCi/L	EM
0	Cerium-144	<146	pCi/L	EM
0	Cesium-134	<19	pCi/L	EM
0	Cesium-137	<19	pCi/L	EM
0	Chromium-51	<221	pCi/L	EM
0	Cobalt-60	<21	pCi/L	EM
0	Gross alpha	3.7 ± 2.0	pCi/L	MT
0	Gross alpha	3.3 ± 1.9	pCi/L	MT
0	Gross alpha	0.31 ± 0.55	pCi/L	EM
0	Iodine-131	<50	pCi/L	EM
1	Nonvolatile beta	36 ± 5.0	pCi/L	MT
1	Nonvolatile beta	31 ± 4.0	pCi/L	MT
1	Nonvolatile beta	34 ± 4.8	pCi/L	EM
0	Ruthenium-103	<21	pCi/L	EM
0	Ruthenium-106	<14.7	pCi/L	EM
0	Total radium	2.2 ± 0.40	pCi/L	MT
0	Zirconium-95	<34	pCi/L	EM

WELL RSD 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:50
 Depth to water: 19.00 ft (5.79 m) below TOC pH: 6.1
 Water elevation: 282.20 ft (86.02 m) msl
 Sp. conductance: 32 µS/cm Water temperature: 22.6°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.61 ± 0.60	pCi/L	EM
2	Nonvolatile beta	175 ± 20	pCi/L	EM

WELL RSD 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:40
 The well was dry.

ANALYTICAL RESULTS

WELL RSD 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:42
 Depth to water: 19.80 ft (6.04 m) below TOC pH: 5.2
 Water elevation: 281.90 ft (86.92 m) msl
 Sp. conductance: 59 μ S/cm Water temperature: 22.4°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	3.4 ± 1.8	pCi/L	EM
2	Nonvolatile beta	1,800 ± 240	pCi/L	EM

WELL RSD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 11:00
 Depth to water: 23.50 ft (7.16 m) below TOC pH: 5.3
 Water elevation: 277.30 ft (84.52 m) msl
 Sp. conductance: 38 μ S/cm Water temperature: 23.0°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.98 ± 0.55	pCi/L	EM
0	Nonvolatile beta	8.6 ± 2.1	pCi/L	EM

WELL RSD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:10
 Depth to water: 17.50 ft (5.33 m) below TOC pH: 5.2
 Water elevation: 284.10 ft (86.59 m) msl
 Sp. conductance: 26 μ S/cm Water temperature: 21.1°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.3 ± 0.89	pCi/L	EM
2	Nonvolatile beta	113 ± 20	pCi/L	EM

WELL RSD 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:15
 Depth to water: 19.00 ft (5.79 m) below TOC pH: 5.4
 Water elevation: 282.70 ft (86.17 m) msl
 Sp. conductance: 33 μ S/cm Water temperature: 20.6°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.41 ± 0.58	pCi/L	EM
2	Nonvolatile beta	205 ± 30	pCi/L	EM

WELL RSD 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:20
 Depth to water: 19.80 ft (6.04 m) below TOC pH: 5.6
 Water elevation: 282.30 ft (86.05 m) msl
 Sp. conductance: 42 μ S/cm Water temperature: 20.3°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.84 ± 0.61	pCi/L	EM
2	Nonvolatile beta	88 ± 10	pCi/L	EM

WELL RSD 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:25
 Depth to water: 12.00 ft (3.66 m) below TOC pH: 5.8
 Water elevation: 281.40 ft (86.77 m) msl
 Sp. conductance: 23 μ S/cm Water temperature: 20.8°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.3 ± 0.68	pCi/L	EM
2	Nonvolatile beta	57 ± 8.6	pCi/L	EM

WELL RSD 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:30
 Depth to water: 11.00 ft (3.35 m) below TOC pH: 5.7
 Water elevation: 282.00 ft (86.95 m) msl
 Sp. conductance: 35 μ S/cm Water temperature: 21.0°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.5 ± 1.1	pCi/L	EM
2	Nonvolatile beta	510 ± 70	pCi/L	EM

WELL RSD 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 9:40
 Depth to water: 10.50 ft (3.20 m) below TOC pH: 5.0
 Water elevation: 282.10 ft (86.99 m) msl
 Sp. conductance: 33 μ S/cm Water temperature: 22.1°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.44 ± 0.38	pCi/L	EM
0	Nonvolatile beta	3.1 ± 1.3	pCi/L	EM

ANALYTICAL RESULTS

WELL RSD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 9:35
 Depth to water: 10.50 ft (3.20 m) below TOC pH: 5.0
 Water elevation: 282.00 ft (85.95 m) msl
 Sp. conductance: 28 µS/cm Water temperature: 21.5°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.3±0.84	pCi/L	EM
1	Nonvolatile beta	41±6.5	pCi/L	EM

WELL RSD 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 9:30
 Depth to water: 10.00 ft (3.05 m) below TOC pH: 5.1
 Water elevation: 282.30 ft (86.05 m) msl
 Sp. conductance: 32 µS/cm Water temperature: 22.4°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.2±0.61	pCi/L	EM
1	Nonvolatile beta	15±3.0	pCi/L	EM

WELL RSE 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 10:00
 Depth to water: 25.00 ft (7.62 m) below TOC pH: 7.0
 Water elevation: 279.20 ft (85.10 m) msl
 Sp. conductance: 29 µS/cm Water temperature: 22.5°C
 No water was evacuated before sampling

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.66±0.46	pCi/L	EM
1	Nonvolatile beta	16±3.1	pCi/L	EM

WELL RSE 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 10:10
 Depth to water: 25.00 ft (7.62 m) below TOC pH: 6.6
 Water elevation: 278.30 ft (84.83 m) msl
 Sp. conductance: 24 µS/cm Water temperature: 21.7°C
 No water was evacuated before sampling

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.34±0.34	pCi/L	EM
0	Nonvolatile beta	6.5±1.8	pCi/L	EM

WELL RSE 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90 Time: 10:20
 Depth to water: 27.50 ft (8.38 m) below TOC pH: 6.3
 Water elevation: 275.80 ft (84.06 m) msl
 Sp. conductance: 21 µS/cm Water temperature: 21.3°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.27±0.31	pCi/L	EM
0	Nonvolatile beta	2.2±1.1	pCi/L	EM

WELL RSE 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 11:05
 Depth to water: 24.00 ft (7.32 m) below TOC pH: 5.0
 Water elevation: 278.50 ft (84.89 m) msl
 Sp. conductance: 28 µS/cm Water temperature: 22.4°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.61±0.43	pCi/L	EM
0	Nonvolatile beta	2.2±1.1	pCi/L	EM

WELL RSE 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:35
 Depth to water: 20.00 ft (6.10 m) below TOC pH: 5.3
 Water elevation: 281.60 ft (85.65 m) msl
 Sp. conductance: 48 µS/cm Water temperature: 21.2°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.7±0.72	pCi/L	EM
0	Nonvolatile beta	7.7±2.0	pCi/L	EM

WELL RSE 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 9:55
 Depth to water: 22.50 ft (6.86 m) below TOC pH: 5.4
 Water elevation: 282.10 ft (85.99 m) msl
 Sp. conductance: 35 µS/cm Water temperature: 21.6°C
 Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.5±0.68	pCi/L	EM
1	Nonvolatile beta	2.7±1.7	pCi/L	EM

WELL RSE 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90 Time: 10:00
 The well was dry

ANALYTICAL RESULTS

WELL RSE 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 Depth to water: 22.40 ft (6.83 m) below TOC
 Water elevation: 282.30 ft (86.05 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 1 gal

Time: 10:05
 pH: 6.0
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.86±0.62	pCi/L	EM
2	Nonvolatile beta	134±20	pCi/L	EM

WELL RSE 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 Depth to water: 25.00 ft (7.62 m) below TOC
 Water elevation: 281.00 ft (85.65 m) msl
 Sp. conductance: 37 µS/cm
 No water was evacuated before sampling.

Time: 11:10
 pH: 5.5
 Water temperature: 23.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.50±0.43	pCi/L	EM
1	Nonvolatile beta	16±3.2	pCi/L	EM

WELL RSE 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 Sp. conductance: 56 µS/cm
 The well was dry.

Time: 11:00
 Water temperature: 21.2°C

WELL RSE 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 27.80 ft (8.47 m) below TOC
 Water elevation: 274.60 ft (83.70 m) msl
 Sp. conductance: 46 µS/cm
 Water evacuated before sampling: 1 gal

Time: 11:10
 pH: 5.5
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.64±0.45	pCi/L	EM
0	Nonvolatile beta	3.2±1.3	pCi/L	EM

WELL RSE 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 25.80 ft (7.86 m) below TOC
 Water elevation: 276.40 ft (84.25 m) msl
 Sp. conductance: 55 µS/cm
 Water evacuated before sampling: 1 gal

Time: 11:25
 pH: 5.4
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.6±0.68	pCi/L	EM
0	Nonvolatile beta	2.9±1.2	pCi/L	EM

WELL RSE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 31.10 ft (9.48 m) below TOC
 Water elevation: 274.90 ft (83.79 m) msl
 Sp. conductance: 42 µS/cm
 No water was evacuated before sampling.

Time: 13:35
 pH: 5.3
 Water temperature: 25.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	MT
0	Specific conductance	40	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	9.0	µg/L	MT
2	Cadmium	59	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Lead	7.1	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	1,730	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Total organic carbon	2,410	µg/L	MT
1	Total organic halogens	11	µg/L	MT
1	Gross alpha	5.2±2.2	pCi/L	MT
0	Gross alpha	1.6±0.89	pCi/L	EM
0	Nonvolatile beta	7.5±3.2	pCi/L	MT
0	Nonvolatile beta	2.4±1.1	pCi/L	EM
0	Total radium	2.1±0.40	pCi/L	MT

WELL RSE 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 29.90 ft (9.11 m) below TOC
 Water elevation: 274.80 ft (83.76 m) msl
 Sp. conductance: 37 µS/cm
 No water was evacuated before sampling.

Time: 13:20
 pH: 5.0
 Water temperature: 25.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	34	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	27	µg/L	MT
2	Cadmium	43	µg/L	MT
1	Chromium	6.9	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Lead	3.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	1,050	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Total organic carbon	5,790	µg/L	MT
2	Total organic halogens	61	µg/L	MT
2	Gross alpha	19±4.0	pCi/L	MT
1	Gross alpha	8.3±2.9	pCi/L	MT
0	Gross alpha	0.71±0.47	pCi/L	EM
1	Nonvolatile beta	25±4.0	pCi/L	MT
0	Nonvolatile beta	4.5±1.5	pCi/L	EM
2	Total radium	5.0±0.50	pCi/L	MT

WELL RSE 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 32.00 ft (9.75 m) below TOC
 Water elevation: 271.80 ft (82.85 m) msl
 Sp. conductance: 54 µS/cm
 Water evacuated before sampling: 1 gal

Time: 10:45
 pH: 5.4
 Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.7±0.88	pCi/L	EM
2	Nonvolatile beta	458±60	pCi/L	EM

ANALYTICAL RESULTS

WELL RSE 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 30.00 ft (9.14 m) below TOC
 Water elevation: 275.80 ft (84.06 m) msl
 Sp. conductance: 49 µS/cm
 No water was evacuated before sampling.

Time: 10:55
 pH: 4.9
 Water temperature: 24.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.7±0.80	pCi/L	EM
2	Nonvolatile beta	130±20	pCi/L	EM

WELL RSE 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 Depth to water: 17.00 ft (5.18 m) below TOC
 Water elevation: 284.20 ft (86.63 m) msl
 Sp. conductance: 42 µS/cm
 Water evacuated before sampling: 1 gal

Time: 9:50
 pH: 5.8
 Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.0±0.86	pCi/L	EM
2	Nonvolatile beta	127±20	pCi/L	EM

WELL RSE 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 31.50 ft (9.60 m) below TOC
 Water elevation: 275.60 ft (84.00 m) msl
 Sp. conductance: 73 µS/cm
 Water evacuated before sampling: 1 gal

Time: 10:30
 pH: 6.7
 Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.38±0.37	pCi/L	EM
0	Nonvolatile beta	2.7±1.2	pCi/L	EM

WELL RSE 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/90
 Depth to water: 29.00 ft (8.84 m) below TOC
 Water elevation: 275.80 ft (84.06 m) msl
 Sp. conductance: 65 µS/cm
 Water evacuated before sampling: 1 gal

Time: 10:40
 pH: 6.3
 Water temperature: 21.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.3±0.86	pCi/L	EM
1	Nonvolatile beta	34±5.5	pCi/L	EM

WELL RSE 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90
 Depth to water: 18.82 ft (5.74 m) below TOC
 Water elevation: 275.28 ft (83.91 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 98 gal

Time: 13:25
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 21.0°C

WELL RSE 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90
 Depth to water: 22.98 ft (7.00 m) below TOC
 Water elevation: 270.94 ft (82.58 m) msl
 Sp. conductance: 73 µS/cm
 Water evacuated before sampling: 87 gal

Time: 12:35
 pH: 5.2
 Alkalinity: 5 mg/L
 Water temperature: 21.4°C

WELL RSF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90
 Depth to water: 29.37 ft (8.95 m) below TOC
 Water elevation: 273.73 ft (83.43 m) msl
 Sp. conductance: 122 µS/cm
 Water evacuated before sampling: 117 gal

Time: 17:00
 pH: 10.0
 Alkalinity: 38 mg/L
 Water temperature: 21.3°C

WELL RSF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90
 Depth to water: 28.42 ft (8.66 m) below TOC
 Water elevation: 274.38 ft (83.63 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 129 gal

Time: 16:20
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 20.5°C

WELL RSF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/90
 Depth to water: 31.91 ft (9.73 m) below TOC
 Water elevation: 275.19 ft (83.88 m) msl
 Sp. conductance: 41 µS/cm
 Water evacuated before sampling: 118 gal

Time: 16:00
 pH: 5.8
 Alkalinity: 10 mg/L
 Water temperature: 23.5°C

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/90
 Depth to water: 177.74 ft (54.18 m) below TOC
 Water elevation: 186.96 ft (56.99 m) msl
 Sp. conductance: 141 µS/cm
 The well was continuously pumping.

Time: 8:30
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 17.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
2	Tetrachloroethylene	30,000	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Trichloroethylene	64,200	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 171.14 ft (52.18 m) below TOC
 Water elevation: 193.56 ft (59.00 m) msl
 Sp. conductance: 144 µS/cm
 The well was continuously pumping.

Time: 18:00
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 500	µg/L	MA
2	Tetrachloroethylene	20,100	µg/L	MA
0	trans-1,2-Dichloroethene	< 500	µg/L	MA
2	Trichloroethylene	41,800	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: 05/12/90
 Depth to water: 171.14 ft (52.16 m) below TOC
 Water elevation: 193.56 ft (59.00 m) msl
 Sp. conductance: 144 µS/cm
 The well was continuously pumping.

Time: 18:25
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
1	Specific conductance	140	µS/cm	GE
1	Aluminum	277	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
1	Barium	54	µg/L	GE
0	Benzene	< 100	µg/L	GE
0	Bromodichloromethane	< 100	µg/L	GE
0	Bromoform	< 100	µg/L	GE
0	Bromomethane (Methyl bromide)	< 100	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 100	µg/L	GE
0	Chloride	3,100	µg/L	GE
0	Chlorobenzene	< 100	µg/L	GE
0	Chloroethane	< 100	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 100	µg/L	GE
0	Chloroform	< 100	µg/L	GE
0	Chloromethane (Methyl chloride)	< 100	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 100	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 100	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 100	µg/L	GE
0	Ethylbenzene	< 100	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Mercury	0.26	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
2	Nitrate as nitrogen	14,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
1	Sodium	5,830	µg/L	GE
0	Sulfate	1,700	µg/L	GE
2	Tetrachloroethylene	26,100	µg/L	GE
0	Toluene	< 100	µg/L	GE
0	Total phosphates	< 50	µg/L	GE
0	trans-1,2-Dichloroethene	< 100	µg/L	GE
0	trans-1,3-Dichloropropene	< 100	µg/L	GE
2	Trichloroethylene	45,300	µg/L	GE
0	Trichlorofluoromethane	< 100	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	35	µg/L	GE
0	1,1-Dichloroethane	< 100	µg/L	GE
0	1,1-Dichloroethylene	< 100	µg/L	GE
0	1,1,1-Trichloroethane	< 100	µg/L	GE
0	1,1,2-Trichloroethane	< 100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 100	µg/L	GE
0	1,2-Dichloroethane	< 100	µg/L	GE
0	1,2-Dichloropropane	< 100	µg/L	GE
0	2-Chloroethyl vinyl ether	< 100	µg/L	GE

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90
 Depth to water: 167.93 ft (51.18 m) below TOC
 Water elevation: 196.77 ft (59.98 m) msl
 Sp. conductance: 150 µS/cm
 The well was continuously pumping.

Time: 13:05
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 500	µg/L	MA
2	Tetrachloroethylene	20,500	µg/L	MA
0	trans-1,2-Dichloroethene	< 500	µg/L	MA
2	Trichloroethylene	41,100	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: 04/12/90
 Depth to water: 208.52 ft (62.95 m) below TOC
 Water elevation: 184.78 ft (56.23 m) msl
 Sp. conductance: 83 µS/cm
 The well was continuously pumping.

Time: 9:50
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 17.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 500	µg/L	MA
2	Tetrachloroethylene	10,500	µg/L	MA
0	trans-1,2-Dichloroethene	< 500	µg/L	MA
2	Trichloroethylene	29,800	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: 05/11/90
 Depth to water: 201.43 ft (61.40 m) below TOC
 Water elevation: 189.87 ft (57.78 m) msl
 Sp. conductance: 66 µS/cm
 The well was continuously pumping.

Time: 11:40
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 20.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 500	µg/L	MA
2	Tetrachloroethylene	9,100	µg/L	MA
0	trans-1,2-Dichloroethene	< 500	µg/L	MA
2	Trichloroethylene	27,100	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: 06/13/90
 Depth to water: 204.92 ft (62.46 m) below TOC
 Water elevation: 186.38 ft (56.71 m) msl
 Sp. conductance: 74 µS/cm
 The well was continuously pumping.

Time: 14:05
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 500	µg/L	MA
2	Tetrachloroethylene	9,100	µg/L	MA
0	trans-1,2-Dichloroethene	< 500	µg/L	MA
2	Trichloroethylene	27,800	µg/L	MA
0	1,1-Dichloroethylene	< 500	µg/L	MA
0	1,1,1-Trichloroethane	< 500	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/90
 Depth to water: 188.77 ft (51.44 m) below TOC
 Water elevation: 208.23 ft (63.47 m) msl
 Sp. conductance: 78 µS/cm
 The well was continuously pumping.

Time: 9:40
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 18.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 500	µg/L	MA
2	Tetrachloroethylene	4,790	µg/L	MA
0	trans-1,2-Dichloroethene	< 500	µg/L	MA
2	Trichloroethylene	22,500	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: 05/11/90
 Depth to water: 185.04 ft (50.30 m) below TOC
 Water elevation: 211.98 ft (64.61 m) msl
 Sp. conductance: 78 µS/cm
 The well was continuously pumping.

Time: 11:25
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	2.7	µg/L	MT
0	Carbon tetrachloride	< 2,000	µg/L	GE
1	Chloroform	3.3	µg/L	MT
0	Chloroform	< 2,000	µg/L	GE
0	Chloroform	< 500	µg/L	MA
2	Tetrachloroethylene	16,000	µg/L	MT
0	Tetrachloroethylene	< 2,000	µg/L	GE
2	Tetrachloroethylene	4,130	µg/L	MA
0	trans-1,2-Dichloroethene	< 500	µg/L	MA
2	Trichloroethylene	54,000	µg/L	MT
2	Trichloroethylene	22,200	µg/L	GE
2	Trichloroethylene	21,100	µg/L	MA
0	1,1-Dichloroethylene	< 500	µg/L	MA
1	1,1,1-Trichloroethane	1.8	µg/L	MT
0	1,1,1-Trichloroethane	< 2,000	µg/L	GE
0	1,1,1-Trichloroethane	< 500	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 185.04 ft (50.30 m) below TOC
 Water elevation: 211.98 ft (64.61 m) msl
 Sp. conductance: 78 µS/cm
 The well was continuously pumping.

Time: 11:25
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 250	µg/L	MA
2	Tetrachloroethylene	1,050	µg/L	MA
0	trans-1,2-Dichloroethene	< 250	µg/L	MA
2	Trichloroethylene	21,600	µg/L	MA
0	1,1-Dichloroethylene	< 250	µg/L	MA
0	1,1,1-Trichloroethane	< 250	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/90
 Depth to water: 187.18 ft (50.95 m) below TOC
 Water elevation: 209.84 ft (63.96 m) msl
 Sp. conductance: 82 µS/cm
 The well was continuously pumping.

Time: 13:55
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 500	µg/L	MA
2	Tetrachloroethylene	4,130	µg/L	MA
0	trans-1,2-Dichloroethene	< 500	µg/L	MA
2	Trichloroethylene	18,500	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: 04/12/90
 Depth to water: 158.33 ft (48.28 m) below TOC
 Water elevation: 208.17 ft (63.45 m) msl
 Sp. conductance: 20 µS/cm
 The well was continuously pumping.

Time: 8:20
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 17.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 100	µg/L	MA
2	Tetrachloroethylene	500	µg/L	MA
0	trans-1,2-Dichloroethene	< 100	µg/L	MA
2	Trichloroethylene	7,180	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: 05/11/90
 Depth to water: 158.04 ft (47.56 m) below TOC
 Water elevation: 210.48 ft (64.15 m) msl
 Sp. conductance: 24 µS/cm
 The well was continuously pumping.

Time: 16:15
 pH: 5.2
 Alkalinity: 0 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 100	µg/L	MA
2	Tetrachloroethylene	804	µg/L	MA
0	trans-1,2-Dichloroethene	< 100	µg/L	MA
2	Trichloroethylene	6,120	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
 Depth to water: 158.55 ft (47.72 m) below TOC
 Water elevation: 209.95 ft (63.99 m) msl
 Sp. conductance: 25 µS/cm
 The well was continuously pumping.

Time: 12:55
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 100	µg/L	MA
2	Tetrachloroethylene	856	µg/L	MA
0	trans-1,2-Dichloroethene	< 100	µg/L	MA
2	Trichloroethylene	7,460	µg/L	MA
0	1,1-Dichloroethylene	< 100	µg/L	MA
0	1,1,1-Trichloroethane	< 100	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/90
 Depth to water: 184.85 ft (47.14 m) below TOC
 Water elevation: 212.25 ft (64.69 m) msl
 Sp. conductance: 33 µS/cm
 The well was continuously pumping.

Time: 10:00
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 17.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 20	µg/L	MA
2	Tetrachloroethylene	1,360	µg/L	MA
0	trans-1,2-Dichloroethene	< 20	µg/L	MA
2	Trichloroethylene	1,780	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: 05/11/90
 Depth to water: 153.55 ft (46.80 m) below TOC
 Water elevation: 213.35 ft (65.03 m) msl
 Sp. conductance: 34 µS/cm
 The well was continuously pumping.

Time: 11:50
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 20.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 20	µg/L	MA
2	Tetrachloroethylene	1,810	µg/L	MA
0	trans-1,2-Dichloroethene	< 20	µg/L	MA
2	Trichloroethylene	2,080	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
 Depth to water: 154.85 ft (47.20 m) below TOC
 Water elevation: 212.05 ft (64.63 m) msl
 Sp. conductance: 38 µS/cm
 The well was continuously pumping.

Time: 14:25
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 20	µg/L	MA
0	Chloroform	< 20	µg/L	MA
2	Tetrachloroethylene	1,190	µg/L	MA
2	Tetrachloroethylene	1,310	µg/L	MA
0	trans-1,2-Dichloroethene	< 20	µg/L	MA
0	trans-1,2-Dichloroethene	< 20	µg/L	MA
2	Trichloroethylene	1,730	µg/L	MA
2	Trichloroethylene	1,900	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: 04/12/90
 Depth to water: 172.43 ft (52.56 m) below TOC
 Water elevation: 176.67 ft (53.85 m) msl
 Sp. conductance: 30 µS/cm
 The well was continuously pumping.

Time: 8:55
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 17.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 250	µg/L	MA
2	Tetrachloroethylene	5,310	µg/L	MA
0	trans-1,2-Dichloroethene	< 250	µg/L	MA
2	Trichloroethylene	11,400	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: 05/11/90
 Depth to water: 164.84 ft (50.18 m) below TOC
 Water elevation: 184.48 ft (56.22 m) msl
 Sp. conductance: 34 µS/cm
 The well was continuously pumping.

Time: 16:10
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 250	µg/L	MA
2	Tetrachloroethylene	7,080	µg/L	MA
0	trans-1,2-Dichloroethene	< 250	µg/L	MA
2	Trichloroethylene	8,080	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
 Depth to water: 167.34 ft (51.01 m) below TOC
 Water elevation: 181.78 ft (55.40 m) msl
 Sp. conductance: 37 µS/cm
 The well was continuously pumping.

Time: 13:20
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 250	µg/L	MA
2	Tetrachloroethylene	7,140	µg/L	MA
0	trans-1,2-Dichloroethene	< 250	µg/L	MA
2	Trichloroethylene	8,380	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: 04/12/90
 Depth to water: 156.45 ft (47.69 m) below TOC
 Water elevation: 192.55 ft (58.80 m) msl
 Sp. conductance: 78 µS/cm
 The well was continuously pumping.

Time: 9:10
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 17.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 50	µg/L	MA
2	Tetrachloroethylene	5,670	µg/L	MA
0	trans-1,2-Dichloroethene	< 50	µg/L	MA
2	Trichloroethylene	3,880	µg/L	MA
0	1,1-Dichloroethylene	< 50	µg/L	MA
0	1,1,1-Trichloroethane	< 50	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 151.44 ft (46.16 m) below TOC
 Water elevation: 197.56 ft (60.22 m) msl
 Sp. conductance: 80 µS/cm
 The well was continuously pumping.

Time: 15:40
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 50	µg/L	MA
2	Tetrachloroethylene	3,780	µg/L	MA
0	trans-1,2-Dichloroethene	< 50	µg/L	MA
2	Trichloroethylene	3,120	µg/L	MA
0	1,1-Dichloroethylene	< 50	µg/L	MA
0	1,1,1-Trichloroethane	< 50	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90
 Depth to water: 152.75 ft (46.56 m) below TOC
 Water elevation: 106.25 ft (59.82 m) msl
 Sp. conductance: 85 µS/cm
 The well was continuously pumping

Time: 13:30
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 50	µg/L	MA
2	Tetrachloroethylene	4,730	µg/L	MA
0	trans-1,2-Dichloroethene	< 50	µg/L	MA
2	Trichloroethylene	4,220	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: 04/12/90
 Depth to water: 145.44 ft (44.33 m) below TOC
 Water elevation: 202.86 ft (61.83 m) msl
 Sp. conductance: 127 µS/cm
 The well was continuously pumping

Time: 8:10
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 17.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 2.0	µg/L	MA
0	Chloroform	< 2.0	µg/L	MA
2	Tetrachloroethylene	9.7	µg/L	MA
2	Tetrachloroethylene	79	µg/L	MA
1	trans-1,2-Dichloroethene	4.5	µg/L	MA
1	trans-1,2-Dichloroethene	6.3	µg/L	MA
2	Trichloroethylene	196	µg/L	MA
2	Trichloroethylene	239	µg/L	MA
1	1,1-Dichloroethylene	7.7	µg/L	MA
1	1,1-Dichloroethylene	12	µg/L	MA
1	1,1,1-Trichloroethane	5.7	µg/L	MA
1	1,1,1-Trichloroethane	8.4	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 143.85 ft (43.79 m) below TOC
 Water elevation: 204.85 ft (62.38 m) msl
 Sp. conductance: 141 µS/cm
 The well was continuously pumping

Time: 16:05
 pH: 5.3
 Alkalinity: 0 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 2.0	µg/L	MA
2	Tetrachloroethylene	118	µg/L	MA
1	trans-1,2-Dichloroethene	12	µg/L	MA
2	Trichloroethylene	226	µg/L	MA
1	1,1-Dichloroethylene	17	µg/L	MA
1	1,1,1-Trichloroethane	13	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/90
 Depth to water: 144.34 ft (44.00 m) below TOC
 Water elevation: 203.96 ft (62.17 m) msl
 Sp. conductance: 152 µS/cm
 The well was continuously pumping

Time: 12:45
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 2.0	µg/L	MA
2	Tetrachloroethylene	136	µg/L	MA
1	trans-1,2-Dichloroethene	7.3	µg/L	MA
2	Trichloroethylene	282	µg/L	MA
1	1,1-Dichloroethylene	9.0	µg/L	MA
1	1,1,1-Trichloroethane	9.1	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/90
 Depth to water: 187.82 ft (48.10 m) below TOC
 Water elevation: 222.78 ft (67.90 m) msl
 Sp. conductance: 38 µS/cm
 The well was continuously pumping

Time: 9:20
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 17.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 2.5	µg/L	MA
1	Tetrachloroethylene	2.6	µg/L	MA
0	trans-1,2-Dichloroethene	< 2.5	µg/L	MA
2	Trichloroethylene	128	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: 05/11/90
 Depth to water: 158.85 ft (47.81 m) below TOC
 Water elevation: 223.75 ft (68.20 m) msl
 Sp. conductance: 41 µS/cm
 The well was continuously pumping

Time: 15:30
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 2.5	µg/L	MA
0	Chloroform	< 2.5	µg/L	MA
0	Tetrachloroethylene	< 2.5	µg/L	MA
0	Tetrachloroethylene	< 2.5	µg/L	MA
0	trans-1,2-Dichloroethene	< 2.5	µg/L	MA
0	trans-1,2-Dichloroethene	< 2.5	µg/L	MA
2	Trichloroethylene	96	µg/L	MA
2	Trichloroethylene	115	µg/L	MA
0	1,1-Dichloroethylene	< 2.5	µg/L	MA
0	1,1-Dichloroethylene	< 2.5	µg/L	MA
0	1,1,1-Trichloroethane	< 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: 06/13/90
 Depth to water: 156.77 ft (47.78 m) below TOC
 Water elevation: 223.83 ft (68.22 m) msl
 Sp. conductance: 44 µS/cm
 The well was continuously pumping

Time: 13:35
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 21.5°C

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	107	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: 04/12/90
 Depth to water: 185.75 ft (50.52 m) below TOC
 Water elevation: 189.75 ft (57.84 m) msl
 Sp. conductance: 92 µS/cm
 The well was continuously pumping

Time: 8:40
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 16.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 250	µg/L	MA
2	Tetrachloroethylene	6,880	µg/L	MA
0	trans-1,2-Dichloroethene	< 250	µg/L	MA
2	Trichloroethylene	4,700	µg/L	MA
0	1,1-Dichloroethylene	< 250	µg/L	MA
0	1,1,1-Trichloroethane	< 250	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/90
 Depth to water: 159.48 ft (48.60 m) below TOC
 Water elevation: 196.04 ft (59.75 m) msl
 Sp. conductance: 80 µS/cm
 The well was continuously pumping.

Time: 15:50
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 250	µg/L	MA
2	Tetrachloroethylene	7,440	µg/L	MA
0	trans-1,2-Dichloroethene	< 250	µg/L	MA
2	Trichloroethylene	3,620	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
 Depth to water: 181.68 ft (49.27 m) below TOC
 Water elevation: 193.84 ft (59.08 m) msl
 Sp. conductance: 113 µS/cm
 The well was continuously pumping.

Time: 13:10
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 250	µg/L	MA
2	Tetrachloroethylene	5,900	µg/L	MA
0	trans-1,2-Dichloroethene	< 250	µg/L	MA
2	Trichloroethylene	3,280	µg/L	MA
0	1,1-Dichloroethylene	< 250	µg/L	MA
0	1,1,1-Trichloroethane	< 250	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/90
 Depth to water: 170.94 ft (52.10 m) below TOC
 Water elevation: 212.36 ft (64.73 m) msl
 Sp. conductance: 42 µS/cm
 The well was continuously pumping.

Time: 9:30
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 16.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 100	µg/L	MA
2	Tetrachloroethylene	501	µg/L	MA
0	trans-1,2-Dichloroethene	< 100	µg/L	MA
2	Trichloroethylene	5,680	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: 05/11/90
 Depth to water: 188.93 ft (51.49 m) below TOC
 Water elevation: 214.37 ft (65.34 m) msl
 Sp. conductance: 47 µS/cm
 The well was continuously pumping.

Time: 15:20
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 100	µg/L	MA
2	Tetrachloroethylene	424	µg/L	MA
0	trans-1,2-Dichloroethene	< 100	µg/L	MA
2	Trichloroethylene	4,400	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
 Depth to water: 188.84 ft (51.40 m) below TOC
 Water elevation: 214.88 ft (65.43 m) msl
 Sp. conductance: 49 µS/cm
 The well was continuously pumping.

Time: 13:45
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 21.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 100	µg/L	MA
2	Tetrachloroethylene	518	µg/L	MA
0	trans-1,2-Dichloroethene	< 100	µg/L	MA
2	Trichloroethylene	4,080	µg/L	MA
0	1,1-Dichloroethylene	< 100	µg/L	MA
0	1,1,1-Trichloroethane	< 100	µg/L	MA

WELL SBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 28.45 ft (8.66 m) below TOC
 Water elevation: 235.95 ft (71.92 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 118 gal

Time: 12:15
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 24.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.20 ± 0.08	pCi/L	EM
0	Nonvolatile beta	0.59 ± 0.81	pCi/L	EM
2	Tritium	22 ± 1.1	pCi/mL	EM

WELL SBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 54.19 ft (16.52 m) below TOC
 Water elevation: 235.81 ft (71.88 m) msl
 Sp. conductance: 19 µS/cm
 Water evacuated before sampling: 78 gal

Time: 11:05
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.2 ± 0.05	pCi/L	EM
0	Nonvolatile beta	1.3 ± 0.93	pCi/L	EM
1	Tritium	14 ± 0.96	pCi/mL	EM

WELL SBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 50.59 ft (15.42 m) below TOC
 Water elevation: 236.01 ft (71.94 m) msl
 Sp. conductance: 17 µS/cm
 Water evacuated before sampling: 76 gal

Time: 11:25
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	1.6 ± 0.92	pCi/L	EM
0	Nonvolatile beta	3.8 ± 1.2	pCi/L	EM
1	Tritium	14 ± 0.97	pCi/mL	EM

ANALYTICAL RESULTS

WELL SBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: 33.73 ft (10.28 m) below TOC
 Water elevation: 239.37 ft (72.96 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 146 gal

Time: 15:15
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	0.88±0.75	pCi/L	EM
0	Nonvolatile beta	2.0±1.0	pCi/L	EM
2	Tritium	30±1.3	pCi/mL	EM

WELL SBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: 36.63 ft (11.16 m) below TOC
 Water elevation: 247.87 ft (75.55 m) msl
 Sp. conductance: 53 µS/cm
 Water evacuated before sampling: 126 gal

Time: 16:15
 pH: 6.0
 Alkalinity: 14 mg/L
 Water temperature: 21.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Tritium	4.4±0.74	pCi/mL	EM

WELL SBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 39.39 ft (12.01 m) below TOC
 Water elevation: 242.31 ft (73.86 m) msl
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 89 gal

Time: 12:40
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 20.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	2.6±0.98	pCi/L	EM
0	Nonvolatile beta	1.1±0.91	pCi/L	EM
1	Tritium	11±0.88	pCi/mL	EM

WELL SCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90
 Depth to water: 49.25 ft (15.01 m) below TOC
 Sp. conductance: 43 µS/cm
 Water evacuated before sampling: 80 gal

Time: 15:40
 pH: 5.9
 Water temperature: 21.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Chloride	1,200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	420	µg/L	GE
?	Manganese	65	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,090	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,500	µg/L	GE

WELL SCA 1 collected on 06/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	280	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	17±0.50	pCi/mL	GE

WELL SCA 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90
 The well was dry.

Time: 14:15

WELL SCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90
 Depth to water: 49.11 ft (14.97 m) below TOC
 Water elevation: 239.79 ft (73.09 m) msl
 Sp. conductance: 40 µS/cm
 Water evacuated before sampling: 63 gal

Time: 15:25
 pH: 6.2
 Alkalinity: 10 mg/L
 Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Chloride	1,200	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	500	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	620	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	940	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	280	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	16±0.50	pCi/mL	GE

WELL SCA 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90
 The well was dry.

Time: 14:25

ANALYTICAL RESULTS

WELL SLP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 41.52 ft (12.66 m) below TOC
 Water elevation: 243.28 ft (74.15 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 11:50
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 21.0°C

WELL SLP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/90
 Depth to water: 40.78 ft (12.43 m) below TOC
 Water elevation: 243.02 ft (74.07 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 80 gal

Time: 10:40
 pH: 6.2
 Alkalinity: 9 mg/L
 Water temperature: 20.3°C

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 The well was dry.

Time: 16:05

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 108.44 ft (33.05 m) below TOC
 Water elevation: 212.16 ft (64.67 m) msl
 Sp. conductance: 55 µS/cm
 Water evacuated before sampling: 35 gal

Time: 15:40
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 20.2°C

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 116.17 ft (35.41 m) below TOC
 Water elevation: 204.43 ft (62.31 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 301 gal

Time: 15:55
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 21.4°C

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 115.14 ft (35.10 m) below TOC
 Water elevation: 205.46 ft (62.62 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 170 gal

Time: 15:30
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 21.2°C

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 121.04 ft (36.89 m) below TOC
 Water elevation: 211.06 ft (64.33 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 125 gal

Time: 14:55
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 20.4°C

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 The well was dry.

Time: 17:35

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 100.62 ft (30.67 m) below TOC
 Water elevation: 208.78 ft (63.64 m) msl
 Sp. conductance: 50 µS/cm
 Water evacuated before sampling: 37 gal

Time: 17:25
 pH: 5.3
 Alkalinity: 2 mg/L
 Water temperature: 21.8°C

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 98.16 ft (29.92 m) below TOC
 Water elevation: 209.54 ft (63.87 m) msl
 Sp. conductance: 35 µS/cm
 Water evacuated before sampling: 44 gal

Time: 16:15
 pH: 5.4
 Alkalinity: 1 mg/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
1	Trichloroethylene	2.1	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
1	1,1,1-Trichloroethane	3.2	µg/L	MA

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 90.84 ft (27.69 m) below TOC
 Water elevation: 208.26 ft (63.48 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 2 gal
 The well went dry during purging.

Time: 9:35
 pH: 5.5
 Alkalinity: 5 mg/L
 Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
1	Tetrachloroethylene	1.1	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
2	Trichloroethylene	3.5	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
1	1,1,1-Trichloroethane	5.2	µg/L	MA

ANALYTICAL RESULTS

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 82.02 ft (25.00 m) below TOC
 Water elevation: 208.08 ft (62.81 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 27 gal

Time: 12:25
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
0	Tetrachloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
2	Trichloroethylene	2.5	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 57.10 ft (17.40 m) below TOC
 Water elevation: 198.30 ft (59.83 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 79 gal

Time: 13:45
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 21.5°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
2	Trichloroethylene	3.6	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 56.97 ft (17.36 m) below TOC
 Water elevation: 196.33 ft (59.84 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 213 gal

Time: 13:50
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 21.6°C

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 56.09 ft (17.10 m) below TOC
 Water elevation: 197.31 ft (60.14 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 135 gal

Time: 13:35
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 20.6°C

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 26 µS/cm
 Water evacuated before sampling: 35 gal

Time: 16:35
 pH: 5.2
 Alkalinity: 1 mg/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

WELL SRW 10 collected on 05/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Trichloroethylene	1.4	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
1	1,1,1-Trichloroethane	1.5	µg/L	MA

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 87.88 ft (26.79 m) below TOC
 Water elevation: 207.92 ft (63.37 m) msl
 Sp. conductance: 24 µS/cm
 Water evacuated before sampling: 45 gal

Time: 17:05
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 21.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
1	Tetrachloroethylene	3.8	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
2	Trichloroethylene	6.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
1	1,1,1-Trichloroethane	10	µg/L	MA

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 44.48 ft (13.56 m) below TOC
 Water elevation: 191.92 ft (58.47 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 229 gal

Time: 13:00
 pH: 4.9
 Alkalinity: 0 mg/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 SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 49.55 ft (15.10 m) below TOC
 Water elevation: 186.75 ft (56.92 m) msl
 Sp. conductance: 16 µS/cm
 Water evacuated before sampling: 105 gal

Time: 12:50
 pH: 5.6
 Alkalinity: 2 mg/L
 Water temperature: 21.5°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

ANALYTICAL RESULTS

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 43.18 ft (13.16 m) below TOC
 Water elevation: 193.12 ft (58.86 m) msl
 Sp. conductance: 17 µS/cm
 Water evacuated before sampling: 36 gal

Time: 13:10
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
1	Chloroform	B 2.2	µg/L	MT
1	Chloroform	2.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
1	Trichloroethylene	1.4	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
1	Trichloroethylene	1.3	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 43.18 ft (13.16 m) below TOC
 Water elevation: 193.12 ft (58.86 m) msl
 Sp. conductance: 17 µS/cm
 Water evacuated before sampling: 36 gal

Time: 13:10
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.9°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
1	Trichloroethylene	1.6	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 98.53 ft (30.03 m) below TOC
 Water elevation: 199.17 ft (60.71 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 292 gal

Time: 12:10
 pH: 5.0
 Alkalinity: 1 mg/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

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 98.84 ft (29.92 m) below TOC
 Water elevation: 200.88 ft (61.22 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 124 gal

Time: 11:45
 pH: 5.1
 Alkalinity: 1 mg/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 SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 90.98 ft (27.73 m) below TOC
 Water elevation: 206.72 ft (63.01 m) msl
 Sp. conductance: 26 µS/cm
 Water evacuated before sampling: 28 gal

Time: 11:55
 pH: 5.4
 Alkalinity: 2 mg/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

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 126.01 ft (38.41 m) below TOC
 Water elevation: 200.99 ft (61.26 m) msl
 Sp. conductance: 26 µS/cm
 Water evacuated before sampling: 226 gal

Time: 11:10
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.7°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 0.40	µg/L	MT
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	14	µg/L	MT
2	Trichloroethylene	15	µg/L	GE
2	Trichloroethylene	16	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

ANALYTICAL RESULTS

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 128.01 ft (38.41 m) below TOC
 Water elevation: 200.99 ft (61.26 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 226 gal

Time: 11:10
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.7°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
2	Trichloroethylene	8.1	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 124.11 ft (37.83 m) below TOC
 Water elevation: 202.79 ft (61.81 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 129 gal

Time: 10:55
 pH: 5.0
 Alkalinity: 2 mg/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
1	Trichloroethylene	1.6	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 19 µS/cm
 Water evacuated before sampling: 69 gal

Time: 11:05
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.4°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 SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 111.95 ft (34.12 m) below TOC
 Water elevation: 207.15 ft (63.14 m) msl
 Sp. conductance: 26 µS/cm
 Water evacuated before sampling: 284 gal

Time: 10:25
 pH: 5.7
 Alkalinity: 2 mg/L
 Water temperature: 20.0°C

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 111.90 ft (34.11 m) below TOC
 Water elevation: 207.20 ft (63.16 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 164 gal

Time: 10:10
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 20.3°C

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 108.80 ft (33.19 m) below TOC
 Water elevation: 210.20 ft (64.07 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 63 gal

Time: 10:20
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 20.5°C

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/90
 Depth to water: 135.00 ft (41.15 m) below TOC
 Water elevation: 211.80 ft (64.56 m) msl
 Sp. conductance: 82 µS/cm
 Water evacuated before sampling: 27 gal
 The well went dry during purging.

Time: 9:15
 pH: 6.6
 Alkalinity: 35 mg/L
 Water temperature: 18.8°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
1	Trichloroethylene	1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
1	1,1,1-Trichloroethane	2.8	µg/L	MA

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 134.44 ft (40.98 m) below TOC
 Water elevation: 212.36 ft (64.73 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 136 gal

Time: 18:05
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 20.0°C

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/90
 Depth to water: 133.60 ft (40.72 m) below TOC
 Water elevation: 213.00 ft (64.92 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 19 gal

Time: 17:50
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 20.5°C

WELL SSS 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90
 Depth to water: 38.51 ft (11.74 m) below TOC
 Water elevation: 156.39 ft (47.67 m) msl
 Sp. conductance: 77 µS/cm
 Water evacuated before sampling: 2 gal

Time: 14:50
 pH: 5.8
 Alkalinity: 7 mg/L
 Water temperature: 21.5°C

ANALYTICAL RESULTS

WELL SSS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
 Depth to water: 14.92 ft (4.55 m) below TOC
 Water elevation: 150.18 ft (45.78 m) msl
 Sp. conductance: 70 µS/cm
 Water evacuated before sampling: 6 gal

Time: 15:40
 pH: 5.8
 Alkalinity: 7 mg/L
 Water temperature: 22.0°C

WELL SSS 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
 Depth to water: 13.85 ft (4.22 m) below TOC
 Water elevation: 149.75 ft (45.64 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 3 gal

Time: 15:15
 pH: 4.5
 Alkalinity: 0 mg/L
 Water temperature: 22.0°C

WELL SSS 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90
 The well was dry.

Time: 13:25

WELL SSS 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90
 Depth to water: 52.64 ft (16.04 m) below TOC
 Water elevation: 187.36 ft (57.11 m) msl
 Sp. conductance: 35 µS/cm
 Water evacuated before sampling: 1 gal
 The well went dry during purging.

Time: 16:35
 pH: 5.3
 Alkalinity: 6 mg/L
 Water temperature: 21.9°C

WELL SSS 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90
 The well was dry.

Time: 13:05

WELL SSS 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90
 Depth to water: 64.37 ft (19.62 m) below TOC
 Water elevation: 162.23 ft (49.45 m) msl
 Sp. conductance: 73 µS/cm
 Water evacuated before sampling: 2 gal

Time: 14:50
 pH: 5.3
 Alkalinity: 10 mg/L
 Water temperature: 22.0°C

WELL SSS 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90
 Depth to water: 49.76 ft (15.17 m) below TOC
 Water elevation: 151.44 ft (46.16 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 2 gal

Time: 15:50
 pH: 4.7
 Alkalinity: 1 mg/L
 Water temperature: 21.9°C

WELL SSS 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/90
 Depth to water: 49.72 ft (15.15 m) below TOC
 Water elevation: 153.56 ft (46.81 m) msl
 Sp. conductance: 73 µS/cm
 Water evacuated before sampling: 5 gal

Time: 15:25
 pH: 5.2
 Alkalinity: 5 mg/L
 Water temperature: 23.0°C

WELL SSS 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
 Depth to water: 75.53 ft (23.02 m) below TOC
 Water elevation: 236.07 ft (71.96 m) msl
 Sp. conductance: 153 µS/cm
 Water evacuated before sampling: 2 gal

Time: 11:00
 pH: 5.1
 Alkalinity: 2 mg/L
 Water temperature: 22.0°C

WELL SSS 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
 The well was dry.

Time: 11:20

WELL SSS 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/90
 The well was dry.

Time: 11:30

WELL SSS 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/90
 Depth to water: 24.81 ft (7.50 m) below TOC
 Water elevation: 198.09 ft (60.36 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 7 gal

Time: 12:20
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Chloride	2,300	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Nitrite as nitrogen	< 10.0	µg/L	GE
0	Sodium	1,060	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE

WELL SSS 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/90
 The well was dry.

Time: 13:35

ANALYTICAL RESULTS

WELL SSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 18:50
 Depth to water: 75.15 ft (22.91 m) below TOC pH: 5.2
 Water elevation: 177.85 ft (54.21 m) msl Alkalinity: 2 mg/L
 Sp. conductance: 34 µS/cm Water temperature: 21.6°C
 Water evacuated before sampling: 1 gal
 The well went dry during purging.

WELL SSS 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 13:55
 The well was dry.

WELL SSS 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90 Time: 12:30
 Depth to water: 52.45 ft (15.99 m) below TOC pH: 4.9
 Water elevation: 238.45 ft (72.68 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 33 µS/cm Water temperature: 20.5°C
 Water evacuated before sampling: 10 gal

WELL SSS 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90 Time: 12:00
 Depth to water: 54.55 ft (16.63 m) below TOC pH: 5.0
 Water elevation: 246.45 ft (75.12 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 28 µS/cm Water temperature: 21.7°C
 Water evacuated before sampling: 7 gal

WELL SSS 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/90 Time: 11:40
 The well was dry.

WELL SSS 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:25
 Depth to water: 7.38 ft (2.25 m) below TOC pH: 6.2
 Water elevation: 195.82 ft (59.69 m) msl Alkalinity: 29 mg/L
 Sp. conductance: 95 µS/cm Water temperature: 21.9°C
 Water evacuated before sampling: 17 gal

WELL SSS 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:00
 Depth to water: 21.42 ft (6.53 m) below TOC pH: 4.8
 Water elevation: 193.18 ft (58.88 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 50 µS/cm Water temperature: 20.5°C
 Water evacuated before sampling: 10 gal

WELL SSS 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:50
 Depth to water: 39.42 ft (12.02 m) below TOC pH: 4.8
 Water elevation: 174.38 ft (53.15 m) msl Alkalinity: 0 mg/L
 Sp. conductance: 31 µS/cm Water temperature: 20.8°C
 Water evacuated before sampling: 9 gal

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 mg/L
 Sp. conductance: 87 µS/cm Water temperature: 23.9°C
 Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	pH	5.6	pH	GE
0	Specific conductance	86	µS/cm	MT
0	Specific conductance	92	µS/cm	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
1	Barium	79	µg/L	MT
1	Barium	74	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,380	µg/L	MT
0	Calcium	3,300	µg/L	GE
2	Carbon tetrachloride	5.0	µg/L	MT
2	Carbon tetrachloride	3.0	µg/L	GE
0	Chloride	4,790	µg/L	MT
0	Chloride	5,000	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Iron	22	µg/L	MT
0	Iron	20	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	4.0	µg/L	GE
0	Magnesium	1,720	µg/L	MT
0	Magnesium	1,600	µg/L	GE
2	Manganese	113	µg/L	MT
2	Manganese	96	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
1	Nitrate as nitrogen	3,180	µg/L	MT
1	Nitrate as nitrogen	3,720	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,390	µg/L	MT
0	Potassium	2,000	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL TBG 1 collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Silica	11,200	µg/L	MT
0	Silica	9,500	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	8,040	µg/L	MT
1	Sodium	5,900	µg/L	GE
0	Sulfate	3,850	µg/L	MT
0	Sulfate	3,400	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	67,000	µg/L	MT
0	Total dissolved solids	57,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	33	µg/L	MT
1	Total organic halogens	20	µg/L	GE
0	Total phosphates	14	µg/L	MT
1	Total phosphates	750	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	40	µg/L	MT
2	Trichloroethylene	38	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<6.0	pCi/L	MT
0	Nonvolatile beta	5.1±3.0	pCi/L	GE
1	Total radium	4.3±0.60	pCi/L	MT
1	Total radium	4.3±2.7	pCi/L	GE
0	Tritium	2.3±0.30	pCi/mL	MT
0	Tritium	1.6±0.30	pCi/mL	GE

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90

Depth to water: 52.27 ft (15.93 m) below TOC

Water elevation: 98.93 ft (30.15 m) msl

Sp. conductance: 87 µS/cm

Water evacuated before sampling: 31 gal

Time: 11:25

pH: 5.4

Alkalinity: 3 mg/L

Water temperature: 23.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	pH	5.7	pH	GE
0	Specific conductance	83	µS/cm	MT
0	Specific conductance	81	µS/cm	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
1	Barium	68	µg/L	MT
1	Barium	54	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,710	µg/L	MT
0	Calcium	3,400	µg/L	GE

WELL TBG 1 collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	5.0	µg/L	MT
2	Carbon tetrachloride	11	µg/L	GE
0	Chloride	4,710	µg/L	MT
0	Chloride	3,800	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Iron	40	µg/L	MT
0	Iron	27	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	7.0	µg/L	GE
0	Magnesium	1,440	µg/L	MT
0	Magnesium	1,100	µg/L	GE
2	Manganese	101	µg/L	MT
2	Manganese	74	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,980	µg/L	MT
0	Nitrate as nitrogen	2,820	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,740	µg/L	MT
0	Potassium	1,400	µg/L	GE
0	Selenium	≤3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	10,700	µg/L	MT
0	Silica	8,200	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	5,430	µg/L	MT
0	Sodium	4,300	µg/L	GE
0	Sulfate	3,860	µg/L	MT
0	Sulfate	4,800	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	23,000	µg/L	MT
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	MT
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	29	µg/L	MT
1	Total organic halogens	20	µg/L	GE
0	Total phosphates	<10	µg/L	MT
1	Total phosphates	650	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
2	Trichloroethylene	38	µg/L	MT
2	Trichloroethylene	40	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT

ANALYTICAL RESULTS

WELL TBG 1 collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	4.9±2.4	pCi/L	GE
1	Total radium	4.0±0.80	pCi/L	MT
1	Total radium	4.9±2.9	pCi/L	GE
0	Trillium	2.3±0.30	pCi/ml	MT
0	Trillium	1.8±0.30	pCi/ml	GE

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 49.74 ft (15.16 m) below TOC
 Water elevation: 101.46 ft (30.93 m) msl
 Sp. conductance: 239 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging.

Time: 8:35
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 22.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.3	pH	MT
1	Specific conductance	219	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	197	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	5,830	µg/L	MT
2	Carbon tetrachloride	350	µg/L	MT
0	Chloride	3,520	µg/L	MT
0	Chloride	3,520	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	<5.0	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	Fluoride	<250	µg/L	MT
0	Iron	23	µg/L	MT
0	Lead	2.2	µg/L	MT
0	Magnesium	3,630	µg/L	MT
2	Manganese	587	µg/L	MT
1	Mercury	0.51	µg/L	MT
2	Nitrate as nitrogen	21,800	µg/L	MT
2	Nitrate as nitrogen	22,600	µg/L	MT
1	Phenols	31	µg/L	MT
0	Potassium	3,900	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	13,700	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	22,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
2	Tetrachloroethylene	10	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	170,000	µg/L	MT
0	Total organic carbon	3,550	µg/L	MT
2	Total organic halogens	453	µg/L	MT
2	Total organic halogens	464	µg/L	MT
1	Total phosphates	407	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	270	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	13±4.0	pCi/L	MT
1	Nonvolatile beta	17±4.0	pCi/L	MT
2	Total radium	16±2.0	pCi/L	MT
2	Total radium	17±2.0	pCi/L	MT
0	Trillium	2.4±0.30	pCi/ml	MT

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 50.56 ft (15.41 m) below TOC
 Water elevation: 100.74 ft (30.71 m) msl
 Sp. conductance: 453 µS/cm
 Water evacuated before sampling: 31 gal

Time: 10:25
 pH: 3.9
 Alkalinity: 0 mg/L
 Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	4.0	pH	MT
0	pH	4.1	pH	GE
1	Specific conductance	427	µS/cm	MT
1	Specific conductance	398	µS/cm	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
1	Barium	403	µg/L	MT
1	Barium	310	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
1	Calcium	11,200	µg/L	MT
0	Calcium	8,800	µg/L	GE
2	Carbon tetrachloride	470	µg/L	MT
2	Carbon tetrachloride	247	µg/L	GE
0	Chloride	4,440	µg/L	MT
0	Chloride	5,200	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
1	Chloroform	10	µg/L	MT
1	Chloroform	9.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	8.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	250	µg/L	MT
0	Fluoride	290	µg/L	GE
0	Iron	47	µg/L	MT
0	Iron	14	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	4.0	µg/L	GE
1	Magnesium	8,340	µg/L	MT
1	Magnesium	8,400	µg/L	GE
2	Manganese	652	µg/L	MT
2	Manganese	440	µg/L	GE
2	Mercury	4.0	µg/L	MT
0	Mercury	<0.20	µg/L	GE
2	Mercury	2.3	µg/L	GE
2	Nitrate as nitrogen	48,000	µg/L	MT
2	Nitrate as nitrogen	54,300	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,360	µg/L	MT
0	Potassium	3,200	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
1	Silica	12,500	µg/L	MT
0	Silica	9,900	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	45,100	µg/L	MT
1	Sodium	39,000	µg/L	GE
0	Sulfate	<1,000	µg/L	MT
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	37	µg/L	MT
2	Tetrachloroethylene	33	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	302,000	µg/L	MT

ANALYTICAL RESULTS

WELL TBG 4 collected on 08/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	235,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
1	Total organic carbon	5,000	µg/L	GE
2	Total organic halogens	874	µg/L	MT
2	Total organic halogens	842	µg/L	GE
0	Total phosphates	35	µg/L	MT
1	Total phosphates	720	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	780	µg/L	MT
2	Trichloroethylene	361	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
1	Trichlorofluoromethane	1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
2	Gross alpha	27 ± 5.0	pCi/L	MT
2	Gross alpha	25 ± 3.3	pCi/L	GE
1	Nonvolatile beta	30 ± 5.0	pCi/L	MT
1	Nonvolatile beta	29 ± 3.5	pCi/L	GE
2	Total radium	42 ± 5.0	pCi/L	MT
2	Total radium	53 ± 7.5	pCi/L	GE
0	Tritium	2.8 ± 0.30	pCi/ml	MT
0	Tritium	1.8 ± 0.30	pCi/ml	GE

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90
 Depth to water: 50.58 ft (15.41 m) below TOC
 Water elevation: 100.74 ft (30.71 m) msl
 Sp. conductance: 453 µS/cm
 Water evacuated before sampling: 31 gal

Time: 10:25
 pH: 3.9
 Alkalinity: 0 mg/L
 Water temperature: 22.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	4.0	pH	MT
0	pH	4.1	pH	GE
1	Specific conductance	433	µS/cm	MT
1	Specific conductance	460	µS/cm	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
1	Barium	385	µg/L	MT
1	Barium	390	µg/L	MT
1	Barium	320	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	10,300	µg/L	MT
1	Calcium	10,400	µg/L	MT
0	Calcium	8,800	µg/L	GE
2	Carbon tetrachloride	450	µg/L	MT
2	Carbon tetrachloride	303	µg/L	GE
0	Chloride	4,430	µg/L	MT
0	Chloride	5,200	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	< 1.0	µg/L	GE

WELL TBG 4 collected on 08/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
1	Chloroform	9.0	µg/L	MT
1	Chloroform	9.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	8.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	250	µg/L	MT
0	Fluoride	300	µg/L	GE
0	Iron	< 21	µg/L	MT
0	Iron	< 21	µg/L	MT
0	Iron	8.9	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
1	Magnesium	7,980	µg/L	MT
1	Magnesium	8,080	µg/L	MT
1	Magnesium	8,400	µg/L	GE
2	Manganese	828	µg/L	MT
2	Manganese	833	µg/L	MT
2	Manganese	480	µg/L	GE
2	Mercury	4.3	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
2	Mercury	2.4	µg/L	GE
2	Nitrate as nitrogen	49,800	µg/L	MT
2	Nitrate as nitrogen	51,800	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Potassium	3,870	µg/L	MT
0	Potassium	3,860	µg/L	MT
0	Potassium	3,200	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
1	Silica	12,100	µg/L	MT
1	Silica	12,300	µg/L	MT
1	Silica	10,000	µg/L	GE
0	Silver	< 0.60	µg/L	MT
0	Silver	< 0.60	µg/L	MT
0	Silver	< 2.0	µg/L	GE
1	Sodium	43,200	µg/L	MT
1	Sodium	43,800	µg/L	MT
1	Sodium	42,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	MT
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	41	µg/L	MT
2	Tetrachloroethylene	29	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	481,000	µg/L	MT
0	Total dissolved solids	280,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
1	Total organic carbon	5,000	µg/L	GE
2	Total organic halogens	890	µg/L	MT
2	Total organic halogens	848	µg/L	GE
0	Total phosphates	84	µg/L	MT
1	Total phosphates	740	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
1	trans-1,2-Dichloroethene	2.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	880	µg/L	MT
2	Trichloroethylene	472	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL TBG 4 collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
2	Gross alpha	26 ± 5.0	pCi/L	MT
2	Gross alpha	21 ± 3.0	pCi/L	GE
1	Nonvolatile beta	41 ± 6.0	pCi/L	MT
1	Nonvolatile beta	30 ± 3.5	pCi/L	GE
2	Total radium	42 ± 5.0	pCi/L	MT
2	Total radium	70 ± 8.6	pCi/L	GE
0	Trillium	3.1 ± 0.40	pCi/mL	MT
0	Trillium	1.6 ± 0.30	pCi/ml	GE

WELL TBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 48.86 ft (14.89 m) below TOC
 Water elevation: 100.54 ft (30.64 m) msl
 Sp. conductance: 112 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 8:10
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 22.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
1	Specific conductance	108	µS/cm	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	23	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	9,580	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	4,820	µg/L	MT
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chloroethane	< 10	µg/L	MT
1	Chloroform	1.2	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	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	70	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	1,850	µg/L	MT
2	Manganese	85	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
1	Nitrate as nitrogen	5,440	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	1,840	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
1	Silica	10,300	µg/L	MT
0	Silver	< 0.60	µg/L	MT
1	Sodium	5,870	µg/L	MT
0	Sulfate	7,470	µg/L	MT
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Toluene	< 5.0	µg/L	MT
0	Total dissolved solids	118,000	µg/L	MT
0	Total organic carbon	1,820	µg/L	MT
2	Total organic halogens	1,720	µg/L	MT
1	Total phosphates	758	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	510	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

WELL TBG 5 collected on 06/18/90, 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	Gross alpha	3.2 ± 2.1	pCi/L	MT
0	Nonvolatile beta	6.0 ± 3.6	pCi/L	MT
0	Total radium	2.1 ± 0.40	pCi/L	MT
0	Trillium	4.1 ± 0.50	pCi/mL	MT

WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 48.87 ft (14.80 m) below TOC
 Water elevation: 100.83 ft (30.73 m) msf
 Sp. conductance: 43 µS/cm
 Water evacuated before sampling: 179 gal

Time: 12:40
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	MT
0	Specific conductance	40	µS/cm	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	< 4.0	µg/L	MT
0	Calcium	2,470	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	7,820	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	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	22	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Magnesium	384	µg/L	MT
2	Manganese	104	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	MT
0	Nitrate as nitrogen	550	µg/L	MT
0	Phenols	< 5.0	µg/L	MT
0	Potassium	1,520	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	2,560	µg/L	MT
0	Sulfate	3,380	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	33,000	µg/L	MT
0	Total organic halogens	1,320	µg/L	MT
0	Total phosphates	< 5.0	µg/L	MT
0	Toxaphene	88	µg/L	MT
0	trans-1,2-Dichloroethene	< 0.24	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	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
1	Total activity	12 ± 1.5	pCi/ml	EM
0	Total radium	< 1.0	pCi/L	MT
0	Trillium	3.8 ± 0.40	pCi/ml	MT

ANALYTICAL RESULTS

WELL TBG 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/80
 Depth to water: 37.47 ft (11.42 m) below TOC
 Water elevation: 112.53 ft (34.30 m) msl
 Sp. conductance: 48 µS/cm
 Water evacuated before sampling: 111 gal

Time: 13:15
 pH: 5.9
 Alkalinity: 10 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	Specific conductance	43	µS/cm	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
0	Calcium	4,880	µg/L	MT
0	Carbon tetrachloride	<5.0	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	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
2	Iron	516	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	582	µg/L	MT
0	Manganese	14	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,330	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	21,100	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,190	µg/L	MT
0	Sulfate	6,400	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	1,780	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	54	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	0.95 ± 1.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/mL	MT

WELL TBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/80
 Depth to water: 40.52 ft (14.18 m) below TOC
 Water elevation: 101.58 ft (30.96 m) msl
 Sp. conductance: 214 µS/cm
 Water evacuated before sampling: 0 gal
 The well went dry during purging.

Time: 10:00
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
1	Specific conductance	200	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	88	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	10,700	µg/L	MT
2	Carbon tetrachloride	48	µg/L	MT
0	Chloride	8,140	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	Dibromochloromethane	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	280	µg/L	MT
0	Iron	<21	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	2,320	µg/L	MT
2	Manganese	93	µg/L	MT
0	Mercury	<0.20	µg/L	MT
2	Nitrate as nitrogen	17,600	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,850	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	12,800	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	14,400	µg/L	MT
0	Sulfate	1,580	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	172,000	µg/L	MT
0	Total organic carbon	<1,600	µg/L	MT
2	Total organic halogens	460	µg/L	MT
0	Total phosphates	227	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	770	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	4.4 ± 2.4	pCi/L	MT
0	Nonvolatile beta	7.8 ± 3.7	pCi/L	MT
2	Total radium	7.3 ± 0.80	pCi/L	MT
0	Tritium	4.3 ± 0.50	pCi/mL	MT

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/80
 Depth to water: 43.77 ft (13.34 m) below TOC
 Water elevation: 103.03 ft (31.40 m) msl
 Sp. conductance: 58 µS/cm
 Water evacuated before sampling: 69 gal

Time: 9:40
 pH: 5.9
 Alkalinity: 11 mg/L
 Water temperature: 22.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	52	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT

ANALYTICAL RESULTS

WELL TBG 7 collected on 08/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	<4.0	µg/L	MT
0	Calcium	5,600	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	2,040	µg/L	MT
0	Chlorobenzene	<5.0	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	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	31	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	539	µg/L	MT
0	Manganese	<2.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Nitrate as nitrogen	7.10	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	871	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,710	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	2,920	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	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	42	µg/L	MT
0	trans-1,2-Dichloroethane	<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	8.9 ± 3.9	pCi/L	MT
1	Nonvolatile beta	30 ± 5.0	pCi/L	MT
0	Total radium	<1.0	pCi/L	MT
0	Tritium	2.5 ± 0.30	pCi/ml	MT

WELL TNX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/90
 Depth to water: 58.54 ft (17.84 m) below TOC
 Water elevation: 97.98 ft (29.88 m) msl
 Sp. conductance: 81 µS/cm
 Water evacuated before sampling: 42 gal

Time: 12:00
 pH: 6.3
 Alkalinity: 31 mg/L
 Water temperature: 22.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	74	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (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

WELL TNX 1D collected on 08/18/90, 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
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	590	µg/L	GE
1	Manganese	37	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	860	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	6,000	µg/L	GE
0	Sulfate	1,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	800	µg/L	GE
0	trans-1,2-Dichloroethane	<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	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/90
 Depth to water: 57.31 ft (17.47 m) below TOC
 Water elevation: 97.79 ft (29.81 m) msl
 Sp. conductance: 77 µS/cm
 Water evacuated before sampling: 40 gal

Time: 10:30
 pH: 5.9
 Alkalinity: 20 mg/L
 Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	pH	6.0	pH	GE
0	Specific conductance	72	µS/cm	MT
0	Specific conductance	78	µS/cm	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	MT
0	Barium	12	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,070	µg/L	MT
0	Calcium	5,000	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,310	µg/L	MT
0	Chloride	2,300	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	MT
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT

ANALYTICAL RESULTS

WELL TNX 2D collected on 08/18/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	8.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Iron	41	µg/L	MT
0	Iron	11	µg/L	GE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	507	µg/L	MT
0	Magnesium	430	µg/L	GE
2	Manganese	104	µg/L	MT
0	Manganese	90	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	MT
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,570	µg/L	MT
0	Potassium	1,200	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
1	Silica	11,800	µg/L	MT
0	Silica	9,500	µg/L	GE
0	Silver	< 0.60	µg/L	MT
0	Silver	< 2.0	µg/L	GE
1	Sodium	8,450	µg/L	MT
1	Sodium	8,000	µg/L	GE
0	Sulfate	7,330	µg/L	MT
0	Sulfate	7,100	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	45,000	µg/L	MT
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	1,020	µg/L	MT
0	Total organic carbon	4,000	µg/L	GE
1	Total organic halogens	14	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates	< 10	µg/L	MT
1	Total phosphates	7.10	µg/L	GE
0	trans-1,2-Dichloroethane	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Trichloroethylene	< 5.0	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Gross alpha	< 2.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	< 5.0	pCi/L	GE
0	Nonvolatile beta	< 2.0	pCi/L	GE
0	Total radium	< 1.0	pCi/L	MT
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 1.0	pCi/ml	MT
0	Tritium	< 0.70	pCi/ml	GE

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/00
 Depth to water: 57.31 ft (17.47 m) below TGD
 Water elevation: 87.78 ft (29.81 m) msl
 Sp. conductance: 77 µS/cm
 Water evacuated before sampling: 40 gal

Time: 10:30
 pH: 5.9
 Alkalinity: 20 mg/L
 Water temperature: 23.4°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	MT
0	pH	6.0	pH	GE
0	Specific conductance	74	µS/cm	MT
0	Specific conductance	80	µS/cm	GE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	GE
0	Barium	14	µg/L	MT
0	Barium	13	µg/L	GE
0	Benzene	< 5.0	µg/L	MT
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 5.0	µg/L	MT
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 5.0	µg/L	MT
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 10	µg/L	MT
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	5,010	µg/L	MT
0	Calcium	5,100	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,380	µg/L	MT
0	Chloride	2,300	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	7.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Iron	41	µg/L	MT
0	Iron	19	µg/L	GE
0	Lead	10	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	484	µg/L	MT
0	Magnesium	440	µg/L	GE
2	Manganese	100	µg/L	MT
2	Manganese	93	µg/L	GE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	MT
0	Nitrate as nitrogen	390	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,820	µg/L	MT
0	Potassium	1,200	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
1	Silica	11,300	µg/L	MT
1	Silica	10,000	µg/L	GE
0	Silver	< 0.60	µg/L	MT
0	Silver	< 2.0	µg/L	GE
1	Sodium	8,170	µg/L	MT
1	Sodium	8,200	µg/L	GE
0	Sulfate	7,280	µg/L	MT
0	Sulfate	6,090	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	53,000	µg/L	MT
0	Total dissolved solids	43,000	µg/L	GE

ANALYTICAL RESULTS

WELL TNX 2D collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total organic carbon	3,300	µg/L	MT
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	8.6	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	17	µg/L	MT
0	Total phosphates	22	µg/L	MT
1	Total phosphates	720	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Nonvolatile beta	6.4 ± 3.5	pCi/L	MT
0	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	MT
0	Total radium	1.9 ± 2.2	pCi/L	GE
0	Tritium	1.1 ± 0.20	pCi/mL	MT
0	Tritium	<0.70	pCi/mL	GE

WELL TNX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 58.00 ft (17.07 m) below TOC
 Water elevation: 98.30 ft (29.96 m) msl
 Sp. conductance: 155 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 15:45
 pH: 5.3
 Alkalinity: 5 mg/L
 Water temperature: 31.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	99	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,000	µg/L	GE
2	Carbon tetrachloride	44	µg/L	GE
0	Chloride	4,200	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
1	Chloroform	2.0	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	Ethyl benzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	53	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	437	µg/L	GE
2	Manganese	130	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nitrate as nitrogen	5,770	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE

WELL TNX 3D collected on 06/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
1	Sodium	7,800	µg/L	GE
0	Sulfate	2,100	µg/L	GE
2	Tetrachloroethylene	7.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	81,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	191	µg/L	GE
1	Total phosphates	870	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	352	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	Nonvolatile beta	4.6 ± 1.8	pCi/L	GE
0	Total radium	2.3 ± 2.3	pCi/L	GE
0	Tritium	3.2 ± 0.40	pCi/mL	GE

WELL TNX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 49.37 ft (15.05 m) below TOC
 Water elevation: 100.43 ft (30.81 m) msl
 Sp. conductance: 101 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 15:10
 pH: 5.5
 Alkalinity: 4 mg/L
 Water temperature: 31.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	84	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	3,700	µg/L	GE
2	Carbon tetrachloride	6.0	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	<4.0	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	780	µg/L	GE
0	Manganese	21	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nitrate as nitrogen	6,230	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	2,300	µg/L	GE
2	Tetrachloroethylene	6.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	81,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
1	Total phosphates	1,050	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

ANALYTICAL RESULTS

WELL TNX 4D collected on 08/18/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	4.9±1.2	pCi/L	GE
0	Nonvolatile beta	6.3±1.9	pCi/L	GE
2	Total radium	23±5.7	pCi/L	GE
0	Tritium	9.5±0.40	pCi/mL	GE

WELL TNX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/90
 Depth to water: 47.24 ft (14.40 m) below TOC
 Water elevation: 102.08 ft (31.11 m) msl
 Sp. conductance: 185 µS/cm
 Water evacuated before sampling: 6 gal
 The well went dry during purging.

Time: 14:20
 pH: 6.0
 Alkalinity: 38 mg/L
 Water temperature: 31.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
1	Specific conductance	111	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	11,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,600	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	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	41	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,000	µg/L	GE
2	Manganese	53	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	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	6,600	µg/L	GE
1	Sulfate	16,600	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	61,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	850	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
1	1,1,1-Trichloroethane	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-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	3.1±1.7	pCi/L	GE
0	Total radium	1.5±2.1	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL TNX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/90
 Depth to water: 48.17 ft (14.88 m) below TOC
 Water elevation: 102.33 ft (31.19 m) msl
 Sp. conductance: 177 µS/cm
 Water evacuated before sampling: 5 gal
 The well went dry during purging.

Time: 13:40
 pH: 5.8
 Alkalinity: 13 mg/L
 Water temperature: 31.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
1	Specific conductance	177	µS/cm	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
1	Calcium	12,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,900	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-1,3-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	46	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,300	µg/L	GE
2	Manganese	63	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nitrate as nitrogen	5,820	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	12,000	µg/L	GE
1	Sulfate	33,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	94,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	810	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
1	1,1,1-Trichloroethane	2.0	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	3.5±1.7	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

ANALYTICAL RESULTS

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: 89.35 ft (30.28 m) msl Alkalinity: 16 mg/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	pH	5.8	pH	GE
0	Specific conductance	74	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	1,300	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	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
1	Iron	280	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	250	µg/L	GE
1	Manganese	35	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	880	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	12,000	µg/L	GE
0	Sulfate	8,600	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	45,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	860	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	Nonvolatile beta	<2.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/ml	GE

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: 92.54 ft (28.21 m) msl Alkalinity: 1 mg/L
 Sp. conductance: 198 µS/cm Water temperature: 19.8°C
 Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	120	µS/cm	GE
1	Specific conductance	120	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	58	µg/L	GE
1	Barium	59	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	7,100	µg/L	GE
0	Calcium	7,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,200	µg/L	GE
0	Chloride	6,100	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-1,3-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
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	35	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,400	µg/L	GE
0	Magnesium	1,100	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
2	Nitrate as nitrogen	12,100	µg/L	GE
2	Nitrate as nitrogen	12,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	13,000	µg/L	GE
1	Sodium	14,000	µg/L	GE
0	Sulfate	8,900	µg/L	GE
0	Sulfate	7,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	107,000	µg/L	GE

ANALYTICAL RESULTS

WELL TNX 8D collected on 06/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Total dissolved solids	106,000	µg/L	GE
1	Total organic carbon	5,000	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
1	Total phosphates	490	µg/L	GE
1	Total phosphates	490	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	10	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	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	2.7±2.0	pCi/L	GE
0	Nonvolatile beta	2.9±2.0	pCi/L	GF
0	Total radium	<1.0	pCi/L	GE
0	Total radium	<1.0	pCi/L	GE
0	Tritium	2.5±0.30	pCi/mL	GE
0	Tritium	2.6±0.30	pCi/mL	GE

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90
 Depth to water: 9.11 ft (2.78 m) below TOC
 Water elevation: 92.59 ft (28.22 m) msl
 Sp. conductance: 303 µS/cm
 Water evacuated before sampling: 46 gal

Time: 9:40
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
1	Specific conductance	256	µS/cm	GE
1	Arsenic	5.0	µg/L	GE
1	Barium	65	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,700	µg/L	GE
0	Carbon tetrachloride	<1.0	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-1,3-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
2	Iron	500	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	1,500	µg/L	GE
1	Manganese	39	µg/L	GE
0	Mercury	<0.20	µg/L	GE
2	Nitrate as nitrogen	11,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	12,000	µg/L	GE

WELL TNX 8D collected on 06/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
1	Sodium	38,000	µg/L	GE
1	Sulfate	88,800	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	200,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	640	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	8.0	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	Gross alpha	2.1±1.6	pCi/L	GE
0	Nonvolatile beta	3.9±3.5	pCi/L	GE
0	Total radium	1.5±1.5	pCi/L	GE
0	Tritium	1.8±0.30	pCi/mL	GE

WELL TNX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90
 Depth to water: 9.87 ft (2.95 m) below TOC
 Water elevation: 92.63 ft (28.23 m) msl
 Sp. conductance: 151 µS/cm
 Water evacuated before sampling: 42 gal

Time: 8:20
 pH: 4.2
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
1	Specific conductance	120	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	33	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,600	µg/L	GE
2	Carbon tetrachloride	37	µg/L	GE
0	Chloride	4,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
1	Chloroform	3.0	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	67	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	1,100	µg/L	GE
2	Manganese	93	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nitrate as nitrogen	9,370	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	920	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	11,000	µg/L	GE
1	Sulfate	14,600	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	70,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	284	µg/L	GE
1	Total phosphates	500	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	392	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL TNX 10D collected on 06/21/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
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	Gross alpha	8.0 ± 1.9	pCi/L	GE
0	Nonvolatile beta	4.8 ± 2.2	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	2.9 ± 0.40	pCi/ml	GE

WELL TNX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90
 Depth to water: 7.19 ft (2.19 m) below TOC
 Water elevation: 92.81 ft (28.23 m) msl
 Sp. conductance: 81 µS/cm
 Water evacuated before sampling: 52 gal

Time: 7:45
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 19.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	52	µS/cm	GE
1	Arsenic	3.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	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
1	Iron	170	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	630	µg/L	GE
1	Manganese	26	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	200	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	910	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	Sodium	2,800	µg/L	GE
1	Sulfate	16,100	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	53,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
1	Total phosphates	690	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	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	4.0 ± 2.1	pCi/L	GE
0	Total radium	1.9 ± 2.1	pCi/L	GE
0	Tritium	1.1 ± 0.30	pCi/ml	GE

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/90
 Depth to water: 5.54 ft (1.69 m) below TOC
 Water elevation: 93.88 ft (28.55 m) msl
 Sp. conductance: 70 µS/cm
 Water evacuated before sampling: 55 gal

Time: 10:20
 pH: 5.8
 Alkalinity: 13 mg/L
 Water temperature: 20.2°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	83	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	4,500	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	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	18	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	1,200	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,800	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 dissolved solids	69,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total phosphates	240	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	Nonvolatile beta	3.0 ± 2.2	pCi/L	GE
0	Total radium	< 1.0	pCi/L	GE
0	Tritium	< 0.70	pCi/ml	GE

ANALYTICAL RESULTS

WELL XSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 58.84 ft (17.87 m) below TOC
 Water elevation: 97.38 ft (29.68 m) msl
 Sp. conductance: 100 µS/cm
 Water evacuated before sampling: 148 gal

Time: 14:35
 pH: 6.3
 Alkalinity: 3 mg/L
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	pH	5.4	pH	MT
0	Specific conductance	98	µS/cm	MT
0	Specific conductance	98	µS/cm	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
0	Calcium	2,030	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	3,820	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	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	446	µg/L	MT
1	Manganese	41	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nitrate as nitrogen	8,050	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	937	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,900	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	13,600	µg/L	MT
0	Sulfate	3,840	µg/L	MT
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Toluene	<5.0	µg/L	MT
0	Total dissolved solids	77,000	µg/L	MT
0	Total organic carbon	1,120	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	14	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethylene	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	10 ± 1.5	pCi/ml	EM
0	Total radium	<1.0	pCi/L	MT
0	Tritium	3.3 ± 0.40	pCi/ml	MT
0	Tritium	3.4 ± 0.40	pCi/ml	MT

WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 55.86 ft (17.06 m) below TOC
 Water elevation: 99.84 ft (30.48 m) msl
 Sp. conductance: 66 µS/cm
 Water evacuated before sampling: 148 gal

Time: 15:20
 pH: 6.3
 Alkalinity: 15 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.0	pH	MT
0	Specific conductance	58	µS/cm	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	<4.0	µg/L	MT
0	Calcium	8,570	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	1,590	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	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	520	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	578	µg/L	MT
0	Manganese	21	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
0	Nitrate as nitrogen	<100	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,330	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	23,300	µg/L	MT
0	Silver	<0.60	µg/L	MT
0	Sodium	1,880	µg/L	MT
0	Sulfate	8,450	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 organic carbon	1,970	µg/L	MT
0	Total organic halogens	<5.0	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	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<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	1.3 ± 1.3	pCi/ml	EM
0	Total radium	<1.0	pCi/L	MT
0	Tritium	<1.0	pCi/ml	MT

ANALYTICAL RESULTS

WELL XSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/90
 Depth to water: 58.30 ft (17.77 m) below TOC
 Water elevation: 97.70 ft (29.78 m) msl
 Sp. conductance: 83 µS/cm
 Water evacuated before sampling: 254 gal

Time: 15:50
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	MT
0	Specific conductance	88	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	27	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	2,120	µg/L	MT
2	Carbon tetrachloride	38	µg/L	MT
0	Chloride	4,340	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	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	48	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	737	µg/L	MT
0	Manganese	20	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	Phenols	<5.0	µg/L	MT
0	Potassium	1,180	µg/L	MT
0	Selenium	<3.0	µg/L	MT
1	Silica	10,500	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	8,830	µg/L	MT
0	Sulfate	1,010	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	96	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	92	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
0	Total radium	1.2±0.30	pCi/L	MT
0	Total radium	1.4±0.40	pCi/L	MT

WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 Depth to water: 57.48 ft (17.52 m) below TOC
 Water elevation: 97.32 ft (29.66 m) msl
 Sp. conductance: 159 µS/cm
 Water evacuated before sampling: 7 gal
 The well went dry during purging.

Time: 13:15
 pH: 9.0
 Alkalinity: 32 mg/L
 Water temperature: 21.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
2	pH	8.9	pH	MT
1	Specific conductance	146	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
1	Barium	55	µg/L	MT

WELL XSB 2D collected on 06/19/90, 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
1	Calcium	15,000	µg/L	MT
2	Carbon tetrachloride	26	µg/L	MT
0	Chloride	3,870	µg/L	MT
0	Chlorobenzene	<5.0	µg/L	MT
0	Chloroethane	<10	µg/L	MT
1	Chloroform	J 3.0	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	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	50	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Magnesium	438	µg/L	MT
0	Manganese	17	µg/L	MT
0	Mercury	<0.20	µg/L	MT
1	Nitrate as nitrogen	7,930	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	2,480	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,500	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	14,100	µg/L	MT
0	Sulfate	2,650	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	164	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	220	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	6.1±3.7	pCi/L	MT
0	Total radium	1.7±0.40	pCi/L	MT

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 Depth to water: 58.64 ft (17.87 m) below TOC
 Water elevation: 98.36 ft (29.98 m) msl
 Sp. conductance: 130 µS/cm
 Water evacuated before sampling: 100 gal

Time: 10:45
 pH: 5.3
 Alkalinity: 3 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.3	pH	MT
0	pH	5.6	pH	GE
0	pH	5.8	pH	GE
1	Specific conductance	120	µS/cm	MT
1	Specific conductance	135	µS/cm	GE
1	Specific conductance	135	µS/cm	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	MT
0	Barium	19	µg/L	GE
0	Barium	20	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	MT

ANALYTICAL RESULTS

WELL XSB 3A collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,990	µg/L	MT
0	Calcium	7,000	µg/L	GE
0	Calcium	7,100	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
1	Carbon tetrachloride	1.0	µg/L	GE
1	Carbon tetrachloride	1.0	µg/L	GE
0	Chloride	4,380	µg/L	MT
0	Chloride	4,100	µg/L	GE
0	Chloride	3,900	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
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	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<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	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<21	µg/L	MT
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	11	µg/L	GE
0	Iron	9.2	µg/L	GE
0	Lead	2.6	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,590	µg/L	MT
0	Magnesium	1,300	µg/L	GE
0	Magnesium	1,300	µg/L	GE
0	Manganese	24	µg/L	MT
0	Manganese	17	µg/L	GE
0	Manganese	17	µg/L	GE
1	Mercury	0.85	µg/L	MT
1	Mercury	0.80	µg/L	GE
1	Mercury	0.80	µg/L	GE
1	Nitrate as nitrogen	8,560	µg/L	MT
2	Nitrate as nitrogen	10,900	µg/L	GE
2	Nitrate as nitrogen	11,200	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,600	µg/L	MT
0	Potassium	1,100	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,120	µg/L	MT
0	Silica	7,000	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	<0.60	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	12,100	µg/L	MT
1	Sodium	10,000	µg/L	GE
1	Sodium	11,000	µg/L	GE
0	Sulfate	3,780	µg/L	MT
0	Sulfate	3,300	µg/L	GE
0	Sulfate	3,600	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE

WELL XSB 3A collected on 06/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	MT
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	30	µg/L	MT
1	Total organic halogens	11	µg/L	GE
1	Total organic halogens	13	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	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-1,3-Dichloropropene	<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
2	Trichloroethylene	34	µg/L	MT
2	Trichloroethylene	29	µg/L	GE
2	Trichloroethylene	28	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
1	Trichlorofluoromethane	1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<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-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<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	1,1,2-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	1,1,2,2-Tetrachloroethane	<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	1,2-Dichloroethane	<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-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<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	Gross alpha	<4.0	pCi/L	MT
0	Gross alpha	<2.0	pCi/L	GE
0	Gross alpha	2.5 ± 1.3	pCi/L	GE
0	Nonvolatile beta	<5.0	pCi/L	MT
0	Nonvolatile beta	3.6 ± 2.0	pCi/L	GE
0	Nonvolatile beta	2.7 ± 2.0	pCi/L	GE
0	Total radium	2.2 ± 0.40	pCi/L	MT
1	Total radium	3.7 ± 3.9	pCi/L	GE
1	Total radium	3.6 ± 3.7	pCi/L	GE

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/90
 Depth to water: 58.64 ft (17.87 m) below TOC
 Water elevation: 98.36 ft (29.98 m) msl
 Sp. conductance: 130 µS/cm
 Water evacuated before sampling: 100 gal

Time: 10:45
 pH: 5.3
 Alkalinity: 3 mg/L
 Water temperature: 22.0°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.4	pH	MT
0	pH	5.4	pH	MT
0	pH	5.8	pH	GE
1	Specific conductance	127	µS/cm	MT
1	Specific conductance	127	µS/cm	MT
1	Specific conductance	135	µS/cm	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	MT
0	Barium	21	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT

ANALYTICAL RESULTS

WELL XSB 3A collected on 08/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	7,980	µg/L	MT
0	Calcium	7,400	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	MT
1	Carbon tetrachloride	1.0	µg/L	GE
0	Chloride	4,360	µg/L	MT
0	Chloride	4,000	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	MT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	MT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MT
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	MT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	MT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	MT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	MT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	GE
0	Iron	< 21	µg/L	MT
0	Iron	< 4.0	µg/L	GE
0	Iron	9.4	µg/L	GE
0	Lead	2.5	µg/L	MT
0	Lead	< 3.0	µg/L	GE
0	Magnesium	1,500	µg/L	MT
0	Magnesium	1,300	µg/L	GE
1	Manganese	25	µg/L	MT
0	Manganese	19	µg/L	GE
1	Mercury	0.82	µg/L	MT
1	Mercury	0.80	µg/L	GE
1	Nitrate as nitrogen	8,530	µg/L	MT
2	Nitrate as nitrogen	10,800	µg/L	GE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,370	µg/L	MT
0	Potassium	1,200	µg/L	GE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,120	µg/L	MT
0	Silica	6,700	µg/L	GE
0	Silver	< 0.60	µg/L	MT
0	Silver	< 2.0	µg/L	GE
1	Sodium	12,100	µg/L	MT
1	Sodium	11,000	µg/L	GE
0	Sulfate	3,750	µg/L	MT
0	Sulfate	3,500	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	MT
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	MT
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	25	µg/L	MT
1	Total organic halogens	22	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	MT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
2	Trichloroethylene	32	µg/L	MT
2	Trichloroethylene	29	µg/L	GE
0	Trichlorofluoromethane	< 5.0	µg/L	MT
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	MT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 5.0	µg/L	MT
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	MT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	MT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE

WELL XSB 3A collected on 08/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Gross alpha	< 4.0	pCi/L	MT
0	Gross alpha	< 2.0	pCi/L	GE
0	Nonvolatile beta	< 5.0	pCi/L	MT
0	Nonvolatile beta	5.1 ± 2.2	pCi/L	GE
0	Total radium	2.1 ± 0.40	pCi/L	MT
0	Total radium	1.8 ± 3.4	pCi/L	GE

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90
 Depth to water: 57.81 ft (17.58 m) below TOC
 Water elevation: 87.29 ft (26.65 m) msl
 Sp. conductance: 145 µS/cm
 Water evacuated before sampling: 253 gal

Time: 11:50
 pH: 5.0
 Alkalinity: 2 mg/L
 Water temperature: 23.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
1	Specific conductance	131	µS/cm	MT
0	Arsenic	< 3.0	µg/L	MT
0	Barium	48	µg/L	MT
0	Benzene	< 5.0	µg/L	MT
0	Bromochloromethane	< 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	5,290	µg/L	MT
0	Carbon tetrachloride	< 5.0	µg/L	MT
0	Chloride	8,060	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	Dibromochloromethane	< 5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	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	12	µg/L	MT
0	Magnesium	1,360	µg/L	MT
1	Manganese	40	µg/L	MT
1	Mercury	0.80	µg/L	MT
1	Nitrate as nitrogen	8,510	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	9,320	µg/L	MT
0	Silver	< 0.60	µg/L	MT
1	Sodium	18,500	µg/L	MT
0	Sulfate	5,900	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	19	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
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

ANALYTICAL RESULTS

WELL XSB 4D collected on 08/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Nonvolatile beta	0.0±3.5	pCi/L	MT
1	Total radium	2.7±0.50	pCi/L	MT

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90
 Depth to water: 57.81 ft (17.58 m) below TOC
 Water elevation: 98.64 ft (29.98 m) msl
 Sp. conductance: 145 µS/cm
 Water evacuated before sampling: 253 gal

Time: 11:50
 pH: 5.0
 Alkalinity: 2 mg/L
 Water temperature: 23.1°C

WELL XSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90
 Depth to water: 15.38 ft (4.68 m) below TOC
 Water elevation: 98.64 ft (29.98 m) msl
 Sp. conductance: 118 µS/cm
 Water evacuated before sampling: 48 gal

Time: 12:20
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 22.5°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.5	pH	MT
0	Specific conductance	100	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	<4.0	µg/L	MT
0	Calcium	3,680	µg/L	MT
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Chloride	5,980	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	Dibromochloromethane	<5.0	µg/L	MT
1	Dichloromethane (Methylene chloride)	5.0	µg/L	MT
0	Ethylbenzene	<5.0	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	Iron	24	µg/L	MT
0	Lead	<2.0	µg/L	MT
0	Lead	13	µg/L	MT
0	Magnesium	500	µg/L	MT
0	Manganese	9.9	µg/L	MT
0	Mercury	0.24	µg/L	MT
1	Nitrate as nitrogen	6,540	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,460	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,870	µg/L	MT
0	Silver	<0.60	µg/L	MT
1	Sodium	13,100	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 organic carbon	1,030	µg/L	MT
0	Total organic halogens	8.6	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	6.0	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	<5.0	pCi/L	MT
0	Total radium	2.4±0.40	pCi/L	MT

WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90
 Depth to water: 28.81 ft (8.72 m) below TOC
 Water elevation: 118.89 ft (35.83 m) msl
 Sp. conductance: 45 µS/cm
 Water evacuated before sampling: 48 gal

Time: 8:20
 pH: 5.7
 Alkalinity: 2 mg/L
 Water temperature: 21.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.8	pH	MT
0	Specific conductance	33	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	8.5	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	2,720	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloride	3,580	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	Iron	54	µg/L	MT
0	Lead	5.5	µg/L	MT
0	Magnesium	288	µg/L	MT
0	Manganese	3.5	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	11	µg/L	MT
0	Nitrate as nitrogen	810	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,180	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	8,630	µg/L	MT
0	Silver	<0.80	µg/L	MT
0	Sodium	2,660	µg/L	MT
0	Sulfate	<1,000	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Total organic carbon	2,010	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	MT
0	Total phosphates	80	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	Zinc	20	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	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	3.4±0.40	pCi/mL	MT

WELL YSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90
 Depth to water: 27.02 ft (8.24 m) below TOC
 Water elevation: 117.68 ft (35.87 m) msl
 Sp. conductance: 58 µS/cm
 Water evacuated before sampling: 52 gal

Time: 8:15
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 21.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.6	pH	MT
0	Specific conductance	48	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	10	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	2,260	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Chloride	4,430	µg/L	MT
0	Chloroform	<0.40	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Endrin	<0.0060	µg/L	MT
0	Fluoride	<250	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
2	Iron	400	µg/L	MT
0	Lead	<2.0	µg/L	MT

ANALYTICAL RESULTS

WELL YSB 2A collected on 08/19/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Magnesium	429	µg/L	MT
0	Manganese	8.0	µg/L	MT
0	Mercury	<0.20	µg/L	MT
0	Methoxychlor	<0.50	µg/L	MT
1	Nickel	80	µg/L	MT
1	Nickel	51	µg/L	MT
0	Nitrate as nitrogen	700	µg/L	MT
0	Phenols	<5.0	µg/L	MT
0	Potassium	1,340	µg/L	MT
0	Selenium	<3.0	µg/L	MT
0	Silica	7,840	µg/L	MT
0	Silver	<0.80	µg/L	MT
0	Sodium	4,580	µg/L	MT
0	Sulfate	2,440	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Total organic carbon	1,520	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	Trichloroethylene	<0.40	µg/L	MT
0	Zinc	19	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	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	Tridium	3.7 ± 0.40	pCi/ml	MT

WELL YSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90
 Depth to water: 28.98 ft (8.23 m) below TOC
 Water elevation: 118.91 ft (35.63 m) msf
 Sp. conductance: 354 µS/cm
 Water evacuated before sampling: 52 gal

Time: 10:05
 pH: 6.3
 Alkalinity: 97 mg/L
 Water temperature: 22.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	6.3	pH	MT
1	Specific conductance	312	µS/cm	MT
0	Arsenic	<3.0	µg/L	MT
0	Barium	8.8	µg/L	MT
0	Cadmium	<4.0	µg/L	MT
0	Calcium	8,240	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	MT
1	Chloride	14,700	µg/L	MT
1	Chloroform	7.5	µg/L	MT
0	Chromium	<5.0	µg/L	MT
0	Copper	<14	µg/L	MT
0	Endrin	<0.0060	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	Magnesium	352	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	85	µg/L	MT
1	Nitrate as nitrogen	5,480	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	8,730	µg/L	MT
0	Silver	<0.80	µg/L	MT
1	Sodium	55,400	µg/L	MT
0	Sulfate	6,880	µg/L	MT
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Total organic carbon	2,350	µg/L	MT
1	Total organic halogens	13	µg/L	MT
0	Total phosphates	105	µg/L	MT
0	Toxaphene	<0.24	µg/L	MT
0	Trichloroethylene	<0.40	µg/L	MT
0	Zinc	23	µg/L	MT
0	1,1,1-Trichloroethane	<0.40	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
0	Tridium	8.4 ± 1.0	pCi/ml	MT

WELL YSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/90
 Depth to water: 28.10 ft (8.68 m) below TOC
 Water elevation: 118.50 ft (35.51 m) msf
 Sp. conductance: 140 µS/cm
 Water evacuated before sampling: 52 gal

Time: 10:50
 pH: 5.7
 Alkalinity: 14 mg/L
 Water temperature: 20.8°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	pH	8.0	pH	GE
0	Specific conductance	84	µS/cm	MT
0	Specific conductance	73	µS/cm	GE
0	Arsenic	<3.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	MT
0	Barium	8.8	µg/L	GE
0	Cadmium	<4.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,130	µg/L	MT
0	Calcium	2,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	7,910	µg/L	MT
0	Chloride	7,200	µg/L	GE
0	Chloroform	<0.40	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	Copper	<14	µg/L	MT
0	Copper	<4.0	µg/L	GE
0	Endrin	<0.0060	µg/L	MT
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<250	µg/L	MT
0	Fluoride	<100	µg/L	GE
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	<0.0050	µg/L	GE
0	Iron	128	µg/L	MT
0	Iron	8.8	µg/L	GE
0	Lead	<2.0	µg/L	MT
0	Lead	<3.0	µg/L	GE
0	Magnesium	512	µg/L	MT
0	Magnesium	430	µg/L	GE
0	Manganese	8.1	µg/L	MT
0	Manganese	5.1	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	MT
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	21	µg/L	MT
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,550	µg/L	MT
0	Nitrate as nitrogen	2,040	µg/L	GE
0	Phenols	<5.0	µg/L	MT
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,190	µg/L	MT
0	Potassium	840	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silica	8,250	µg/L	MT
0	Silica	8,800	µg/L	GE
0	Silver	<0.80	µg/L	MT
0	Silver	<2.0	µg/L	GE
1	Sodium	14,800	µg/L	MT
1	Sodium	14,000	µg/L	GE
0	Sulfate	3,230	µg/L	MT
0	Sulfate	3,100	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	2,020	µg/L	MT
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MT
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates	158	µg/L	MT
1	Total phosphates	540	µg/L	GE
0	Toxaphene	<0.24	µg/L	MT
0	Toxaphene	<0.24	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Zinc	23	µg/L	MT
0	Zinc	11	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	MT

ANALYTICAL RESULTS

WELL Y8B 4A collected on 08/19/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	< 0.000	µg/L	QE
0	Gross alpha	< 2.0	pCl/L	MT
0	Gross alpha	< 2.0	pCl/L	QE
0	Nonvolatile beta	< 5.0	pCl/L	MT
0	Nonvolatile beta	< 2.0	pCl/L	QE
0	Total radium	1.3 ± 0.30	pCl/L	MT
0	Total radium	< 1.0	pCl/L	QE
0	Tritium	3.5 ± 0.40	pCl/ml	MT
0	Tritium	2.8 ± 0.40	pCl/ml	QE

WELL Y8B 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/00
 Depth to water: 28.10 ft (8.56 m) below TOC
 Water elevation: 118.50 ft (35.51 m) msl
 Sp. conductance: 140 µS/cm
 Water evacuated before sampling: 52 gal

Time: 10:50
 pH: 5.7
 Alkalinity: 14 mg/L
 Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.7	pH	MT
0	pH	5.7	pH	MT
0	pH	5.9	pH	QE
0	Specific conductance	85	µS/cm	MT
0	Specific conductance	85	µS/cm	MT
0	Specific conductance	92	µS/cm	QE
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 3.0	µg/L	MT
0	Arsenic	< 2.0	µg/L	QE
0	Barium	11	µg/L	MT
0	Barium	11	µg/L	MT
0	Barium	9.2	µg/L	QE
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 4.0	µg/L	MT
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	1,990	µg/L	MT
0	Calcium	2,060	µg/L	MT
0	Calcium	2,000	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	MT
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	7,640	µg/L	MT
0	Chloride	8,600	µg/L	MT
0	Chloride	6,900	µg/L	QE
0	Chloroform	< 0.40	µg/L	MT
0	Chloroform	< 1.0	µg/L	QE
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 5.0	µg/L	MT
0	Chromium	< 4.0	µg/L	QE
0	Copper	< 14	µg/L	MT
0	Copper	< 14	µg/L	MT
0	Copper	< 4.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	MT
0	Endrin	< 0.0060	µg/L	QE
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 250	µg/L	MT
0	Fluoride	< 100	µg/L	QE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	MT
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	QE
1	Iron	154	µg/L	MT
1	Iron	162	µg/L	MT
0	Iron	26	µg/L	QE
0	Lead	< 2.0	µg/L	MT
0	Lead	< 2.0	µg/L	MT
0	Lead	< 3.0	µg/L	QE
0	Magnesium	407	µg/L	MT
0	Magnesium	483	µg/L	MT
0	Magnesium	420	µg/L	QE
0	Manganese	7.9	µg/L	MT
0	Manganese	7.9	µg/L	MT
0	Manganese	5.7	µg/L	QE
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	MT
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	MT
0	Methoxychlor	< 0.50	µg/L	QE
1	Nickel	33	µg/L	MT
1	Nickel	36	µg/L	MT
0	Nickel	6.5	µg/L	QE
0	Nitrate as nitrogen	1,680	µg/L	MT
0	Nitrate as nitrogen	1,620	µg/L	MT
0	Nitrate as nitrogen	1,940	µg/L	QE
0	Phenols	< 5.0	µg/L	MT
0	Phenols	< 5.0	µg/L	QE

WELL Y8B 4A collected on 08/19/00, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Potassium	1,180	µg/L	MT
0	Potassium	1,280	µg/L	MT
0	Potassium	810	µg/L	QE
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 3.0	µg/L	MT
0	Selenium	< 2.0	µg/L	QE
0	Silica	7,670	µg/L	MT
0	Silica	7,630	µg/L	MT
0	Silica	6,800	µg/L	QE
0	Silver	< 0.60	µg/L	MT
0	Silver	< 0.60	µg/L	MT
0	Silver	< 2.0	µg/L	QE
1	Sodium	13,000	µg/L	MT
1	Sodium	14,300	µg/L	MT
1	Sodium	13,000	µg/L	QE
0	Sulfate	3,420	µg/L	MT
0	Sulfate	3,470	µg/L	MT
0	Sulfate	3,000	µg/L	QE
0	Tetrachloroethylene	< 0.40	µg/L	MT
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Total organic carbon	1,410	µg/L	MT
0	Total organic carbon	1,340	µg/L	MT
0	Total organic carbon	4,000	µg/L	QE
0	Total organic halogens	< 5.0	µg/L	MT
0	Total organic halogens	< 5.0	µg/L	QE
0	Total phosphates	188	µg/L	MT
1	Total phosphates	800	µg/L	QE
0	Toxaphene	< 0.24	µg/L	MT
0	Toxaphene	< 0.24	µg/L	QE
0	Trichloroethylene	< 0.40	µg/L	MT
0	Trichloroethylene	< 1.0	µg/L	QE
0	Zinc	21	µg/L	MT
0	Zinc	28	µg/L	MT
0	Zinc	11	µg/L	QE
0	1,1,1-Trichloroethane	< 0.40	µg/L	MT
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.40	µg/L	MT
0	2,4-Dichlorophenoxyacetic acid	< 0.40	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.070	µg/L	MT
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	Gross alpha	4.1 ± 2.3	pCl/L	MT
0	Gross alpha	< 2.0	pCl/L	QE
0	Nonvolatile beta	0.2 ± 3.7	pCl/L	MT
0	Nonvolatile beta	< 2.0	pCl/L	QE
0	Total radium	1.5 ± 0.30	pCl/L	MT
0	Total radium	0.80 ± 1.9	pCl/L	QE
0	Tritium	3.3 ± 0.40	pCl/ml	MT
0	Tritium	2.1 ± 0.30	pCl/ml	QE

WELL Y8C 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/00
 Depth to water: 109.81 ft (33.41 m) below TOC
 Water elevation: 161.29 ft (49.16 m) msl
 Sp. conductance: 48 µS/cm
 Water evacuated before sampling: 221 gal

Time: 10:30
 pH: 4.4
 Alkalinity: 0 mg/L
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	4.8	pH	QE
0	pH	4.7	pH	QE
0	Specific conductance	45	µS/cm	QE
0	Specific conductance	73	µS/cm	QE
0	Arsenic	< 2.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	10	µg/L	QE
0	Barium	10	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	2,800	µg/L	QE
0	Calcium	2,700	µg/L	QE
0	Chloride	1,900	µg/L	QE
0	Chloride	1,700	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Fluoride	< 100	µg/L	QE
0	Fluoride	< 100	µg/L	QE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	QE
0	gamma-Benzene hexachloride (Lindane)	< 0.0050	µg/L	QE
2	Iron	390	µg/L	QE
2	Iron	370	µg/L	QE

ANALYTICAL RESULTS

WELL YSC 1A collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Lead	4.0	µg/L	GE
0	Lead	0.0	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Magnesium	300	µg/L	GE
1	Manganese	31	µg/L	GE
1	Manganese	30	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	770	µg/L	GE
0	Potassium	710	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	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	1,000	µg/L	GE
0	Sulfate	9,900	µg/L	GE
1	Sulfate	10,300	µg/L	GE
0	Total dissolved solids	10,000	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	< 1.000	µg/L	GE
0	Total organic carbon	< 1.000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
1	Total phosphates	930	µg/L	GE
1	Total phosphates	950	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
1	Total activity	0.20 ± 1.3	pCi/ml	EM
1	Total radium	2.9 ± 3.5	pCi/l	GE
1	Total radium	2.6 ± 3.4	pCi/l	GE
0	Tritium	< 0.70	pCi/ml	GE
0	Tritium	< 0.70	pCi/ml	GE

WELL YSC 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
 Depth to water: 62.30 ft (18.99 m) below TOC
 Water elevation: 212.10 ft (64.65 m) msl
 Sp. conductance: 85 µS/cm
 Water evacuated before sampling: 4 gal
 The well went dry during purging

Time: 16:20
 pH: 9.6
 Alkalinity: 26 mg/l
 Water temperature: 22.7°C

LABORATORY ANALYSES:

Flag	Analyte	Result	Unit	Lab
2	pH	9.6	pH	GE
0	Specific conductance	73	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
1	Barium	63	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	9,200	µg/L	GE
0	Chloride	1,500	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	< 4.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	520	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	5,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE

WELL YSC 1C collected on 08/17/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Sodium	2,300	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic 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	2.4 ± 2.0	pCi/l	GE
1	Total activity	14 ± 1.5	pCi/ml	EM
0	Total radium	1.7 ± 3.3	pCi/l	GE
1	Tritium	11 ± 0.50	pCi/ml	GE

WELL YSC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
 Depth to water: 122.74 ft (37.41 m) below TOC
 Water elevation: 160.98 ft (49.06 m) msl
 Sp. conductance: 213 µS/cm
 Water evacuated before sampling: 315 gal

Time: 12:15
 pH: 10.1
 Alkalinity: 86 mg/l
 Water temperature: 22.1°C

LABORATORY ANALYSES:

Flag	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
1	Specific conductance	190	µS/cm	GE
1	Arsenic	3.0	µg/L	GE
1	Barium	50	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	22,000	µg/L	GE
0	Chloride	1,600	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
0	Iron	11	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
1	Potassium	8,500	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	4,000	µg/L	GE
0	Sulfate	9,900	µg/L	GE
0	Total dissolved solids	97,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
1	Total phosphates	1,100	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 ± 2.4	pCi/l	GE
0	Total activity	0.20 ± 1.2	pCi/ml	EM
0	Total radium	< 1.0	pCi/l	GE
0	Tritium	< 0.70	pCi/ml	GE

WELL YSC 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/90
 Depth to water: 71.61 ft (21.83 m) below TOC
 Water elevation: 212.39 ft (64.74 m) msl
 Sp. conductance: 102 µS/cm
 Water evacuated before sampling: 8 gal
 The well went dry during purging

Time: 16:40
 pH: 7.6
 Alkalinity: 39 mg/l
 Water temperature: 22.2°C

LABORATORY ANALYSES:

Flag	Analyte	Result	Unit	Lab
2	pH	8.4	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	16	µg/L	GE

ANALYTICAL RESULTS

WELL YSC 2D collected on 06/17/80, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
1	Calcium	12,000	µg/L	GE
0	Chloride	1,200	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	14	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	330	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,440	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	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	52,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	1,000	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
1	Gross alpha	11 ± 2.3	pCi/L	GE
1	Nonvolatile beta	10 ± 2.7	pCi/L	GE
1	Total activity	8.3 ± 1.6	pCi/mL	EM
2	Total radium	21 ± 4.9	pCi/L	GE
0	Tritium	5.8 ± 0.40	pCi/mL	GE

WELL YSC 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/80
 Depth to water: 88.88 ft (20.39 m) below TOC
 Water elevation: 222.72 ft (67.89 m) msl
 Sp. conductance: 98 µS/cm
 Water evacuated before sampling: 16 gal
 The well went dry during purging

Time: 16:00
 pH: 7.2
 Alkalinity: 33 mg/L
 Water temperature: 21.6°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	6.8	pH	GE
0	Specific conductance	89	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	12,000	µg/L	GE
0	Chloride	1,700	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	5.3	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	630	µg/L	GE
1	Manganese	49	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,630	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	60,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	510	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
1	Gross alpha	5.1 ± 1.6	pCi/L	GE
0	Nonvolatile beta	3.3 ± 2.3	pCi/L	GE
1	Total activity	16 ± 1.6	pCi/mL	EM
2	Total radium	7.1 ± 3.2	pCi/L	GE
1	Tritium	12 ± 0.50	pCi/mL	GE

WELL YSC 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/80
 Depth to water: 100.25 ft (30.56 m) below TOC
 Water elevation: 174.85 ft (53.23 m) msl
 Sp. conductance: 248 µS/cm
 Water evacuated before sampling: 347 gal

Time: 13:39
 pH: 7.8
 Alkalinity: 88 mg/L
 Water temperature: 20.9°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
1	pH	7.8	pH	GE
1	Specific conductance	234	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	25,000	µg/L	GE
0	Chloride	2,500	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	13	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	560	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	21,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
1	Sulfate	12,000	µg/L	GE
0	Total dissolved solids	139,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	Total phosphates	1,560	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	4.0	pCi/L	GE
1	Total activity	0.74 ± 1.3	pCi/mL	EM
0	Total radium	<1.0	pCi/L	GE
0	Tritium	<0.70	pCi/mL	GE

WELL Z 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/80
 Depth to water: 87.00 ft (20.42 m) below TOC
 Water elevation: 212.50 ft (64.77 m) msl
 Sp. conductance: 46 µS/cm
 Water evacuated before sampling: 1 gal

Time: 10:20
 pH: 5.1
 Water temperature: 22.1°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	pH	5.1	pH	MT
0	Nitrate as nitrogen	1,510	µg/L	MT
0	Sodium	3,070	µg/L	MT
0	Gross alpha	1.3 ± 0.85	pCi/L	EM
0	Nonvolatile beta	1.3 ± 0.94	pCi/L	EM
0	Tritium	7.8 ± 0.88	pCi/mL	EM

ANALYTICAL RESULTS

WELL ZBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: 59.22 ft (18.05 m) below TOC
 Water elevation: 231.88 ft (70.68 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 40 gal

Time: 14:05
 pH: 5.2
 Alkalinity: 0 mg/L
 Water temperature: 21.3°C

LABORATORY ANALYSES

Flag	Analyte	Result	Unit	Lab
0	Aluminum	<40	µg/L	MT
0	Aluminum	25	µg/L	GE
0	Antimony	<2.0	µg/L	MT
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	MT
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	MT
0	Barium	9.8	µg/L	GE
0	Benzene	<5.0	µg/L	MT
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	MT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	MT
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	MT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<3.0	µg/L	MT
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	MT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	MT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	MT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MT
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	MT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<5.0	µg/L	MT
0	Chromium	<4.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	MT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	MT
0	Dibromochloromethane	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	B 7.0	µg/L	MT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	MT
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	4.8	µg/L	MT
2	Lead	25	µg/L	GE
0	Mercury	<0.20	µg/L	MT
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,380	µg/L	MT
0	Nitrate as nitrogen	1,520	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	MT
0	Nitrite as nitrogen	<10.0	µg/L	GE
0	Selenium	<3.0	µg/L	MT
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	MT
0	Silver	<2.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	MT
0	Toluene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	MT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<5.0	µg/L	MT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	MT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	MT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	MT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	MT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	MT
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL ZBG 1 collected on 05/22/90, laboratory analyses (continued)

Flag	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<5.0	µg/L	MT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Gross alpha	<2.0	pCi/L	MT
0	Gross alpha	2.0±2.0	pCi/L	GE
0	Total radium	1.0±0.30	pCi/L	MT
0	Total radium	1.5±2.2	pCi/L	GE
1	Tritium	12±3.0	pCi/mL	MT
1	Tritium	17±0.50	pCi/mL	GE

WELL ZBG 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 The well was dry.

Time: 14:35

WELL ZBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/90
 Depth to water: 60.01 ft (18.29 m) below TOC
 Water elevation: 217.96 ft (66.44 m) msl
 Sp. conductance: 19 µS/cm
 Water evacuated before sampling: 19 gal

Time: 13:15
 pH: 5.2
 Alkalinity: 0 mg/L
 Water temperature: 20.3°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	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	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	5.4	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
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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Barium-140	<70	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	Gross alpha	<2.0	pCi/L	GE
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	<9.0	pCi/L	TE
0	Potassium-40	<80	pCi/L	TE

NOTES

WATER-LEVEL DATA

During second quarter 1990, water-level measurements were obtained for a special project on concurrent water elevations in the A/M Areas. Site custodians use these data in hydrogeologic interpretation. Only water levels were measured; no field measurements of water quality were done. Some wells not routinely monitored for the EPD/EMS groundwater monitoring program are included in these data. Ge-Hy Sampling of New Ellenton, SC, collected these data.

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:18
Depth to water: 141.47 ft (43.12 m) below TOC
Water elevation: 218.43 ft (66.58 m) msl
No water was evacuated before sampling.

WELL ABP 1DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:14
Depth to water: 140.90 ft (42.95 m) below TOC
Water elevation: 219.20 ft (66.81 m) msl
No water was evacuated before sampling.

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:47
Depth to water: 155.19 ft (47.30 m) below TOC
Water elevation: 216.71 ft (66.05 m) msl
No water was evacuated before sampling.

WELL ABP 2DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:44
Depth to water: 154.10 ft (46.97 m) below TOC
Water elevation: 216.50 ft (65.99 m) msl
No water was evacuated before sampling.

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:59
Depth to water: 134.60 ft (41.03 m) below TOC
Water elevation: 219.10 ft (66.78 m) msl
No water was evacuated before sampling.

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:53
Depth to water: 160.79 ft (49.01 m) below TOC
Water elevation: 193.71 ft (59.04 m) msl
No water was evacuated before sampling.

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:24
Depth to water: 148.18 ft (45.17 m) below TOC
Water elevation: 218.12 ft (65.87 m) msl
No water was evacuated before sampling.

WELL ABP 4DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:22
Depth to water: 147.95 ft (45.10 m) below TOC
Water elevation: 217.05 ft (66.16 m) msl
No water was evacuated before sampling.

WELL ABP 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:29
Depth to water: 148.66 ft (45.31 m) below TOC
Water elevation: 216.64 ft (66.03 m) msl
No water was evacuated before sampling.

WELL ABP 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:04
Depth to water: 147.17 ft (44.86 m) below TOC
Water elevation: 217.03 ft (66.15 m) msl
No water was evacuated before sampling.

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:37
Depth to water: 178.60 ft (54.44 m) below TOC
Water elevation: 193.50 ft (59.08 m) msl
No water was evacuated before sampling.

WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 8:40
Depth to water: 154.64 ft (47.13 m) below TOC
Water elevation: 216.26 ft (65.92 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 10:27
Depth to water: 102.12 ft (31.13 m) below TOC
Water elevation: 222.68 ft (67.87 m) msl
No water was evacuated before sampling.

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:54
Depth to water: 50.93 ft (15.52 m) below TOC
Water elevation: 211.17 ft (64.37 m) msl
No water was evacuated before sampling.

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 14:00
Depth to water: 125.73 ft (38.32 m) below TOC
Water elevation: 218.97 ft (66.74 m) msl
No water was evacuated before sampling.

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:38
Depth to water: 95.72 ft (29.18 m) below TOC
Water elevation: 208.58 ft (63.58 m) msl
No water was evacuated before sampling.

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:40
Depth to water: 93.91 ft (28.62 m) below TOC
Water elevation: 208.59 ft (63.58 m) msl
No water was evacuated before sampling.

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:13
Depth to water: 124.97 ft (38.09 m) below TOC
Water elevation: 234.63 ft (71.52 m) msl
No water was evacuated before sampling.

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:17
Depth to water: 114.41 ft (34.87 m) below TOC
Water elevation: 235.39 ft (71.75 m) msl
No water was evacuated before sampling.

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:42
Depth to water: 112.65 ft (34.34 m) below TOC
Water elevation: 235.65 ft (71.83 m) msl
No water was evacuated before sampling.

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:45
Depth to water: 122.92 ft (37.47 m) below TOC
Water elevation: 236.18 ft (71.99 m) msl
No water was evacuated before sampling.

WELL AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:52
Depth to water: 147.85 ft (45.07 m) below TOC
Water elevation: 231.75 ft (70.64 m) msl
No water was evacuated before sampling.

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:48
Depth to water: 145.34 ft (44.30 m) below TOC
Water elevation: 231.86 ft (70.67 m) msl
No water was evacuated before sampling.

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:44
Depth to water: 137.77 ft (41.99 m) below TOC
Water elevation: 232.13 ft (70.75 m) msl
No water was evacuated before sampling.

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:57
Depth to water: 137.87 ft (42.02 m) below TOC
Water elevation: 231.73 ft (70.63 m) msl
No water was evacuated before sampling.

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:01
Depth to water: 135.96 ft (41.44 m) below TOC
Water elevation: 231.94 ft (70.70 m) msl
No water was evacuated before sampling.

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:08
Depth to water: 132.64 ft (40.43 m) below TOC
Water elevation: 232.86 ft (70.98 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:06
Depth to water: 7.02 ft (2.14 m) below TOC
Water elevation: 358.38 ft (109.24 m) msl
No water was evacuated before sampling.

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:34
Depth to water: 130.65 ft (39.82 m) below TOC
Water elevation: 233.35 ft (71.13 m) msl
No water was evacuated before sampling.

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:40
Depth to water: 137.24 ft (41.83 m) below TOC
Water elevation: 232.56 ft (70.89 m) msl
No water was evacuated before sampling.

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:05
Depth to water: 106.88 ft (32.58 m) below TOC
Water elevation: 234.22 ft (71.39 m) msl
No water was evacuated before sampling.

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:00
Depth to water: 110.52 ft (33.69 m) below TOC
Water elevation: 234.88 ft (71.59 m) msl
No water was evacuated before sampling.

WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:49
Depth to water: 116.92 ft (35.64 m) below TOC
Water elevation: 235.68 ft (71.84 m) msl
No water was evacuated before sampling.

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:13
Depth to water: 123.28 ft (37.58 m) below TOC
Water elevation: 214.02 ft (65.23 m) msl
No water was evacuated before sampling.

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:18
Depth to water: 123.91 ft (37.77 m) below TOC
Water elevation: 215.89 ft (65.80 m) msl
No water was evacuated before sampling.

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:19
Depth to water: 113.31 ft (34.54 m) below TOC
Water elevation: 235.69 ft (71.84 m) msl
No water was evacuated before sampling.

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:14
Depth to water: 109.12 ft (33.26 m) below TOC
Water elevation: 235.68 ft (71.90 m) msl
No water was evacuated before sampling.

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 10:06
Depth to water: 99.61 ft (30.36 m) below TOC
Water elevation: 235.99 ft (71.93 m) msl
No water was evacuated before sampling.

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:08
Depth to water: 110.12 ft (33.56 m) below TOC
Water elevation: 234.88 ft (71.59 m) msl
No water was evacuated before sampling.

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:01
Depth to water: 115.94 ft (35.34 m) below TOC
Water elevation: 234.26 ft (71.40 m) msl
No water was evacuated before sampling.

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:58
Depth to water: 138.80 ft (42.31 m) below TOC
Water elevation: 215.40 ft (65.65 m) msl
No water was evacuated before sampling.

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:04
Depth to water: 120.47 ft (36.72 m) below TOC
Water elevation: 232.93 ft (71.00 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:25
Depth to water: 117.09 ft (35.69 m) below TOC
Water elevation: 231.91 ft (70.69 m) msl
No water was evacuated before sampling.

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:20
Depth to water: 132.74 ft (40.46 m) below TOC
Water elevation: 216.56 ft (66.01 m) msl
No water was evacuated before sampling.

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:19
Depth to water: 131.94 ft (40.22 m) below TOC
Water elevation: 217.66 ft (66.40 m) msl
No water was evacuated before sampling.

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:17
Depth to water: 128.31 ft (39.11 m) below TOC
Water elevation: 221.39 ft (67.48 m) msl
No water was evacuated before sampling.

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:23
Depth to water: 137.02 ft (41.76 m) below TOC
Water elevation: 212.56 ft (64.80 m) msl
No water was evacuated before sampling.

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 10:55
Depth to water: 70.91 ft (21.61 m) below TOC
Water elevation: 238.09 ft (72.57 m) msl
No water was evacuated before sampling.

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 10:54
Depth to water: 91.42 ft (27.87 m) below TOC
Water elevation: 217.58 ft (66.32 m) msl
No water was evacuated before sampling.

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 10:51
Depth to water: 92.22 ft (28.11 m) below TOC
Water elevation: 217.68 ft (66.35 m) msl
No water was evacuated before sampling.

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90 Time: 10:30
Depth to water: 48.54 ft (14.80 m) below TOC
Water elevation: 217.46 ft (66.28 m) msl
No water was evacuated before sampling.

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90 Time: 12:49
Depth to water: 49.14 ft (14.98 m) below TOC
Water elevation: 216.86 ft (66.10 m) msl
No water was evacuated before sampling.

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90 Time: 13:27
Depth to water: 49.59 ft (15.12 m) below TOC
Water elevation: 216.41 ft (66.06 m) msl
No water was evacuated before sampling.

WELL KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90 Time: 10:37
Depth to water: 38.28 ft (11.66 m) below TOC
Water elevation: 219.24 ft (66.83 m) msl
No water was evacuated before sampling.

WELL KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90 Time: 12:39
Depth to water: 39.29 ft (11.98 m) below TOC
Water elevation: 218.21 ft (66.51 m) msl
No water was evacuated before sampling.

WELL KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90 Time: 13:19
Depth to water: 39.88 ft (12.15 m) below TOC
Water elevation: 217.64 ft (66.34 m) msl
No water was evacuated before sampling.

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90 Time: 10:40
Depth to water: 37.66 ft (11.48 m) below TOC
Water elevation: 220.14 ft (67.10 m) msl
No water was evacuated before sampling.

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90 Time: 12:41
Depth to water: 38.40 ft (11.70 m) below TOC
Water elevation: 219.40 ft (66.87 m) msl
No water was evacuated before sampling.

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90 Time: 13:16
Depth to water: 39.09 ft (11.91 m) below TOC
Water elevation: 218.71 ft (66.66 m) msl
No water was evacuated before sampling.

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90 Time: 10:25
Depth to water: 43.64 ft (13.30 m) below TOC
Water elevation: 216.36 ft (65.95 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90 Time: 12:47
Depth to water: 44.17 ft (13.46 m) below TOC
Water elevation: 215.83 ft (65.79 m) msl
No water was evacuated before sampling.

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90 Time: 13:05
Depth to water: 44.65 ft (13.61 m) below TOC
Water elevation: 215.35 ft (65.64 m) msl
No water was evacuated before sampling.

WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90 Time: 10:17
Depth to water: 39.04 ft (11.90 m) below TOC
Water elevation: 219.96 ft (66.84 m) msl
No water was evacuated before sampling.

WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90 Time: 12:43
Depth to water: 39.71 ft (12.10 m) below TOC
Water elevation: 219.29 ft (66.84 m) msl
No water was evacuated before sampling.

WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90 Time: 13:12
Depth to water: 40.45 ft (12.33 m) below TOC
Water elevation: 218.55 ft (66.61 m) msl
No water was evacuated before sampling.

WELL KAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90 Time: 10:22
Depth to water: 39.28 ft (11.97 m) below TOC
Water elevation: 219.72 ft (66.97 m) msl
No water was evacuated before sampling.

WELL KAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90 Time: 12:45
Depth to water: 39.84 ft (12.14 m) below TOC
Water elevation: 219.16 ft (66.80 m) msl
No water was evacuated before sampling.

WELL KAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90 Time: 13:09
Depth to water: 40.61 ft (12.38 m) below TOC
Water elevation: 218.39 ft (66.57 m) msl
No water was evacuated before sampling.

WELL KAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/90 Time: 10:34
Depth to water: 47.48 ft (14.47 m) below TOC
Water elevation: 217.62 ft (66.33 m) msl
No water was evacuated before sampling.

WELL KAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/90 Time: 12:37
Depth to water: 47.98 ft (14.62 m) below TOC
Water elevation: 217.12 ft (66.16 m) msl
No water was evacuated before sampling.

WELL KAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/90 Time: 13:23
Depth to water: 48.43 ft (14.76 m) below TOC
Water elevation: 216.67 ft (66.04 m) msl
No water was evacuated before sampling.

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 8:00
Depth to water: 110.04 ft (33.54 m) below TOC
Water elevation: 218.36 ft (66.58 m) msl
No water was evacuated before sampling.

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 8:45
Depth to water: 131.07 ft (39.95 m) below TOC
Water elevation: 219.33 ft (66.85 m) msl
No water was evacuated before sampling.

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 8:30
Depth to water: 119.85 ft (36.53 m) below TOC
Water elevation: 219.75 ft (66.98 m) msl
No water was evacuated before sampling.

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 8:34
Depth to water: 147.18 ft (44.86 m) below TOC
Water elevation: 191.92 ft (58.50 m) msl
No water was evacuated before sampling.

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 8:23
Depth to water: 117.14 ft (35.70 m) below TOC
Water elevation: 214.96 ft (65.52 m) msl
No water was evacuated before sampling.

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 8:26
Depth to water: 139.88 ft (42.64 m) below TOC
Water elevation: 192.22 ft (58.59 m) msl
No water was evacuated before sampling.

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 8:38
Depth to water: 146.67 ft (44.71 m) below TOC
Water elevation: 191.03 ft (58.23 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL MCB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 8:50
Depth to water: 120.90 ft (36.85 m) below TOC
Water elevation: 219.90 ft (67.00 m) msl
No water was evacuated before sampling.

WELL MCB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 8:58
Depth to water: 124.94 ft (38.08 m) below TOC
Water elevation: 217.96 ft (66.44 m) msl
No water was evacuated before sampling.

WELL MSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:49
Depth to water: 119.58 ft (36.45 m) below TOC
Water elevation: 224.32 ft (68.37 m) msl
No water was evacuated before sampling.

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:11
Depth to water: 118.93 ft (36.25 m) below TOC
Water elevation: 225.57 ft (68.75 m) msl
No water was evacuated before sampling.

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:13
Depth to water: 139.78 ft (42.60 m) below TOC
Water elevation: 204.44 ft (62.31 m) msl
No water was evacuated before sampling.

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:15
Depth to water: 124.85 ft (38.05 m) below TOC
Water elevation: 219.75 ft (66.98 m) msl
No water was evacuated before sampling.

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:24
Depth to water: 117.24 ft (35.74 m) below TOC
Water elevation: 226.96 ft (69.18 m) msl
No water was evacuated before sampling.

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:22
Depth to water: 137.97 ft (42.05 m) below TOC
Water elevation: 205.93 ft (62.77 m) msl
No water was evacuated before sampling.

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:20
Depth to water: 126.40 ft (38.53 m) below TOC
Water elevation: 217.60 ft (66.33 m) msl
No water was evacuated before sampling.

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:04
Depth to water: 151.40 ft (46.15 m) below TOC
Water elevation: 208.00 ft (63.40 m) msl
No water was evacuated before sampling.

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:06
Depth to water: 131.15 ft (39.98 m) below TOC
Water elevation: 228.45 ft (69.63 m) msl
No water was evacuated before sampling.

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:49
Depth to water: 148.99 ft (45.41 m) below TOC
Water elevation: 206.01 ft (62.79 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:44
Depth to water: 146.85 ft (44.70 m) below TOC
Water elevation: 208.05 ft (63.41 m) msl
No water was evacuated before sampling

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:47
Depth to water: 129.60 ft (39.50 m) below TOC
Water elevation: 226.40 ft (69.01 m) msl
No water was evacuated before sampling.

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:18
Depth to water: 155.61 ft (47.43 m) below TOC
Water elevation: 209.29 ft (63.79 m) msl
No water was evacuated before sampling

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:14
Depth to water: 149.88 ft (45.68 m) below TOC
Water elevation: 214.92 ft (65.51 m) msl
No water was evacuated before sampling

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:12
Depth to water: 148.21 ft (45.17 m) below TOC
Water elevation: 216.69 ft (66.03 m) msl
No water was evacuated before sampling

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:10
Depth to water: 137.44 ft (41.89 m) below TOC
Water elevation: 227.76 ft (69.42 m) msl
No water was evacuated before sampling

WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
The well was dry

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling
There was insufficient water to fill all or some sample bottles

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:12
Depth to water: 142.90 ft (43.56 m) below TOC
Water elevation: 204.90 ft (62.45 m) msl
No water was evacuated before sampling

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:07
Depth to water: 134.03 ft (40.85 m) below TOC
Water elevation: 214.37 ft (65.34 m) msl
No water was evacuated before sampling

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:09
Depth to water: 128.15 ft (39.06 m) below TOC
Water elevation: 219.75 ft (66.98 m) msl
No water was evacuated before sampling.

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling
There was insufficient water to fill all or some sample bottles

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:00
Depth to water: 160.07 ft (48.79 m) below TOC
Water elevation: 188.43 ft (57.43 m) msl
No water was evacuated before sampling

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:03
Depth to water: 160.29 ft (48.86 m) below TOC
Water elevation: 188.61 ft (57.49 m) msl
No water was evacuated before sampling

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:02
Depth to water: 141.57 ft (43.15 m) below TOC
Water elevation: 203.63 ft (62.07 m) msl
No water was evacuated before sampling

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:04
Depth to water: 151.23 ft (46.10 m) below TOC
Water elevation: 194.37 ft (59.24 m) msl
No water was evacuated before sampling

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
The well was dry

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:52
Depth to water: 134.85 ft (41.10 m) below TOC
Water elevation: 213.45 ft (65.06 m) msl
No water was evacuated before sampling

WATER-LEVEL DATA

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:58
Depth to water: 133.55 ft (40.71 m) below TOC
Water elevation: 215.15 ft (65.58 m) msl
No water was evacuated before sampling.

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:31
Depth to water: 149.48 ft (45.56 m) below TOC
Water elevation: 217.72 ft (66.38 m) msl
No water was evacuated before sampling.

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:26
Depth to water: 157.78 ft (48.09 m) below TOC
Water elevation: 211.72 ft (64.53 m) msl
No water was evacuated before sampling.

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:29
Depth to water: 138.95 ft (42.35 m) below TOC
Water elevation: 229.85 ft (70.06 m) msl
No water was evacuated before sampling.

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 11:37
Depth to water: 149.60 ft (45.60 m) below TOC
Water elevation: 217.10 ft (66.17 m) msl
No water was evacuated before sampling.

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:23
Depth to water: 145.28 ft (44.28 m) below TOC
Water elevation: 212.72 ft (64.84 m) msl
No water was evacuated before sampling.

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:20
Depth to water: 135.68 ft (41.36 m) below TOC
Water elevation: 222.22 ft (67.73 m) msl
No water was evacuated before sampling.

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:17
Depth to water: 149.31 ft (45.51 m) below TOC
Water elevation: 209.99 ft (64.01 m) msl
No water was evacuated before sampling.

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
The well was dry.

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:26
Depth to water: 135.21 ft (41.21 m) below TOC
Water elevation: 224.99 ft (68.58 m) msl
No water was evacuated before sampling.

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:39
Depth to water: 132.50 ft (40.38 m) below TOC
Water elevation: 207.70 ft (63.31 m) msl
No water was evacuated before sampling.

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:41
Depth to water: 123.63 ft (37.68 m) below TOC
Water elevation: 216.67 ft (66.04 m) msl
No water was evacuated before sampling.

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:44
Depth to water: 118.40 ft (36.09 m) below TOC
Water elevation: 222.20 ft (67.73 m) msl
No water was evacuated before sampling.

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:31
Depth to water: 88.28 ft (26.91 m) below TOC
Water elevation: 211.22 ft (64.38 m) msl
No water was evacuated before sampling.

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:36
Depth to water: 85.95 ft (26.20 m) below TOC
Water elevation: 213.95 ft (65.21 m) msl
No water was evacuated before sampling.

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:34
Depth to water: 85.15 ft (25.86 m) below TOC
Water elevation: 235.05 ft (71.64 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:00
Depth to water: 138.90 ft (42.34 m) below TOC
Water elevation: 215.10 ft (65.56 m) msl
No water was evacuated before sampling

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:08
Depth to water: 135.97 ft (41.44 m) below TOC
Water elevation: 217.43 ft (66.27 m) msl
No water was evacuated before sampling

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:13
Depth to water: 138.88 ft (41.72 m) below TOC
Water elevation: 218.42 ft (66.58 m) msl
No water was evacuated before sampling

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:11
Depth to water: 127.05 ft (38.73 m) below TOC
Water elevation: 228.35 ft (69.59 m) msl
No water was evacuated before sampling

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:06
Depth to water: 164.11 ft (50.02 m) below TOC
Water elevation: 190.59 ft (58.09 m) msl
No water was evacuated before sampling

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:43
Depth to water: 151.36 ft (46.14 m) below TOC
Water elevation: 200.24 ft (61.13 m) msl
No water was evacuated before sampling

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:48
Depth to water: 177.85 ft (54.21 m) below TOC
Water elevation: 195.05 ft (59.45 m) msl
No water was evacuated before sampling

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:31
Depth to water: 145.83 ft (44.48 m) below TOC
Water elevation: 234.27 ft (71.41 m) msl
No water was evacuated before sampling

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:28
Depth to water: 159.02 ft (48.47 m) below TOC
Water elevation: 222.58 ft (67.84 m) msl
No water was evacuated before sampling

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:13
Depth to water: 153.17 ft (46.89 m) below TOC
Water elevation: 213.23 ft (64.99 m) msl
No water was evacuated before sampling

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:18
Depth to water: 139.46 ft (42.51 m) below TOC
Water elevation: 221.44 ft (67.50 m) msl
No water was evacuated before sampling

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:20
Depth to water: 146.54 ft (44.67 m) below TOC
Water elevation: 216.66 ft (66.04 m) msl
No water was evacuated before sampling

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:17
Depth to water: 138.71 ft (42.28 m) below TOC
Water elevation: 236.79 ft (72.17 m) msl
No water was evacuated before sampling

WATER-LEVEL DATA

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:22
Depth to water: 183.87 ft (48.93 m) below TOC
Water elevation: 222.83 ft (67.92 m) msl
No water was evacuated before sampling.

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:19
Depth to water: 192.23 ft (58.54 m) below TOC
Water elevation: 194.37 ft (59.24 m) msl
No water was evacuated before sampling.

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:30
Depth to water: 125.68 ft (38.30 m) below TOC
Water elevation: 228.74 ft (69.72 m) msl
No water was evacuated before sampling.

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:28
Depth to water: 133.03 ft (40.55 m) below TOC
Water elevation: 221.17 ft (67.41 m) msl
No water was evacuated before sampling.

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:20
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:27
Depth to water: 142.47 ft (43.43 m) below TOC
Water elevation: 222.73 ft (67.89 m) msl
No water was evacuated before sampling.

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:30
Depth to water: 135.77 ft (41.38 m) below TOC
Water elevation: 229.43 ft (69.93 m) msl
No water was evacuated before sampling.

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:24
Depth to water: 133.75 ft (40.77 m) below TOC
Water elevation: 231.35 ft (70.52 m) msl
No water was evacuated before sampling.

WELL MSB 29DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:32
Depth to water: 132.85 ft (40.48 m) below TOC
Water elevation: 231.75 ft (70.64 m) msl
No water was evacuated before sampling.

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:14
Depth to water: 185.84 ft (47.53 m) below TOC
Water elevation: 209.28 ft (63.78 m) msl
No water was evacuated before sampling.

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:44
Depth to water: 180.84 ft (48.98 m) below TOC
Water elevation: 193.98 ft (59.12 m) msl
No water was evacuated before sampling.

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:38
Depth to water: 130.82 ft (39.81 m) below TOC
Water elevation: 221.98 ft (67.66 m) msl
No water was evacuated before sampling.

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:38
Depth to water: 129.79 ft (39.56 m) below TOC
Water elevation: 223.31 ft (68.07 m) msl
No water was evacuated before sampling.

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:42
Depth to water: 125.18 ft (38.15 m) below TOC
Water elevation: 229.74 ft (70.03 m) msl
No water was evacuated before sampling.

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 13:40
Depth to water: 130.42 ft (39.75 m) below TOC
Water elevation: 223.28 ft (68.06 m) msl
No water was evacuated before sampling.

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:14
Depth to water: 154.88 ft (47.15 m) below TOC
Water elevation: 192.52 ft (58.68 m) msl
No water was evacuated before sampling.

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:19
Depth to water: 136.10 ft (41.48 m) below TOC
Water elevation: 211.40 ft (64.44 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:16
Depth to water: 115.33 ft (35.15 m) below TOC
Water elevation: 231.97 ft (70.71 m) msl
No water was evacuated before sampling.

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:22
Depth to water: 136.42 ft (41.58 m) below TOC
Water elevation: 212.38 ft (64.73 m) msl
No water was evacuated before sampling.

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:24
Depth to water: 31.48 ft (9.60 m) below TOC
Water elevation: 223.82 ft (68.22 m) msl
No water was evacuated before sampling.

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:07
Depth to water: 52.54 ft (16.01 m) below TOC
Water elevation: 202.86 ft (61.83 m) msl
No water was evacuated before sampling.

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:05
Depth to water: 48.43 ft (14.76 m) below TOC
Water elevation: 206.77 ft (63.02 m) msl
No water was evacuated before sampling.

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:03
Depth to water: 45.93 ft (14.00 m) below TOC
Water elevation: 209.37 ft (63.82 m) msl
No water was evacuated before sampling.

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:09
Depth to water: 63.27 ft (19.28 m) below TOC
Water elevation: 192.23 ft (58.59 m) msl
No water was evacuated before sampling.

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:33
Depth to water: 167.27 ft (50.98 m) below TOC
Water elevation: 215.93 ft (65.82 m) msl
No water was evacuated before sampling.

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:36
Depth to water: 157.94 ft (48.14 m) below TOC
Water elevation: 225.16 ft (68.63 m) msl
No water was evacuated before sampling.

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:39
Depth to water: 186.17 ft (56.75 m) below TOC
Water elevation: 196.33 ft (59.84 m) msl
No water was evacuated before sampling.

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:42
Depth to water: 185.47 ft (56.53 m) below TOC
Water elevation: 197.33 ft (60.15 m) msl
No water was evacuated before sampling.

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:54
Depth to water: 136.72 ft (41.67 m) below TOC
Water elevation: 214.38 ft (65.34 m) msl
No water was evacuated before sampling.

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:52
Depth to water: 134.09 ft (40.87 m) below TOC
Water elevation: 217.71 ft (66.36 m) msl
No water was evacuated before sampling.

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 12:56
Depth to water: 155.08 ft (47.27 m) below TOC
Water elevation: 185.32 ft (56.53 m) msl
No water was evacuated before sampling.

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:38
Depth to water: 133.17 ft (40.59 m) below TOC
Water elevation: 207.43 ft (63.23 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:35
Depth to water: 128.72 ft (39.23 m) below TOC
Water elevation: 211.98 ft (64.61 m) msl
No water was evacuated before sampling.

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:32
Depth to water: 128.76 ft (39.25 m) below TOC
Water elevation: 212.04 ft (64.63 m) msl
No water was evacuated before sampling.

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:41
Depth to water: 151.21 ft (46.09 m) below TOC
Water elevation: 189.39 ft (57.73 m) msl
No water was evacuated before sampling.

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:08
Depth to water: 179.86 ft (54.73 m) below TOC
Water elevation: 203.54 ft (62.04 m) msl
No water was evacuated before sampling.

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:09
Depth to water: 164.88 ft (50.26 m) below TOC
Water elevation: 217.92 ft (66.42 m) msl
No water was evacuated before sampling.

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:14
Depth to water: 155.72 ft (47.46 m) below TOC
Water elevation: 227.38 ft (69.31 m) msl
No water was evacuated before sampling.

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:06
Depth to water: 179.17 ft (54.61 m) below TOC
Water elevation: 203.23 ft (61.95 m) msl
No water was evacuated before sampling.

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 14:21
Depth to water: 148.03 ft (44.51 m) below TOC
Water elevation: 210.57 ft (64.18 m) msl
No water was evacuated before sampling.

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 14:23
Depth to water: 142.66 ft (43.48 m) below TOC
Water elevation: 213.64 ft (65.12 m) msl
No water was evacuated before sampling.

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 14:18
Depth to water: 186.60 ft (50.78 m) below TOC
Water elevation: 190.10 ft (57.94 m) msl
No water was evacuated before sampling.

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:26
Depth to water: 134.65 ft (41.04 m) below TOC
Water elevation: 206.95 ft (63.08 m) msl
No water was evacuated before sampling.

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:24
Depth to water: 132.02 ft (40.24 m) below TOC
Water elevation: 209.78 ft (63.94 m) msl
No water was evacuated before sampling.

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:22
Depth to water: 128.16 ft (39.06 m) below TOC
Water elevation: 213.34 ft (65.03 m) msl
No water was evacuated before sampling.

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:20
Depth to water: 111.40 ft (33.96 m) below TOC
Water elevation: 230.30 ft (70.20 m) msl
No water was evacuated before sampling.

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:29
Depth to water: 152.40 ft (46.45 m) below TOC
Water elevation: 189.40 ft (57.73 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:38
Depth to water: 120.78 ft (36.81 m) below TOC
Water elevation: 200.42 ft (61.09 m) msl
No water was evacuated before sampling.

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:35
Depth to water: 119.63 ft (36.46 m) below TOC
Water elevation: 202.07 ft (61.59 m) msl
No water was evacuated before sampling.

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:41
Depth to water: 134.29 ft (40.93 m) below TOC
Water elevation: 186.51 ft (56.85 m) msl
No water was evacuated before sampling.

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:16
Depth to water: 109.22 ft (33.29 m) below TOC
Water elevation: 214.58 ft (65.40 m) msl
No water was evacuated before sampling.

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:11
Depth to water: 109.34 ft (33.33 m) below TOC
Water elevation: 214.66 ft (65.43 m) msl
No water was evacuated before sampling.

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:07
Depth to water: 109.29 ft (33.31 m) below TOC
Water elevation: 215.31 ft (65.63 m) msl
No water was evacuated before sampling.

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:12
Depth to water: 120.78 ft (36.81 m) below TOC
Water elevation: 202.92 ft (61.85 m) msl
No water was evacuated before sampling.

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:55
Depth to water: 159.42 ft (48.59 m) below TOC
Water elevation: 217.18 ft (66.20 m) msl
No water was evacuated before sampling.

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:58
Depth to water: 151.95 ft (46.31 m) below TOC
Water elevation: 224.55 ft (68.44 m) msl
No water was evacuated before sampling.

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:01
Depth to water: 146.27 ft (44.58 m) below TOC
Water elevation: 230.23 ft (70.17 m) msl
No water was evacuated before sampling.

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:52
Depth to water: 175.42 ft (53.47 m) below TOC
Water elevation: 201.28 ft (61.35 m) msl
No water was evacuated before sampling.

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:44
Depth to water: 129.77 ft (39.55 m) below TOC
Water elevation: 228.13 ft (69.53 m) msl
No water was evacuated before sampling.

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:46
Depth to water: 129.71 ft (39.54 m) below TOC
Water elevation: 228.29 ft (69.58 m) msl
No water was evacuated before sampling.

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:49
Depth to water: 127.53 ft (38.87 m) below TOC
Water elevation: 229.97 ft (70.10 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL MSB 43DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:52
Depth to water: 127.30 ft (38.80 m) below TOC
Water elevation: 230.80 ft (70.35 m) msl
No water was evacuated before sampling.

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:40
Depth to water: 158.04 ft (48.17 m) below TOC
Water elevation: 199.56 ft (60.83 m) msl
No water was evacuated before sampling.

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:46
Depth to water: 161.53 ft (49.23 m) below TOC
Water elevation: 215.37 ft (65.65 m) msl
No water was evacuated before sampling.

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:46
Depth to water: 153.92 ft (46.92 m) below TOC
Water elevation: 223.18 ft (68.03 m) msl
No water was evacuated before sampling.

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:43
Depth to water: 143.75 ft (43.82 m) below TOC
Water elevation: 234.15 ft (71.37 m) msl
No water was evacuated before sampling.

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:26
Depth to water: 166.82 ft (50.85 m) below TOC
Water elevation: 214.28 ft (65.31 m) msl
No water was evacuated before sampling.

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 10:23
Depth to water: 156.54 ft (47.71 m) below TOC
Water elevation: 224.56 ft (68.45 m) msl
No water was evacuated before sampling.

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: Not available
The well was dry.

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:34
Depth to water: 159.02 ft (48.47 m) below TOC
Water elevation: 213.68 ft (65.13 m) msl
No water was evacuated before sampling.

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: Not available
The well was dry.

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:38
Depth to water: 143.11 ft (43.62 m) below TOC
Water elevation: 225.89 ft (68.85 m) msl
No water was evacuated before sampling.

WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:33
Depth to water: 151.63 ft (46.22 m) below TOC
Water elevation: 217.47 ft (66.29 m) msl
No water was evacuated before sampling.

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:41
Depth to water: 137.90 ft (42.03 m) below TOC
Water elevation: 231.40 ft (70.53 m) msl
No water was evacuated before sampling.

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:44
Depth to water: 136.82 ft (41.70 m) below TOC
Water elevation: 232.38 ft (70.83 m) msl
No water was evacuated before sampling.

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:36
Depth to water: 154.81 ft (47.19 m) below TOC
Water elevation: 214.19 ft (65.29 m) msl
No water was evacuated before sampling.

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:37
Depth to water: 141.77 ft (43.21 m) below TOC
Water elevation: 220.43 ft (67.19 m) msl
No water was evacuated before sampling.

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:41
Depth to water: 140.14 ft (42.72 m) below TOC
Water elevation: 221.76 ft (67.59 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:30
Depth to water: 140.56 ft (42.84 m) below TOC
Water elevation: 222.34 ft (67.77 m) msl
No water was evacuated before sampling.

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:34
Depth to water: 142.28 ft (43.37 m) below TOC
Water elevation: 220.12 ft (67.09 m) msl
No water was evacuated before sampling.

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:27
Depth to water: 140.88 ft (42.93 m) below TOC
Water elevation: 194.54 ft (59.30 m) msl
No water was evacuated before sampling.

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:30
Depth to water: 134.34 ft (40.95 m) below TOC
Water elevation: 200.46 ft (61.10 m) msl
No water was evacuated before sampling.

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:32
Depth to water: 109.58 ft (33.40 m) below TOC
Water elevation: 224.62 ft (68.47 m) msl
No water was evacuated before sampling.

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:58
Depth to water: 22.67 ft (6.91 m) below TOC
Water elevation: 201.33 ft (61.37 m) msl
No water was evacuated before sampling.

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 15:00
Depth to water: 21.98 ft (6.70 m) below TOC
Water elevation: 201.52 ft (61.42 m) msl
No water was evacuated before sampling.

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 15:15
Depth to water: 60.14 ft (18.33 m) below TOC
Water elevation: 203.36 ft (61.98 m) msl
No water was evacuated before sampling.

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 15:17
Depth to water: 53.56 ft (16.33 m) below TOC
Water elevation: 208.92 ft (63.68 m) msl
No water was evacuated before sampling.

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:29
Depth to water: 105.07 ft (32.03 m) below TOC
Water elevation: 216.83 ft (66.09 m) msl
No water was evacuated before sampling.

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 11:25
Depth to water: 85.76 ft (26.15 m) below TOC
Water elevation: 236.02 ft (71.94 m) msl
No water was evacuated before sampling.

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 10:17
Depth to water: 124.85 ft (38.05 m) below TOC
Water elevation: 219.75 ft (66.98 m) msl
No water was evacuated before sampling.

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 10:11
Depth to water: 124.89 ft (38.07 m) below TOC
Water elevation: 220.61 ft (67.24 m) msl
No water was evacuated before sampling.

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 10:15
Depth to water: 113.83 ft (34.70 m) below TOC
Water elevation: 231.27 ft (70.49 m) msl
No water was evacuated before sampling.

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:29
Depth to water: 153.79 ft (46.88 m) below TOC
Water elevation: 219.91 ft (67.03 m) msl
No water was evacuated before sampling.

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:33
Depth to water: 148.79 ft (45.35 m) below TOC
Water elevation: 224.91 ft (68.55 m) msl
No water was evacuated before sampling.

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WATER-LEVEL DATA

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:26
Depth to water: 156.67 ft (47.75 m) below TOC
Water elevation: 217.13 ft (66.18 m) msl
No water was evacuated before sampling.

WELL MSB 55E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:55
Depth to water: 149.22 ft (45.48 m) below TOC
Water elevation: 219.68 ft (66.96 m) msl
No water was evacuated before sampling.

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:01
Depth to water: 141.70 ft (43.11 m) below TOC
Water elevation: 227.80 ft (69.43 m) msl
No water was evacuated before sampling.

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:58
Depth to water: 137.65 ft (41.96 m) below TOC
Water elevation: 231.15 ft (70.46 m) msl
No water was evacuated before sampling.

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:52
Depth to water: 157.45 ft (47.99 m) below TOC
Water elevation: 211.35 ft (64.42 m) msl
No water was evacuated before sampling.

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:06
Depth to water: 59.99 ft (18.29 m) below TOC
Water elevation: 219.81 ft (67.00 m) msl
No water was evacuated before sampling.

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 10:32
Depth to water: 96.67 ft (29.47 m) below TOC
Water elevation: 220.93 ft (67.34 m) msl
No water was evacuated before sampling.

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 10:35
Depth to water: 95.28 ft (29.04 m) below TOC
Water elevation: 222.82 ft (67.92 m) msl
No water was evacuated before sampling.

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:35
Depth to water: 140.49 ft (42.82 m) below TOC
No water was evacuated before sampling.

WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 10:48
Depth to water: 128.00 ft (39.32 m) below TOC
Water elevation: 218.10 ft (66.48 m) msl
No water was evacuated before sampling.

WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:58
Depth to water: 143.27 ft (43.67 m) below TOC
Water elevation: 205.43 ft (62.62 m) msl
No water was evacuated before sampling.

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:54
Depth to water: 128.26 ft (39.09 m) below TOC
Water elevation: 220.44 ft (67.19 m) msl
No water was evacuated before sampling.

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 14:13
Depth to water: 117.47 ft (35.81 m) below TOC
Water elevation: 232.03 ft (70.72 m) msl
No water was evacuated before sampling.

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 15:19
Depth to water: 166.44 ft (50.73 m) below TOC
Water elevation: 217.06 ft (66.16 m) msl
No water was evacuated before sampling.

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 15:22
Depth to water: 155.93 ft (47.53 m) below TOC
Water elevation: 227.57 ft (69.36 m) msl
No water was evacuated before sampling.

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 15:24
Depth to water: 153.11 ft (46.67 m) below TOC
Water elevation: 230.19 ft (70.16 m) msl
No water was evacuated before sampling.

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 15:18
Depth to water: 180.30 ft (54.96 m) below TOC
Water elevation: 202.50 ft (61.72 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 15:41
Depth to water: 148.89 ft (45.38 m) below TOC
Water elevation: 216.21 ft (65.90 m) msl
No water was evacuated before sampling.

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 15:44
Depth to water: 138.57 ft (42.24 m) below TOC
Water elevation: 226.23 ft (68.96 m) msl
No water was evacuated before sampling.

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 15:47
Depth to water: 133.50 ft (40.69 m) below TOC
Water elevation: 231.50 ft (70.56 m) msl
No water was evacuated before sampling.

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:58
Depth to water: 140.01 ft (42.68 m) below TOC
Water elevation: 216.89 ft (66.11 m) msl
No water was evacuated before sampling.

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:53
Depth to water: 131.59 ft (40.11 m) below TOC
Water elevation: 225.11 ft (68.61 m) msl
No water was evacuated before sampling.

WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 14:55
Depth to water: 124.99 ft (38.10 m) below TOC
Water elevation: 232.01 ft (70.72 m) msl
No water was evacuated before sampling.

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:13
Depth to water: 163.13 ft (49.72 m) below TOC
Water elevation: 218.57 ft (66.62 m) msl
No water was evacuated before sampling.

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:16
Depth to water: 155.42 ft (47.37 m) below TOC
Water elevation: 226.38 ft (69.00 m) msl
No water was evacuated before sampling.

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:19
Depth to water: 150.51 ft (45.88 m) below TOC
Water elevation: 231.69 ft (70.62 m) msl
No water was evacuated before sampling.

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:10
Depth to water: 189.11 ft (51.55 m) below TOC
Water elevation: 212.39 ft (64.74 m) msl
No water was evacuated before sampling.

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:33
Depth to water: 147.02 ft (44.81 m) below TOC
Water elevation: 215.18 ft (65.59 m) msl
No water was evacuated before sampling.

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:47
Depth to water: 129.83 ft (39.60 m) below TOC
Water elevation: 215.17 ft (65.58 m) msl
No water was evacuated before sampling.

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:47
Depth to water: 130.64 ft (39.82 m) below TOC
Water elevation: 197.56 ft (60.22 m) msl
No water was evacuated before sampling.

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 9:23
Depth to water: 141.28 ft (43.06 m) below TOC
Water elevation: 199.12 ft (60.69 m) msl
No water was evacuated before sampling.

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:54
Depth to water: 105.71 ft (32.22 m) below TOC
Water elevation: 208.79 ft (63.64 m) msl
No water was evacuated before sampling.

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:51
Depth to water: 106.10 ft (32.34 m) below TOC
Water elevation: 208.90 ft (63.67 m) msl
No water was evacuated before sampling.

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 13:49
Depth to water: 84.17 ft (25.66 m) below TOC
Water elevation: 230.93 ft (70.39 m) msl
No water was evacuated before sampling.

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:27
Depth to water: 119.29 ft (36.36 m) below TOC
Water elevation: 207.41 ft (63.22 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 14:29
Depth to water: 120.27 ft (36.66 m) below TOC
Water elevation: 207.23 ft (63.16 m) msl
No water was evacuated before sampling.

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/90 Time: 12:54
Depth to water: 133.90 ft (40.81 m) below TOC
Water elevation: 218.90 ft (66.72 m) msl
No water was evacuated before sampling.

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:07
Depth to water: 143.25 ft (43.66 m) below TOC
Water elevation: 204.75 ft (62.41 m) msl
No water was evacuated before sampling.

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 9:10
Depth to water: 140.68 ft (42.88 m) below TOC
Water elevation: 207.12 ft (63.13 m) msl
No water was evacuated before sampling.

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 13:08
Depth to water: 146.73 ft (44.72 m) below TOC
Water elevation: 227.28 ft (69.28 m) msl
No water was evacuated before sampling.

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:41
Depth to water: 145.46 ft (44.34 m) below TOC
Water elevation: 226.64 ft (69.08 m) msl
No water was evacuated before sampling.

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:46
Depth to water: 133.94 ft (40.83 m) below TOC
Water elevation: 228.06 ft (69.51 m) msl
No water was evacuated before sampling.

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:03
Depth to water: 161.36 ft (49.18 m) below TOC
Water elevation: 219.44 ft (66.89 m) msl
No water was evacuated before sampling.

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:57
Depth to water: 158.42 ft (48.29 m) below TOC
Water elevation: 222.98 ft (67.97 m) msl
No water was evacuated before sampling.

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 12:00
Depth to water: 161.84 ft (49.38 m) below TOC
Water elevation: 219.06 ft (66.77 m) msl
No water was evacuated before sampling.

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/90 Time: 11:49
Depth to water: 135.84 ft (41.40 m) below TOC
No water was evacuated before sampling.

WELL SLW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 10:38
Depth to water: 136.66 ft (41.65 m) below TOC
Water elevation: 167.44 ft (51.04 m) msl
No water was evacuated before sampling.

WELL SLW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 11:23
Depth to water: 125.79 ft (38.34 m) below TOC
Water elevation: 178.81 ft (54.50 m) msl
No water was evacuated before sampling.

WELL SLW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 11:16
Depth to water: 94.66 ft (28.85 m) below TOC
Water elevation: 184.04 ft (56.10 m) msl
No water was evacuated before sampling.

WELL SLW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 10:44
Depth to water: 108.47 ft (33.06 m) below TOC
Water elevation: 192.23 ft (58.59 m) msl
No water was evacuated before sampling.

WELL SLW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 10:55
Depth to water: 49.99 ft (15.24 m) below TOC
Water elevation: 192.01 ft (58.53 m) msl
No water was evacuated before sampling.

WELL SLW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 10:50
Depth to water: 54.85 ft (16.72 m) below TOC
Water elevation: 196.65 ft (59.94 m) msl
No water was evacuated before sampling.

WELL SLW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 11:03
Depth to water: 61.80 ft (18.84 m) below TOC
Water elevation: 189.30 ft (57.60 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL SLW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/90 Time: 11:08
Depth to water: 64.18 ft (19.56 m) below TOC
Water elevation: 193.32 ft (58.92 m) msl
No water was evacuated before sampling.

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:32
Depth to water: 108.54 ft (33.08 m) below TOC
Water elevation: 212.06 ft (64.64 m) msl
No water was evacuated before sampling.

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:35
Depth to water: 118.37 ft (35.47 m) below TOC
Water elevation: 204.23 ft (62.25 m) msl
No water was evacuated before sampling.

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:38
Depth to water: 115.29 ft (35.14 m) below TOC
Water elevation: 205.31 ft (62.58 m) msl
No water was evacuated before sampling.

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:28
Depth to water: 121.12 ft (36.92 m) below TOC
Water elevation: 210.98 ft (64.31 m) msl
No water was evacuated before sampling.

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:52
Depth to water: 100.68 ft (30.69 m) below TOC
Water elevation: 208.72 ft (63.62 m) msl
No water was evacuated before sampling.

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:41
Depth to water: 98.25 ft (29.95 m) below TOC
Water elevation: 209.45 ft (63.84 m) msl
No water was evacuated before sampling.

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:49
Depth to water: 90.90 ft (27.71 m) below TOC
Water elevation: 208.20 ft (63.46 m) msl
No water was evacuated before sampling.

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:13
Depth to water: 82.14 ft (25.04 m) below TOC
Water elevation: 205.96 ft (62.78 m) msl
No water was evacuated before sampling.

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:26
Depth to water: 57.14 ft (17.42 m) below TOC
Water elevation: 196.28 ft (59.82 m) msl
No water was evacuated before sampling.

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:28
Depth to water: 57.10 ft (17.40 m) below TOC
Water elevation: 196.20 ft (59.80 m) msl
No water was evacuated before sampling.

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:31
Depth to water: 56.28 ft (17.15 m) below TOC
Water elevation: 197.14 ft (60.09 m) msl
No water was evacuated before sampling.

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:46
Depth to water: 88.01 ft (26.83 m) below TOC
Water elevation: 207.79 ft (63.34 m) msl
No water was evacuated before sampling.

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:17
Depth to water: 44.54 ft (13.58 m) below TOC
Water elevation: 191.76 ft (58.45 m) msl
No water was evacuated before sampling.

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:20
Depth to water: 49.71 ft (15.15 m) below TOC
Water elevation: 188.59 ft (58.87 m) msl
No water was evacuated before sampling.

WATER-LEVEL DATA

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:22
Depth to water: 43.29 ft (13.19 m) below TOC
Water elevation: 193.01 ft (58.83 m) msl
No water was evacuated before sampling.

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:06
Depth to water: 98.84 ft (30.13 m) below TOC
Water elevation: 198.86 ft (60.61 m) msl
No water was evacuated before sampling.

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:08
Depth to water: 97.38 ft (29.68 m) below TOC
Water elevation: 200.32 ft (61.02 m) msl
No water was evacuated before sampling.

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:10
Depth to water: 90.95 ft (27.72 m) below TOC
Water elevation: 206.75 ft (63.02 m) msl
No water was evacuated before sampling.

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:57
Depth to water: 128.01 ft (38.41 m) below TOC
Water elevation: 200.99 ft (61.26 m) msl
No water was evacuated before sampling.

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:00
Depth to water: 124.15 ft (37.84 m) below TOC
Water elevation: 202.75 ft (61.80 m) msl
No water was evacuated before sampling.

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: Not available
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:15
Depth to water: 112.09 ft (34.17 m) below TOC
Water elevation: 207.01 ft (63.10 m) msl
No water was evacuated before sampling.

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:18
Depth to water: 111.86 ft (34.10 m) below TOC
Water elevation: 207.24 ft (63.17 m) msl
No water was evacuated before sampling.

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 16:22
Depth to water: 108.89 ft (33.19 m) below TOC
Water elevation: 210.21 ft (64.07 m) msl
No water was evacuated before sampling.

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:40
Depth to water: 135.15 ft (41.19 m) below TOC
Water elevation: 211.65 ft (64.51 m) msl
No water was evacuated before sampling.

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:43
Depth to water: 134.45 ft (40.98 m) below TOC
Water elevation: 212.35 ft (64.73 m) msl
No water was evacuated before sampling.

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/90 Time: 17:46
Depth to water: 133.69 ft (40.75 m) below TOC
Water elevation: 212.91 ft (64.90 m) msl
No water was evacuated before sampling.

WELL YSC 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/90 Time: 10:54
Depth to water: 57.18 ft (17.43 m) below TOC
Water elevation: 217.22 ft (66.21 m) msl
No water was evacuated before sampling.

WELL YSC 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/90 Time: 9:53
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

WELL YSC 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/90 Time: 13:35
Depth to water: 120.67 ft (36.78 m) below TOC
Water elevation: 169.53 ft (51.67 m) msl
No water was evacuated before sampling.

SITE INDEX BY WELL SERIES

<u>Well Series</u>	<u>Site</u>
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
FAL	F-Area A Line

SITE INDEX BY WELL SERIES

<u>Well Series</u>	<u>Site</u>
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
KSB	K-Area Reactor Seepage Basin
KSS	K-Area Sludge Land Application Site

SITE INDEX BY WELL SERIES

<u>Well Series</u>	<u>Site</u>
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
MSB	M-Area Hazardous Waste Management Facility (HWMF) M-Area Plume Definition 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
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

SITE INDEX BY WELL SERIES

<u>Well Series</u>	<u>Site</u>
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.

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 when groundwater contamination is first detected at RCRA sites, with additional analyses made once a year following detection.

Associated Samples: Samples analyzed in the same batch as a blind blank or a laboratory blank.

Auger Drilling 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 Blanks: Deionized and filtered water analyzed as a sample under an alias well name.

Blind Replicate: Second result generated from a sample taken from the same well at the same time as the primary sample; the second sample is assigned an alias well name and is "blind" to the laboratory; commonly associated terms are "blind replicate, replicate sample, replicate analysis," and "replicate."

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.

GLOSSARY

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.

Comprehensive Analyses: 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: Sampling method 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: 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 ownership of the Savannah River Plant (now Savannah River Site).

Duplicate Result: A second result generated by the laboratory from the same sample from which the original result was generated.

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 = $3.4 \times 10^3 = 3400$.

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.

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.

Ge-Hy: Ge-Hy Sampling of New Ellenton, SC.

General Engineering: General Engineering Laboratories of Charleston, SC.

Geophysical Logging: Process of acquiring the geophysical characteristics (naturally occurring gamma radiation emission, electrical resistance, seismic properties, etc.) of litho-stratigraphic units within wells for correlation and facies modeling.

gpm: Gallons per minute.

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.

GLOSSARY

Hollow Stem Augering: 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.

IWMF: Hazardous Waste Management Facility.

Interlaboratory: Comparisons conducted between two or more laboratories.

Internal Blanks: Deionized water samples analyzed with each batch of samples by the laboratory (same as Laboratory Blank).

Intralaboratory: Comparisons conducted within a single laboratory.

IWP: Industrial Waste Permit.

J: Code used in the analytical data tables to indicate an estimated value.

Laboratory Blank: Deionized water sample analyzed with each batch of samples by the laboratory (same as Internal Blank).

Lithology: 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.

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.

MWMP: Mixed Waste Management Facility.

Mud Rotary Method: 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.

Pump: To remove water from a well by using a stationary device to force water to the top of the well up a tube or pipe.

Purge: To remove water prior to sampling, generally by pumping or bailing.

PVC: Polyvinyl chloride.

QA: Quality assurance.

R: Replicate analysis.

Radioisotopes: Radioactive isotopes.

RCRA: Resource Conservation and Recovery Act.

RDL: Reference detection limit.

Reference Detection Limit: 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: See Blind Replicate.

RFI: RCRA Facility Investigation.

GLOSSARY

Sample Aliquot: Representative sample of a larger quantity.

SCDHHC: South Carolina Department of Health and Environmental Control.

SCHWMR: South Carolina Hazardous Waste Management Regulations.

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.

Split-Spoon Sampling: 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.

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.

t-test: Statistical method used to determine if the means of groups of observations are equal.

Turbidity: Measure of sediment or suspended foreign particle concentrations in solution.

(U): Unclassified.

µg/L: Micrograms per liter.

µmhos/cm: Micromhos per centimeter (equivalent to microsiemens per centimeter).

USDWS: United States Public Health Service drinking water standard.

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).

GLOSSARY

WEGS: Westinghouse Environmental and Geotechnical Services of Columbia, SC.

Well Volume: Volume of water standing inside the well casing.

WSRC: Westinghouse Savannah River Company.

μmhos : Micromhos.

$\mu\text{S/cm}$: Microsiemens per centimeter (equivalent to micromhos per centimeter).

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