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THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

The Savannah River Site's Groundwater Monitoring Program

FOURTH QUARTER 1999 (U)
(October through December 1999)

Environmental Protection Department
Westinghouse Savannah River Company
Aiken, SC

and

Exploration Resources, Inc.
Athens, GA

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Savannah River Site
Aiken, SC 29808

SAFETY • RESPONSIBILITY • SECURITY
SRS
SAVANNAH RIVER SITE

Prepared for the U.S. Department of Energy under Contract No. AB60294N

This Quarter at a Glance . . .

Executive Summary—table of all analytes detected at or above Flag 2 criteria
Flagging Criteria—standards for flagging results
Sample Scheduling—description of the sampling schedule
Field Notes—comments from the field-data books
Analytical Data Review—discrepancies in each laboratory's analytical data; laboratory-specific methods and estimated quantitation limits
Quality Control Samples—discussion of the quality of the analytical data in terms of precision, accuracy, representativeness, comparability, and completeness
Site Index—table of the well series and their site locations; also discusses the history of the sites
Appendices:
A. Water-Level Data—tables listing field data obtained for hydrogeologic studies
B. Analytical Results—tables listing the quarter's analytical results and field data
C. Sampling Blanks Results—tables listing all verified and validated analytical results for sampling blanks for the quarter

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The Savannah River Site (SRS) was constructed to produce basic materials used in nuclear weapons, primarily tritium and plutonium-239. Five reactors—along with support facilities—were built to produce and purify these materials.

SRS is divided into the following areas, based on production and other functions:

- reactor materials area (M)
- reactor areas (C, K, L, P, and R)
- heavy water reprocessing area (D)
- separations areas (F and H)
- waste management areas (E, F, H, S, and Z)
- administration area (A)
- other areas (B, N, TNX, and G)

Since the end of the Cold War, SRS has shut down several facilities because of declining defense requirements. These included all five reactors and facilities in M Area, D Area, and TNX. However, E Area, S Area, and Z Area opened to support waste management activities.

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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 fourth quarter 1999, EPD/EMS conducted extensive sampling of monitoring wells.

EPD/EMS has established two sets of flagging criteria to assist in managing sample results. The flagging criteria do not define contamination levels; instead, they aid personnel in sample scheduling, data interpretation, and trend identification. Since 1991, the flagging criteria have been based on the U.S. Environmental Protection Agency (EPA) drinking water standards and on method detection limits. A detailed explanation of the flagging criteria is presented in the **Flagging Criteria** section of this document. Analytical results from fourth quarter 1999 are included in this report, an electronic copy of which is made available to all site custodians.

One or more analytes exceeded Flag 2 criteria during fourth quarter 1999 in 60 monitoring well series. Analytes exceeded the current Flag 2 criteria for the first time since 1984 in 5 of those 60 monitoring well series.

Table 1, organized alphabetically by well series, lists those well series with analytical results above Flag 2 criteria during fourth quarter 1999. Results from all laboratory analyses that underwent the standard verification and validation process are used to generate this table. Specific conductance and pH data from field measurements also are included in this table.

Table 1. Analytes above Flag 2 Criteria

Site	*Well Series*	*Analytes above Flag 2 Criteria*
A-Area Metals Burning Pit	ABP	Aluminum, iron, tetrachloroethylene, trichloroethylene
A-Area Burning/Rubble Pits	ARP	Aluminum, dichloromethane, iron, tetrachloroethylene, total organic halogens, trichloroethylene
Mixed Waste Management Facility (Site 643-28E) and Low-Level Radioactive Waste Disposal Facility (643-7E)	BGO	Aluminum, dissolved, aluminum, antimony, carbon-14, carbon tetrachloride, chloroethene, **chromium**, dichlorodifluoromethane, 1,1-dichloroethane, cis-1,2-dichloroethylene, 1,1-dichloroethylene, **1,2-dichloroethylene**, gross alpha, iodine-129, iron, lead, lithium, manganese, nonvolatile beta, pH, radium-226, specific conductance, strontium-90, tetrachloroethylene, total organic carbon, total organic halogens, trichloroethylene, tritium
E–Area Vaults	BGX	Aluminum, iron, lead, manganese, pH, specific conductance, tetrachloroethylene, trichloroethylene, tritium
Old Burial Ground (643-E)	BSE	Aluminum, gross alpha, iron, **radium-226**, specific conductance, trichloroethylene, tritium
N-Area (Central Shops) Diesel Spill Characterization and Remediation Wells	CSD	Aluminum, iron
Central Shops Sewage Sludge Lagoon	CSL	Bis(2-ethylhexyl) phthalate
D-Area Coal Pile Runoff Containment Basin and Ash Basin	DCB	Aluminum, beryllium, iron, manganese, specific conductance, tetrachloroethylene, trichloroethylene

Site	*Well Series*	*Analytes above Flag 2 Criteria*
D-Area Oil Seepage Basin	DOB	Tetrachloroethylene, trichloroethylene
F-Area Effluent Treatment Cooling Water Basin	FET	Aluminum, iron
F-Area Seepage Basins Remediation Injection Tank	FIN	Aluminum, 1,2-dichloroethane, iodine-129, manganese, specific conductance, strontium-89/90, strontium-90, uranium-238, uranium
Old F-Area Seepage Basin	FNB	Aluminum, manganese
F-Area Seepage Basins	FSB	Aluminum, beryllium, cadmium, cobalt, gross alpha, iron, nickel, nitrate-nitrite as nitrogen, nonvolatile beta, pH, selenium, specific conductance, tritium
F-Area Inactive Process Sewer Line	FSL	Aluminum, cadmium, gross alpha, iron, nitrate-nitrite as nitrogen, nonvolatile beta, specific conductance, tritium
F-Area Sludge Land Application Site	FSS	Aluminum, iron, dissolved, iron, tritium
F-Area Tank Farm	FTF	Aluminum, gross alpha, nonvolatile beta, pH, specific conductance
H-Area Tank Farm Operable Unit	HAA	Aluminum, iron
H-Area Auxiliary Pump Pit	HAP	Aluminum
H-Area Canyon Building	HCA	Aluminum, iron, lead, manganese, pH, tetrachloroethylene, **total organic halogens**, trichloroethylene
H-Area Coal Pile Runoff Containment Basin	HCB	Aluminum, manganese
H-Area Effluent Treatment Cooling Water Basin	HET	Aluminum, iron, **total organic halogens**
H-Area Seepage Basins Remediation Injection Tank	HIN	Iodine-129, radium-226
Hazardous Waste/Mixed Waste Disposal Facility	HMD	Aluminum, iron, lead, tritium
H-Area Retention Basin	HR8	Aluminum, iron
H-Area Seepage Basins	HSB	Aluminum, dissolved, aluminum, gross alpha, iron, mercury, nitrate-nitrite as nitrogen, nonvolatile beta, pH, specific conductance, tritium
H-Area Inactive Process Sewer Line	HSL	Tritium
H-Area Tank Farm	HTF	Aluminum
K-Area Coal Pile Runoff Basin	KCB	Aluminum, iron, manganese
K-Area Disassembly Basin	KDB	Tritium
K-Area Burning/Rubble Pit	KRP	Aluminum, manganese

Site	*Well Series*	*Analytes above Flag 2 Criteria*
K-Area Reactor Seepage Basin	KSB	Trichloroethylene
L-Area Acid/Caustic Basin	LAC	Aluminum, iron
L-Area Research Wells	LAW	Tritium
L-Area Disassembly Basin	LDB	Tritium
Interim Sanitary Landfill	LFW	Aluminum, benzene, chloroethene, 1,4-dichlorobenzene, dichlorodifluoromethane, 1,1-dichloroethane, gross alpha, iron, lead, tetrachloroethylene, trichloroethylene, trichlorofluoromethane, tritium
L-Area Burning/Rubble Pit	LRP	Aluminum, iron
L-Area Reactor Seepage Basin	LSB	Aluminum, iron
M-Area Hazardous Waste Management Facility (HWMF)	MSB	Aluminum, iron, lead
Wells Between the F-Area Canyon Building and the Naval Fuel Material Facility	NBG	Aluminum, iron, lead, trichloroethylene
B-Area Microbiology Wells	P	Iron
P-Area Coal Pile Runoff Containment Basin	PCB	Aluminum, iron, manganese
P-Area Disassembly Basin	PDB	Aluminum, lead
P-Area Burning/Rubble Pit	PRP	Aluminum, 1,1-dichloroethylene, trichloroethylene
R-Area Acid/Caustic Basin	RAC	Aluminum
R-Area Disassembly Basin	RDB	Aluminum, iron, manganese
R-Area Burning/Rubble Pits	RRP	Aluminum, gross alpha, iron, **nonvolatile beta**
Series D, R-Area Reactor Seepage Basins	RSD	Aluminum, iron
Series E, R-Area Reactor Seepage Basins	RSE	Aluminum, iron
A/M-Area Recovery Well Network	RWM	Dichloromethane, tetrachloroethylene, trichloroethylene
S-Area Defense Waste Processing Facility	SBG	Aluminum
S-Area Vitrification Building	SCA	Aluminum, iron, manganese
S-Area Low Point Pump Pit	SLP	Aluminum
Silverton Road Waste Site	SRW	Carbon tetrachloride
TNX Burying Ground	TBG	Carbon tetrachloride, gross alpha, manganese, mercury, nitrate as nitrogen, nitrate-nitrite as nitrogen, radium-226, tetrachloroethylene, trichloroethylene

Site	*Well Series*	*Analytes above Flag 2 Criteria*
TNX-Area Operable Unit	TCM	Gross alpha, manganese, trichloroethylene
TNX-Area Operable Unit	TIR	Manganese, trichloroethylene
TNX-Area Assessment Wells	TNX	Carbon tetrachloride, gross alpha, manganese, trichloroethylene
TNX-Area Recovery Wells	TRW	Carbon tetrachloride, manganese, trichloroethylene
Old TNX Seepage Basin	XSB	Lead, nitrate as nitrogen, nitrate-nitrite as nitrogen, trichloroethylene
Y-Area Waste Solidification and Disposal Facility	YSC	Aluminum, iron, manganese

Note: The groundwater samples are unfiltered. Therefore, the results for metals are for total recoverable metals. Analytes in bold were detected at levels above the current Flag 2 criteria for the first time since 1984.

Introduction

This report summarizes the Groundwater Monitoring Program conducted by SRS during fourth quarter 1999. It includes the analytical data, field data, data review, quality control, and other documentation for this program; provides a record of the program's activities; and serves as an official record of the analytical results.

EPD/EMS is responsible for providing drilling, sampling, and analytical and data management support for the SRS Groundwater Monitoring Program at approximately 135 waste sites in 17 areas at SRS (see figures 1 and 2 at the end of this section). The majority of this monitoring is required by U.S. Department of Energy (DOE) orders and by federal and state regulations administered by the USEPA 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 sampling and analytical schedules
- collection and analysis 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 the Environmental Protection Department

The custodian of each waste site is responsible for informing EPD/EMS of sampling and analytical requirements and special requests for the sampling schedule, assisting in review of the data, and making any decisions regarding groundwater monitoring at the waste site.

Each custodian has access to an electronic copy of this report. Each custodian also receives site-specific data on request.

ORGANIZATION OF THIS REPORT

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

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

During sample collection, samplers write comments in the field logbooks that may be pertinent to the analysis of samples. Many of the comments concern wells that went dry during sampling or water that appeared colored, turbid, or aerated. These comments are included in the **Field Notes** section.

Samples are analyzed by the EPD/EMS (EM Lab or EM) Radiological Laboratory at SRS and by one or more off-site laboratories. During fourth quarter 1999, EMAX Laboratories, Inc. (EX), of Torrance, CA; General Engineering Laboratories (GE), of Charleston, SC; and Recra LabNet Philadelphia (WA), of Lionville, PA, were the primary off-site laboratories. Radionuclide analyses were conducted by Environmental Physics, Inc. (GP), for GE, and Thermo NUtech (TM), a subcontractor for WA. The GE Mobile Laboratory (ML) performed some on-site volatile organics,

semivolatile organics, and metals analyses. The **Analytical Data Review** section contains three subsections. The **GIMS Data Review Module** subsection discusses automated data management activities at EPD/EMS. The **Review of the Analytical Data** subsection includes a discussion of discrepancies in each laboratory's analytical data, including results that were considerably higher or lower than previous results. This subsection also includes information about the analytical narratives that were used as reference materials throughout the data validation process. The **Analytical Methods** subsection lists the methods the laboratories used for measuring concentrations of each analyte.

The **Quality Control Samples** section contains five subsections and discusses the analytical data in terms of the following indicators of data quality: precision, accuracy, representativeness, comparability, and completeness. The **Precision** subsection explains the replicate analysis program, gives the statistical methods used for comparison, and lists the results of the comparisons between the replicate and duplicate analyses. The **Accuracy** subsection examines the relationship between an observed value and an accepted reference value and/or the measure of the over- or underestimation of reported concentrations. The **Representativeness** subsection describes how groundwater samples can be affected to produce results that may be biased positively or negatively. The **Comparability** subsection discusses whether the laboratories use the same standardized procedures for sample preparation and analysis, whether the reporting units are the same, and whether similar quantitation limits were obtained. The **Completeness** section evaluates the amount of useable data that resulted from the data collection.

The **Site Index** section lists and gives a description of the sites associated with each well series, as well as historical information for the sites. A list of terms, abbreviations, and acronyms used in this report can be found in the **Glossary** section. References cited are included in the **References** section. The **Addendum** section includes corrected information erroneously reported in last quarter's report.

The **Water-Level Data** section (**Appendix A**) includes concurrent water elevations obtained in A/M and other areas; these data are used by SRS personnel in hydrogeologic studies. The **Analytical Results** section (**Appendix B**) includes tables listing the verified and validated analytical results from all laboratories and field data for all wells sampled during the quarter. The tables appear in alphabetical order by well name. The **Sampling Blanks Results** section (**Appendix C**) contains tables listing the analytical results of laboratory tests on sampling blanks.

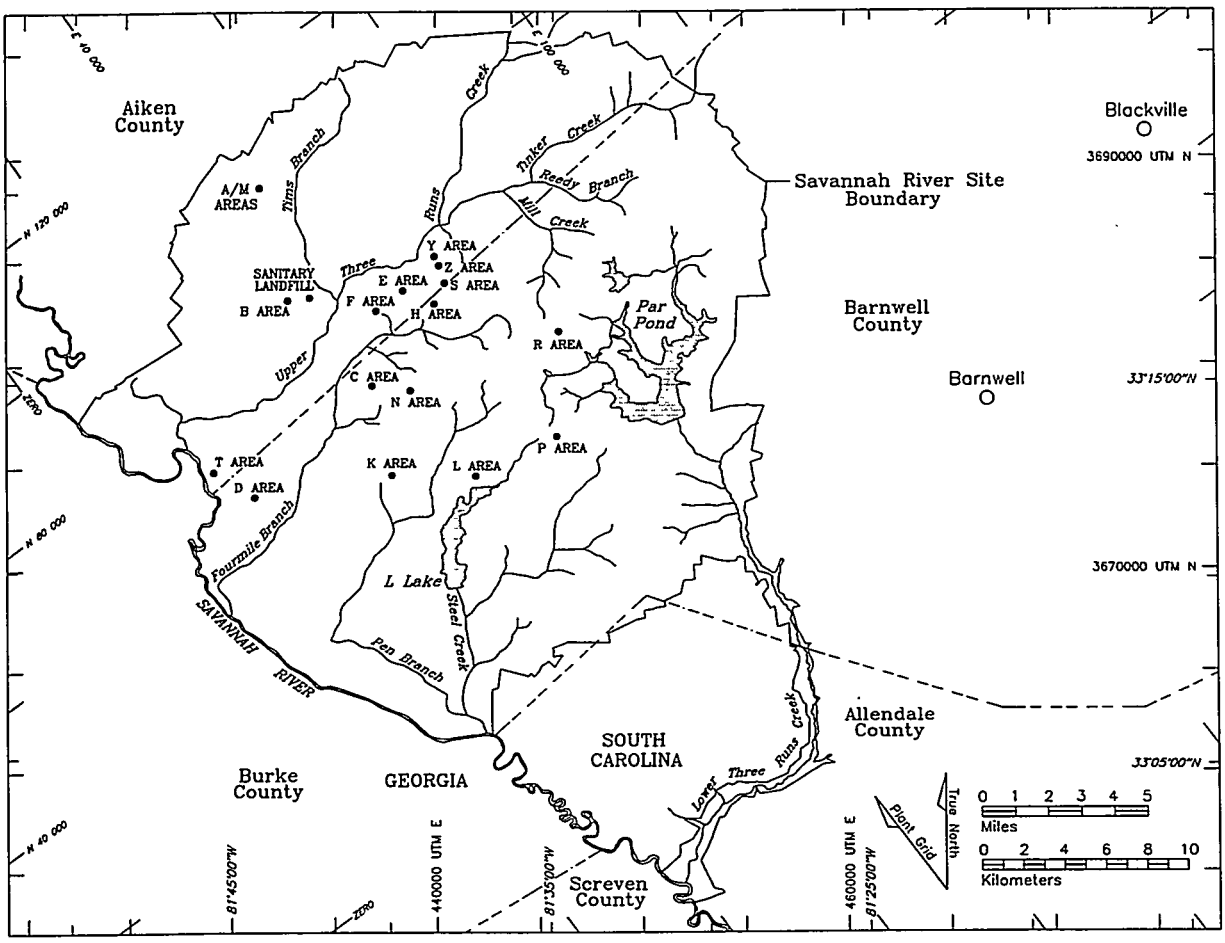


Figure 1. Areas and Locations Monitored for Groundwater Quality

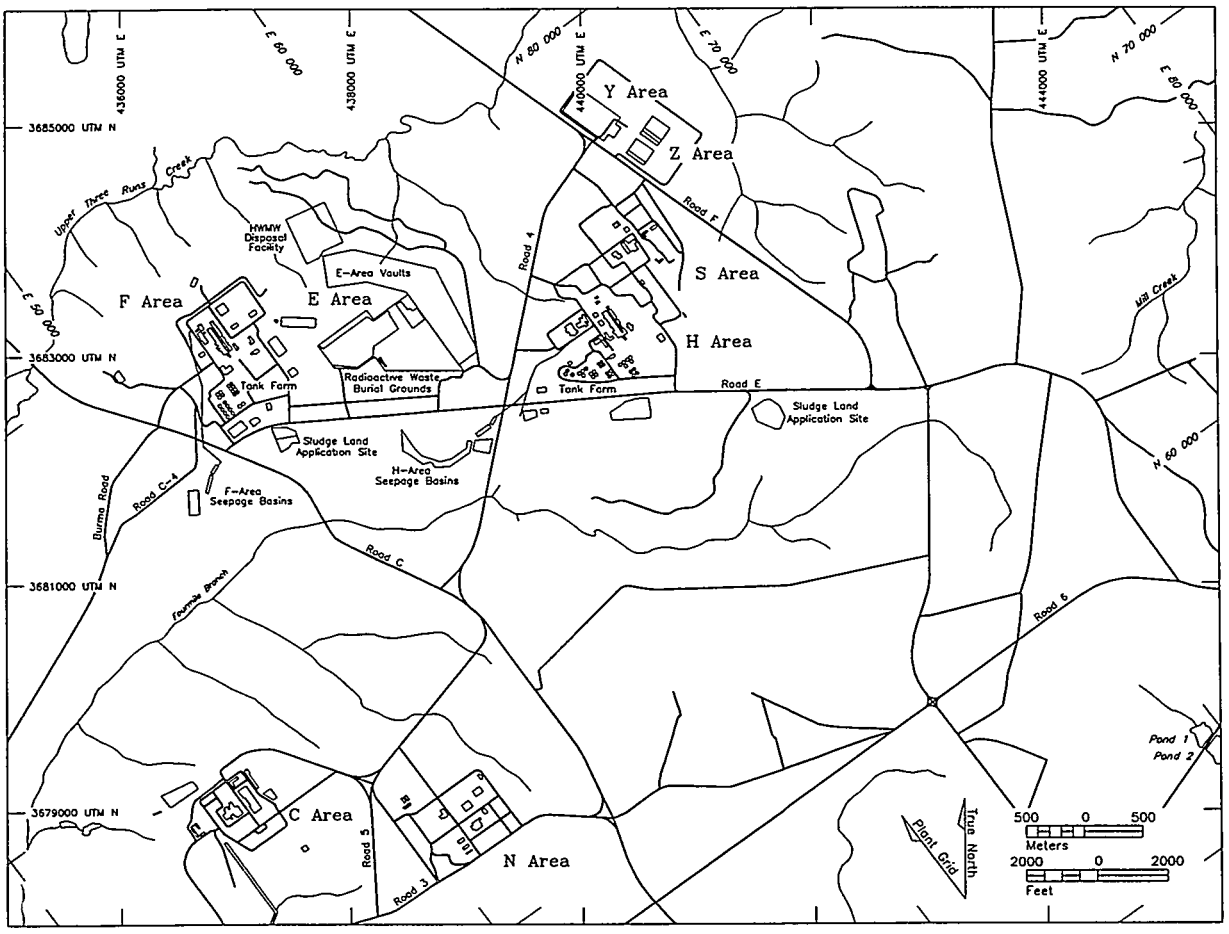


Figure 2. Separations and Waste Management Areas Monitored for Groundwater Quality

Flagging Criteria

Analytes in the data tables are assigned flagging levels (0, 1, or 2) depending on their concentrations in a groundwater sample. The flagging levels dictate the scheduling and frequency of groundwater sampling. Beginning first quarter 1992, flagging criteria were established for all of the constituents currently being analyzed as part of the EPD/EMS Groundwater Monitoring Program, except for certain aesthetic constituents, indicator parameters, major cations, and common laboratory contaminants and cleaners, which can be analyzed by special request. The flagging criteria in table 2 were determined as follows:

Flag 0: Analytical results below Flag 1 and constituents having no flagging criteria were classified as Flag 0.

Flag 1: The Flag 1 criterion for a constituent was set as one-half of the EPA final primary drinking water standard, the EPA proposed primary drinking water standard, or the EPA secondary drinking water standard for that constituent. If a constituent did not have an EPA drinking water standard, the Flag 1 criterion was set as five times a recently published 90th percentile detection limit obtained by one of the primary laboratories.

Flag 2: The Flag 2 criterion for a constituent was set as the EPA final primary drinking water standard, the EPA proposed primary drinking water standard, or the EPA secondary drinking water standard for that constituent. If a constituent did not have a drinking water standard, the Flag 2 criterion was set as 10 times a recently published 90th percentile detection limit obtained by one of the primary laboratories.

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

APHA — American Public Health Association.

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

EPA — U.S. Environmental Protection Agency.

EPA Method — A specific analytical method for testing constituent levels. Descriptions of these methods can be found in the EPA publications *Methods for Chemical Analysis of Water and Wastes* (1983) and *Test Methods for Evaluating Solid Waste* (1986b) and in the 1991 *Code of Federal Regulations*, Title 40, Part 136. See Environmental Protection Agency in **References.**

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

PDWS — Primary Drinking Water Standards.

SCDHEC — South Carolina Department of Health and Environmental Control.

SDWS — Secondary Drinking Water Standards.

Table 2. Flagging Criteria

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Acenaphthene	µg/L	5.1	10.2	EPA Method 8270
Acenaphthylene	µg/L	5.1	10.2	EPA Method 8270
Acetone	µg/L	500	1,000	Set by EPD/EMS
Acetonitrile (Methyl cyanide)	µg/L	50	100	EPA Method 8240
Acetophenone	µg/L	85	170	EPA Method 8270
2-Acetylaminofluorene	µg/L	81	162	EPA Method 8270
Acrolein	µg/L	166.5	333	EPA Method 8240
Acrylonitrile	µg/L	250	500	EPA Method 8240
Actinium-228	µCi/mL	1.64E-06	3.27E-06	Proposed PDWS (EPA, 1991c)
Alachlor	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
Aldicarb	µg/L	1.5	3.0	Final PDWS (EPA, 1998a)
Aldicarb sulfone	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
Aldicarb sulfoxide	µg/L	2.0	4.0	Final PDWS (EPA, 1998a)
Aldrin	µg/L	0.4	0.8	EPA Method 8080
Alkalinity (as $CaCO_3$)		No flag	No flag	Set by EPD/EMS
Allyl chloride	µg/L	416.5	833	EPA Method 8240
Aluminum	µg/L	25	50	SDWS (EPA, 1998b)
Aluminum, dissolved	µg/L	25	50	SDWS (EPA, 1998b)
Aluminum, total recoverable	µg/L	25	50	SDWS (EPA, 1998b)
Americium-241	µCi/mL	3.17E-09	6.34E-09	Proposed PDWS (EPA, 1991c)
Americium-243	µCi/mL	3.19E-09	6.37E-09	Proposed PDWS (EPA, 1991c)
4-Aminobiphenyl	µg/L	81	162	EPA Method 8270
Ammonia	µg/L	250	500	APHA Method 417B
Ammonia nitrogen	µg/L	500	1,000	EPA Method 350.1
Aniline	µg/L	81	162	EPA Method 8270
Anthracene	µg/L	5.1	10.2	EPA Method 8270
Antimony	µg/L	3.0	6.0	Final PDWS (EPA, 1998a)
Antimony, dissolved	µg/L	3.0	6.0	Final PDWS (EPA, 1998a)
Antimony, total recoverable	µg/L	3.0	6.0	Final PDWS (EPA, 1998a)
Antimony-124	µCi/mL	3.0E-08	6.0E-08	Interim Final PDWS (EPA, 1977)
Antimony-125	µCi/mL	1.5E-07	3.0E-07	Interim Final PDWS (EPA, 1977)
Aramite	µg/L	81	162	EPA Method 8270
Arsenic	µg/L	25	50	Final PDWS (EPA, 1998a)
Arsenic, dissolved	µg/L	25	50	Final PDWS (EPA, 1998a)
Arsenic, total recoverable	µg/L	25	50	Final PDWS (EPA, 1998a)
Asbestos	Fibers/L	3,500,000	7,000,000	Final PDWS (EPA, 1998a)
Atrazine	µg/L	1.5	3.0	Final PDWS (EPA, 1998a)
Azobenzene	µg/L	50	100	EPA Method 625
Barium	µg/L	1,000	2,000	Final PDWS (EPA, 1998a)
Barium, dissolved	µg/L	1,000	2,000	Final PDWS (EPA, 1998a)
Barium, total recoverable	µg/L	1,000	2,000	Final PDWS (EPA, 1998a)
Barium-133	µCi/mL	7.60E-07	1.52E-06	Proposed PDWS (EPA, 1991c)
Barium-140◆	µCi/mL	4.5E-08	9.0E-08	Interim Final PDWS (EPA, 1977)
Benzene	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)
alpha-Benzene hexachloride	µg/L	0.15	0.3	EPA Method 8080
beta-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
delta-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
Benzidine	µg/L	83.5	167	EPA Method 8270
Benzo[*a*]anthracene	µg/L	0.05	0.1	Proposed PDWS (EPA, 1990)
Benzo[*b*]fluoranthene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Benzo[*k*]fluoranthene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Benzoic acid	µg/L	5.0	10	EPA Method 8270
Benzo[*g,h,i*]perylene	µg/L	5.1	10.2	EPA Method 8270
Benzo[*a*]pyrene	µg/L	0.1	0.2	Final PDWS (EPA, 1998a)
1,4-Benzoquinone	µg/L	50	100	EPA Method 8270
Benzyl alcohol	µg/L	5.0	10	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source†
Beryllium	µg/L	2.0	4.0	Final PDWS (EPA, 1998a)
Beryllium, dissolved	µg/L	2.0	4.0	Final PDWS (EPA, 1998a)
Beryllium, total recoverable	µg/L	2.0	4.0	Final PDWS (EPA, 1998a)
Beryllium-7	µCi/mL	3.0E-06	6.0E-06	Interim Final PDWS (EPA, 1977)
5-day Biochemical oxygen demand		No flag	No flag	Set by EPD/EMS
Bis(2-chloroethoxy) methane	µg/L	5.1	10.2	EPA Method 8270
Bis(2-chloroethyl) ether	µg/L	5.1	10.2	EPA Method 8270
Bis(chloromethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-ethylhexyl) phthalate	µg/L	3.0	6.0	Final PDWS (EPA, 1998a)
Bismuth-214	µCi/mL	9.4E-06	1.89E-05	Proposed PDWS (EPA, 1991c)
Boron	µg/L	2,500	5,000	EPA Method 6010
Boron, dissolved	µg/L	2,500	5,000	EPA Method 6010
Boron, total recoverable	µg/L	2,500	5,000	EPA Method 6010
Bromide	µg/L	5,000	10,000	EPA Method 300.0
Bromobenzene	µg/L	25	50	EPA Method 8260
Bromochloromethane	µg/L	5	10	EPA Method 8260
Bromodichloromethane	µg/L	50	100	Final PDWS (EPA, 1998a)
Bromoform (Methyl bromide)	µg/L	50	100	Final PDWS (EPA, 1998a)
Bromomethane	µg/L	10	20	EPA Method 8240
4-Bromophenyl phenyl ether	µg/L	5.1	10.2	EPA Method 8270
2-sec-Butyl-4,6-dinitrophenol	µg/L	3.5	7.0	Final PDWS (EPA, 1998a)
n-Butylbenzene	µg/L	5	10	EPA Method 8260
sec-Butylbenzene	µg/L	5	10	EPA Method 8260
tert-Butylbenzene	µg/L	5	10	EPA Method 8260
Butylbenzyl phthalate		No flag	No flag	Set by EPD/EMS
Cadmium	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)
Cadmium, dissolved	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)
Cadmium, total recoverable	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)
Calcium		No flag	No flag	Set by EPD/EMS
Calcium, dissolved		No flag	No flag	Set by EPD/EMS
Calcium, total recoverable		No flag	No flag	Set by EPD/EMS
Carbofuran	µg/L	20	40	Final PDWS (EPA, 1998a)
Carbon disulfide	µg/L	25	50	EPA Method 8240
Carbon tetrachloride	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)
Carbon-14	µCi/mL	1.0E-06	2.0E-06	Interim Final PDWS (EPA, 1977)
Carbonate		No flag	No flag	Set by EPD/EMS
Cerium-141◆	µCi/mL	1.5E-07	3.0E-07	Interim Final PDWS (EPA, 1977)
Cerium-144	µCi/mL	1.31E-07	2.61E-07	Proposed PDWS (EPA, 1991c)
Cesium-134❖	µCi/mL	4.07E-08	8.13E-08	Proposed PDWS (EPA, 1991c)
Cesium-137	µCi/mL	1.0E-07	2.0E-07	Interim Final PDWS (EPA, 1977)
Chemical oxygen demand		No flag	No flag	Set by EPD/EMS
Chlordane	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
alpha-Chlordane	µg/L	0.25	0.5	EPA Method 8080
gamma-Chlordane	µg/L	0.25	0.5	EPA Method 8080
Chloride	µg/L	125,000	250,000	SDWS (EPA, 1998b)
4-Chloroaniline	µg/L	5.0	10	EPA Method 8270
Chlorobenzene	µg/L	50	100	Final PDWS (EPA, 1998a)
Chlorobenzilate	µg/L	81	162	EPA Method 8270
Chloroethane	µg/L	10	20	EPA Method 8240
Chloroethene (Vinyl chloride)	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
Chloroethyl vinyl ether	µg/L	5.0	10	EPA Method 8240
2-Chloroethyl vinyl ether	µg/L	50	100	EPA Method 8240
Chloroform	µg/L	50	100	Final PDWS (EPA, 1998a)
4-Chloro-m-cresol	µg/L	5.1	10.2	EPA Method 8270
Chloromethane (Methyl chloride)	µg/L	10	20	EPA Method 8240
2-Chloronaphthalene	µg/L	5.1	10.2	EPA Method 8240
2-Chlorophenol	µg/L	5.1	10.2	EPA Method 8270
4-Chlorophenyl phenyl ether	µg/L	5.1	10.2	EPA Method 8270

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Chloroprene	µg/L	1,665	3,330	EPA Method 8240
2-Chlorotoluene	µg/L	25	50	EPA Method 8260
4-Chlorotoluene	µg/L	5	10	EPA Method 8260
Chromium	µg/L	50	100	Final PDWS (EPA, 1998a)
Chromium, dissolved	µg/L	50	100	Final PDWS (EPA, 1998a)
Chromium, total recoverable	µg/L	50	100	Final PDWS (EPA, 1998a)
Chromium-51◆	µCi/mL	3.0E-06	6.0E-06	Interim Final PDWS (EPA, 1977)
Chrysene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Cobalt	µg/L	50	100	EPA Method 6010
Cobalt, dissolved	µg/L	50	100	EPA Method 6010
Cobalt, total recoverable	µg/L	50	100	EPA Method 6010
Cobalt-57	µCi/mL	5.0E-07	1.0E-06	Interim Final PDWS (EPA, 1977)
Cobalt-58	µCi/mL	4.5E-06	9.0E-06	Interim Final PDWS (EPA, 1977)
Cobalt-60	µCi/mL	5.0E-08	1.0E-07	Interim Final PDWS (EPA, 1977)
Color		No flag	No flag	Set by EPD/EMS
Copper	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Copper, dissolved	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Copper, total recoverable	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Corrosivity		No flag	No flag	Set by EPD/EMS
m-Cresol (3-Methylphenol)	µg/L	50	100	EPA Method 8270
o-Cresol (2-Methylphenol)	µg/L	5.0	10	EPA Method 8270
p-Cresol (4-Methylphenol)	µg/L	60	120	EPA Method 8270
Curium-242	µCi/mL	6.65E-08	1.33E-07	Proposed PDWS (EPA, 1991c)
Curium-243	µCi/mL	4.15E-09	8.30E-09	Proposed PDWS (EPA, 1991c)
Curium-243/244✪	µCi/mL	4.15E-09	8.30E-09	Proposed PDWS (EPA, 1991c)
Curium-244	µCi/mL	4.92E-09	9.84E-09	Proposed PDWS (EPA, 1991c)
Curium-245/246✪	µCi/mL	3.12E-09	6.23E-09	Proposed PDWS (EPA, 1991c)
Curium-246	µCi/mL	3.14E-09	6.27E-09	Proposed PDWS (EPA, 1991c)
Cyanide	µg/L	100	200	Final PDWS (EPA, 1998a)
Dalapon	µg/L	100	200	Final PDWS (EPA, 1998a)
p,p'-DDD	µg/L	0.55	1.1	EPA Method 8080
p,p'-DDE	µg/L	0.25	0.5	EPA Method 8080
p,p'-DDT	µg/L	0.85	1.7	EPA Method 8080
Diallate	µg/L	81	162	EPA Method 8270
Dibenz[*a,h*]anthracene	µg/L	0.15	0.3	Proposed PDWS (EPA, 1990)
Dibenzofuran	µg/L	5.0	10	EPA Method 8270
Dibromochloromethane	µg/L	50	100	Final PDWS (EPA, 1998a)
1,2-Dibromo-3-chloropropane	µg/L	0.1	0.2	Final PDWS (EPA, 1998a)
1,2-Dibromoethane	µg/L	0.025	0.05	Final PDWS (EPA, 1998a)
Dibromomethane (Methylene bromide)	µg/L	10	20	EPA Method 8240
Di-n-butyl phthalate		No flag	No flag	Set by EPD/EMS
1,2-Dichlorobenzene	µg/L	300	600	Final PDWS (EPA, 1998a)
1,3-Dichlorobenzene	µg/L	81	162	EPA Method 8270
1,4-Dichlorobenzene	µg/L	37.5	75	Final PDWS (EPA, 1998a)
3,3'-Dichlorobenzidine	µg/L	5.1	10.2	EPA Method 8270
trans-1,4-Dichloro-2-butene	µg/L	250	500	EPA Method 8240
Dichlorodifluoromethane	µg/L	10	20	EPA Method 8240
1,1-Dichloroethane	µg/L	10	20	EPA Method 8240
1,2-Dichloroethane	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)
cis-1,2-Dichloroethylene	µg/L	35	70	Final PDWS (EPA, 1998a)
1,1-Dichloroethylene	µg/L	3.5	7.0	Final PDWS (EPA, 1998a)
1,2-Dichloroethylene	µg/L	25	50	EPA Method 8240
trans-1,2-Dichloroethylene	µg/L	50	100	Final PDWS (EPA, 1998a)
Dichloromethane (Methylene chloride)	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)
2,4-Dichlorophenol	µg/L	5.1	10.2	EPA Method 8270
2,6-Dichlorophenol	µg/L	83.5	167	EPA Method 8270
2,4-Dichlorophenoxyacetic acid	µg/L	35	70	Final PDWS (EPA, 1998a)
1,2-Dichloropropane	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)

Analyte	Unit	Flag 1	Flag 2	Source†
2,2-Dichloropropane	µg/L	5	10	EPA Method 8260
cis-1,3-Dichloropropene	µg/L	10	20	EPA Method 8240
trans-1,3-Dichloropropene	µg/L	10	20	EPA Method 8240
Dieldrin	µg/L	4.15	8.3	EPA Method 8080
Di(2-ethylhexyl) adipate	µg/L	200	400	Final PDWS (EPA, 1998a)
Diethyl phthalate		No flag	No flag	Set by EPD/EMS
Dimethoate	µg/L	81	162	EPA Method 8270
2,4-Dimethyl phenol	µg/L	5.1	10.2	EPA Method 8270
Dimethyl phthalate		No flag	No flag	Set by EPD/EMS
p-Dimethylaminoazobenzene	µg/L	81	162	EPA Method 8270
p-(Dimethylamino)ethylbenzene	µg/L	50	100	EPA Method 8270
7,12-Dimethylbenz[*a*]anthracene	µg/L	81	162	EPA Method 8270
3,3'-Dimethylbenzidine	µg/L	81	162	EPA Method 8270
a,a-Dimethylphenethylamine	µg/L	81	162	EPA Method 8270
1,3-Dinitrobenzene	µg/L	81	162	EPA Method 8270
2,4-Dinitrophenol	µg/L	51	102	EPA Method 8270
2,4-Dinitrotoluene	µg/L	0.5	1.0	EPA Method 8270
2,6-Dinitrotoluene	µg/L	0.5	1.0	EPA Method 8270
Di-n-octyl phthalate		No flag	No flag	Set by EPD/EMS
1,4-Dioxane	µg/L	500	1000	EPA Method 8270
Diphenylamine	µg/L	81	162	EPA Method 8270
1,2-Diphenylhydrazine	µg/L	83.5	167	EPA Method 8270
Diquat dibromide	µg/L	10	20	Final PDWS (EPA, 1998a)
Dissolved organic carbon	µg/L	10,500,000	21,000,000	EPA Method 9060
Disulfoton	µg/L	81	162	EPA Method 8270
Endosulfan I	µg/L	0.25	0.5	EPA Method 8080
Endosulfan II	µg/L	0.55	1.1	EPA Method 8080
Endosulfan sulfate	µg/L	0.55	1.1	EPA Method 8080
Endothall	µg/L	50	100	Final PDWS (EPA, 1998a)
Endrin	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
Endrin aldehyde	µg/L	0.85	1.7	EPA Method 8080
Endrin ketone		No flag	No flag	Set by EPD/EMS
Ethyl ether	µg/L	50	100	EPA Method 8260
Ethyl methacrylate	µg/L	2.5	5.0	EPA Method 8270
Ethyl methanesulfonate	µg/L	81	162	EPA Method 8270
Ethylbenzene	µg/L	350	700	Final PDWS (EPA, 1998a)
Europium-152	µCi/mL	3.0E-08	6.0E-08	Interim Final PDWS (EPA, 1977)
Europium-154	µCi/mL	1.0E-07	2.0E-07	Interim Final PDWS (EPA, 1977)
Europium-155	µCi/mL	3.0E-07	6.0E-07	Interim Final PDWS (EPA, 1977)
Famphur	µg/L	81	162	EPA Method 8270
Fluoranthene	µg/L	5.1	10.2	EPA Method 8270
Fluorene	µg/L	5.1	10.2	EPA Method 8270
Fluoride	µg/L	2,000	4,000	Final PDWS (EPA, 1998a)
Glyphosate	µg/L	350	700	Final PDWS (EPA, 1998a)
Gross alpha	µCi/mL	7.5E-09	1.5E-08	Final PDWS (EPA, 1998a)
Heptachlor	µg/L	0.2	0.4	Final PDWS (EPA, 1998a)
Heptachlor epoxide	µg/L	0.1	0.2	Final PDWS (EPA, 1998a)
Heptachlorodibenzo-p-dioxins	µg/L	0.007	0.014	EPA Method 8280
1,2,3,4,6,7,8-HPCDD	µg/L	0.007	0.014	EPA Method 8280
Heptachlorodibenzo-p-furans	µg/L	0.008	0.016	EPA Method 8280
1,2,3,4,6,7,8-HPCDF	µg/L	0.008	0.016	EPA Method 8280
Hexachlorobenzene	µg/L	0.5	1.0	Final PDWS (EPA, 1998a)
Hexachlorobutadiene	µg/L	5.0	10	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	25	50	Final PDWS (EPA, 1998a)
Hexachlorodibenzo-p-dioxins	µg/L	0.008	0.016	EPA Method 8280
1,2,3,4,7,8-HXCDD	µg/L	0.0105	0.021	EPA Method 8280
Hexachlorodibenzo-p-furans	µg/L	0.006	0.012	EPA Method 8280
1,2,3,4,7,8-HXCDF	µg/L	0.0085	0.017	EPA Method 8280
Hexachloroethane	µg/L	0.5	1.0	EPA Method 8270

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Hexachlorophene	µg/L	83.5	167	EPA Method 8270
Hexachloropropene	µg/L	81	162	EPA Method 8270
2-Hexanone	µg/L	50	100	EPA Method 8240
Indeno[1,2,3-*c,d*]pyrene	µg/L	0.5	1.0	EPA Method 8270
Iodine	µg/L	250	500	APHA Method 415A
Iodine-129	µCi/mL	5.0E-10	1.0E-09	Interim Final PDWS (EPA, 1977)
Iodine-131◆	µCi/mL	1.5E-09	3.0E-09	Interim Final PDWS (EPA, 1977)
Iodomethane (Methyl iodide)	µg/L	125	250	EPA Method 8240
Iron	µg/L	150	300	SDWS (EPA, 1998b)
Iron, dissolved	µg/L	150	300	SDWS (EPA, 1998b)
Iron, total recoverable	µg/L	150	300	SDWS (EPA, 1998b)
Iron-55◆	µCi/mL	1.0E-06	2.0E-06	Interim Final PDWS (EPA, 1977)
Iron-59◆	µCi/mL	1.0E-07	2.0E-07	Interim Final PDWS (EPA, 1977)
Isobutyl alcohol	µg/L	834.5	1,669	EPA Method 8240
Isodrin	µg/L	81	162	EPA Method 8270
Isophorone	µg/L	5.1	10.2	EPA Method 8270
Isopropylbenzene	µg/L	5	10	EPA Method 8260
p-Isopropyltoluene	µg/L	5	10	EPA Method 8260
Isosafrole	µg/L	81	162	EPA Method 8270
Kepone	µg/L	81	162	EPA Method 8270
Lanthanum-140◆	µCi/mL	3.0E-08	6.0E-08	Interim Final PDWS (EPA, 1977)
Lead	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead, dissolved	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead, total recoverable	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead-212	µCi/mL	6.20E-08	1.23E-07	Proposed PDWS (EPA, 1991c)
Lindane	µg/L	0.1	0.2	Final PDWS (EPA, 1998a)
Lithium	µg/L	125	250	EPA Method 6010
Lithium, dissolved	µg/L	125	250	EPA Method 6010
Lithium, total recoverable	µg/L	125	250	EPA Method 6010
Magnesium		No flag	No flag	Set by EPD/EMS
Magnesium, dissolved		No flag	No flag	Set by EPD/EMS
Magnesium, total recoverable		No flag	No flag	Set by EPD/EMS
Manganese	µg/L	25	50	SDWS (EPA, 1998b)
Manganese, dissolved	µg/L	25	50	SDWS (EPA, 1998b)
Manganese, total recoverable	µg/L	25	50	SDWS (EPA, 1998b)
Manganese-54	µCi/mL	1.5E-07	3.0E-07	Interim Final PDWS (EPA, 1977)
Mercury	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
Mercury, dissolved	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
Mercury, total recoverable	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
Methacrylonitrile	µg/L	416.5	833	EPA Method 8240
Methapyrilene	µg/L	81	162	EPA Method 8270
Methoxychlor	µg/L	20	40	Final PDWS (EPA, 1998a)
Methyl ethyl ketone		No flag	No flag	Set by EPD/EMS
Methyl isobutyl ketone		No flag	No flag	Set by EPD/EMS
Methyl methacrylate	µg/L	50	100	EPA Method 8270
Methyl methanesulfonate	µg/L	81	162	EPA Method 8270
Methyl tert-butyl ether	µg/L	5.0	10	EPA Method 8260
3-Methylcholanthrene	µg/L	81	162	EPA Method 8270
2-Methyl-4,6-dinitrophenol	µg/L	51	102	EPA Method 8270
2-Methylnaphthalene	µg/L	5.0	10	EPA Method 8270
Molybdenum	µg/L	250	500	EPA Method 6010
Molybdenum, dissolved	µg/L	250	500	EPA Method 6010
Molybdenum, total recoverable	µg/L	250	500	EPA Method 6010
Naphthalene	µg/L	83.5	167	EPA Method 8270
1,4-Naphthoquinone	µg/L	81	162	EPA Method 8270
1-Naphthylamine	µg/L	81	162	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source†
2-Naphthylamine	µg/L	81	162	EPA Method 8270
Neptunium-237	µCi/mL	3.53E-09	7.06E-09	Proposed PDWS (EPA, 1991c)
Neptunium-239	µCi/mL	8.40E-07	1.68E-06	Proposed PDWS (EPA, 1991c)
Nickel	µg/L	50	100	Final PDWS (EPA, 1998a)
Nickel, dissolved	µg/L	50	100	Final PDWS (EPA, 1998a)
Nickel, total recoverable	µg/L	50	100	Final PDWS (EPA, 1998a)
Nickel-59	µCi/mL	1.5E-07	3.0E-07	Interim Final PDWS (EPA, 1977)
Nickel-63	µCi/mL	2.5E-08	5.0E-08	Interim Final PDWS (EPA, 1977)
Niobium-95◆	µCi/mL	1.5E-07	3.0E-07	Interim Final PDWS (EPA, 1977)
Nitrate as nitrogen	µg/L	5,000	10,000	Final PDWS (EPA, 1998a)
Nitrate-nitrite as nitrogen	µg/L	5,000	10,000	Final PDWS (EPA, 1998a)
Nitrite as nitrogen	µg/L	500	1,000	Final PDWS (EPA, 1998a)
m-Nitroaniline	µg/L	5.0	10	EPA Method 8270
o-Nitroaniline	µg/L	5.0	10	EPA Method 8270
p-Nitroaniline	µg/L	5.0	10	EPA Method 8270
Nitrobenzene	µg/L	5.1	10.2	EPA Method 8270
Nitrogen by Kjeldahl method	µg/L	500	1,000	EPA Method 351.2
2-Nitrophenol	µg/L	5.1	10.2	EPA Method 8270
4-Nitrophenol	µg/L	5.1	10.2	EPA Method 8270
4-Nitroquinoline-1-oxide	µg/L	81	162	EPA Method 8270
N-Nitrosodi-n-butylamine	µg/L	81	162	EPA Method 8270
N-Nitrosodiethylamine	µg/L	81	162	EPA Method 8270
N-Nitrosodimethylamine	µg/L	83.5	167	EPA Method 8270
N-Nitrosodiphenylamine	µg/L	5.1	10.2	EPA Method 8270
N-Nitrosodipropylamine	µg/L	5.1	10.2	EPA Method 8270
N-Nitrosomethylethylamine	µg/L	81	162	EPA Method 8270
N-Nitrosomorpholine	µg/L	81	162	EPA Method 8270
N-Nitrosopiperidine	µg/L	81	162	EPA Method 8270
N-Nitrosopyrrolidine	µg/L	81	162	EPA Method 8270
5-Nitro-o-toluidine	µg/L	81	162	EPA Method 8270
Nonvolatile beta	µCi/mL	2.5E-08	5.0E-08	Interim Final PDWS (EPA, 1977)
Octachlorodibenzo-p-dioxin	µg/L	0.0085	0.017	EPA Method 8280
Octachlorodibenzo-p-furan	µg/L	0.0065	0.013	EPA Method 8280
Odor		No flag	No flag	Set by EPD/EMS
Oil & grease	µg/L	8,350	16,700	EPA Method 413.1
Oxamyl	µg/L	100	200	Final PDWS (EPA, 1998a)
2,2-Oxybis(1-Chloropropane)	µg/L	100	200	EPA Method 8270
Parathion	µg/L	0.4	0.8	EPA Method 8080
Parathion methyl	µg/L	0.4	0.8	EPA Method 8080
PCB 1016	µg/L	0.25	0.5	Final PDWS (EPA, 1998a)
PCB 1221	µg/L	0.25	0.5	Final PDWS (EPA, 1998a)
PCB 1232	µg/L	0.25	0.5	Final PDWS (EPA, 1998a)
PCB 1242	µg/L	0.25	0.5	Final PDWS (EPA, 1998a)
PCB 1248	µg/L	0.25	0.5	Final PDWS (EPA, 1998a)
PCB 1254	µg/L	0.25	0.5	Final PDWS (EPA, 1998a)
PCB 1260	µg/L	0.25	0.5	Final PDWS (EPA, 1998a)
PCB 1262	µg/L	0.25	0.5	Final PDWS (EPA, 1998a)
Pentachlorobenzene	µg/L	81	162	EPA Method 8270
Pentachlorodibenzo-p-dioxins	µg/L	0.008	0.016	EPA Method 8280
1,2,3,7,8-PCDD	µg/L	0.0075	0.015	EPA Method 8280
Pentachlorodibenzo-p-furans	µg/L	0.0085	0.017	EPA Method 8280
1,2,3,7,8-PCDF	µg/L	0.0085	0.017	EPA Method 8280
Pentachloroethane	µg/L	81	162	EPA Method 8270
Pentachloronitrobenzene	µg/L	81	162	EPA Method 8270
Pentachlorophenol	µg/L	0.5	1.0	Final PDWS (EPA, 1998a)
pH	pH	8.0	10	Set by EPD/EMS
pH	pH	4.0	3.0	Set by EPD/EMS
Phenacetin	µg/L	81	162	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source†
Phenanthrene	µg/L	5.1	10.2	EPA Method 8270
Phenol	µg/L	83.5	167	EPA Method 8270
Phenols	µg/L	50	100	EPA Method 420.1
p-Phenylenediamine	µg/L	81	162	EPA Method 8270
Phorate	µg/L	0.85	1.7	EPA Method 8080
Picloram	µg/L	250	500	Final PDWS (EPA, 1998a)
2-Picoline	µg/L	81	162	EPA Method 8270
Plutonium-238	µCi/mL	3.51E-09	7.02E-09	Proposed PDWS (EPA, 1991c)
Plutonium-239	µCi/mL	3.11E-08	6.21E-08	Proposed PDWS (EPA, 1991c)
Plutonium-239/240✪	µCi/mL	3.11E-08	6.21E-08	Proposed PDWS (EPA, 1991c)
Plutonium-240	µCi/mL	3.11E-08	6.22E-08	Proposed PDWS (EPA, 1991c)
Plutonium-241◆	µCi/mL	3.13E-08	6.26E-08	Proposed PDWS (EPA, 1991c)
Plutonium-242◆	µCi/mL	3.27E-08	6.54E-08	Proposed PDWS (EPA, 1991c)
Potassium		No flag	No flag	Set by EPD/EMS
Potassium, dissolved		No flag	No flag	Set by EPD/EMS
Potassium, total recoverable		No flag	No flag	Set by EPD/EMS
Potassium-40	µCi/mL	1.5E-07	3.0E-07	Proposed PDWS (EPA, 1986a)
Promethium-144	µCi/mL	5.0E-08	1.0E-07	EPA Method 901.1
Promethium-146	µCi/mL	5.0E-08	1.0E-07	EPA Method 901.1
Promethium-147	µCi/mL	2.62E-06	5.24E-06	Proposed PDWS (EPA, 1991c)
Pronamid	µg/L	81	162	EPA Method 8270
Propionitrile	µg/L	1,665	3,330	EPA Method 8240
n-Propylbenzene	µg/L	5	10	EPA Method 8260
Pyrene	µg/L	5.1	10.2	EPA Method 8270
Pyridine	µg/L	81	162	EPA Method 8270
Radium-226	µCi/mL	2.5E-09	5.0E-09	Interim Final PDWS (EPA, 1977)
Radium-228	µCi/mL	2.5E-09	5.0E-09	Interim Final PDWS (EPA, 1977)
Radon-222	µCi/mL	1.5E-07	3.0E-07	Proposed PDWS (EPA, 1991c)
Ruthenium-103◆	µCi/mL	1.0E-07	2.0E-07	Interim Final PDWS (EPA, 1977)
Ruthenium-106	µCi/mL	1.5E-08	3.0E-08	Interim Final PDWS (EPA, 1977)
Safrole	µg/L	81	162	EPA Method 8270
Selenium	µg/L	25	50	Final PDWS (EPA, 1998a)
Selenium, dissolved	µg/L	25	50	Final PDWS (EPA, 1998a)
Selenium, total recoverable	µg/L	25	50	Final PDWS (EPA, 1998a)
Silica		No flag	No flag	Set by EPD/EMS
Silica, dissolved		No flag	No flag	Set by EPD/EMS
Silica, total recoverable		No flag	No flag	Set by EPD/EMS
Silver	µg/L	50	100	SDWS (EPA, 1998b)
Silver, dissolved	µg/L	50	100	SDWS (EPA, 1998b)
Silver, total recoverable	µg/L	50	100	SDWS (EPA, 1998b)
Simazine	µg/L	2.0	4.0	Final PDWS (EPA, 1998a)
Sodium		No flag	No flag	Set by EPD/EMS
Sodium, dissolved		No flag	No flag	Set by EPD/EMS
Sodium, total recoverable		No flag	No flag	Set by EPD/EMS
Sodium-22	µCi/mL	2.33E-07	4.66E-07	Proposed PDWS (EPA, 1991c)
Specific conductance	µS/cm	250	500	Set by EPD/EMS
Strontium-89	µCi/mL	1.0E-08	2.0E-08	Interim Final PDWS (EPA, 1977)
Strontium-89/90✪	µCi/mL	4.0E-09	8.0E-09	Final PDWS (EPA, 1998a)
Strontium-90	µCi/mL	4.0E-09	8.0E-09	Final PDWS (EPA, 1998a)
Styrene	µg/L	50	100	Final PDWS (EPA, 1998a)
Sulfate	µg/L	200,000	400,000	Proposed PDWS (EPA, 1990)
Sulfide	µg/L	8,350	16,700	EPA Method 9030
Sulfotepp	µg/L	81	162	EPA Method 8270
Surfactants		No flag	No flag	Set by EPD/EMS
2,4,5-T	µg/L	0.25	0.5	EPA Method 8150
2,3,7,8-TCDD	µg/L	0.007	0.014	Final PDWS (EPA, 1998a)
2,3,7,8-TCDF	µg/L	0.00425	0.0085	EPA Method 8280

Analyte	Unit	Flag 1	Flag 2	Source†
Technetium-99	µCi/mL	4.5E-07	9.0E-07	Interim Final PDWS (EPA, 1977)
1,2,4,5-Tetrachlorobenzene	µg/L	81	162	EPA Method 8270
Tetrachlorodibenzo-p-dioxins	µg/L	0.007	0.014	EPA Method 8280
Tetrachlorodibenzo-p-furans	µg/L	0.0055	0.011	EPA Method 8280
1,1,1,2-Tetrachloroethane	µg/L	10	20	EPA Method 8240
1,1,2,2-Tetrachloroethane	µg/L	50	100	EPA Method 8240
Tetrachloroethylene	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)
2,3,4,6-Tetrachlorophenol	µg/L	83.5	167	EPA Method 8270
Thallium	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
Thallium, dissolved	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
Thallium, total recoverable	µg/L	1.0	2.0	Final PDWS (EPA, 1998a)
Thionazin	µg/L	81	162	EPA Method 8270
Thorium-228	µCi/mL	6.25E-08	1.25E-07	Proposed PDWS (EPA, 1991c)
Thorium-230	µCi/mL	3.96E-08	7.92E-08	Proposed PDWS (EPA, 1991c)
Thorium-232	µCi/mL	4.4E-08	8.8E-08	Proposed PDWS (EPA, 1991c)
Thorium-234◆	µCi/mL	2.0E-07	4.01E-07	Proposed PDWS (EPA, 1991c)
Tin	µg/L	250	500	EPA Method 282.2
Tin, dissolved	µg/L	250	500	EPA Method 282.2
Tin, total recoverable	µg/L	250	500	EPA Method 282.2
Tin-113	µCi/mL	1.5E-07	3.0E-07	Interim Final PDWS (EPA, 1977)
Toluene	µg/L	500	1,000	Final PDWS (EPA, 1998a)
o-Toluidine	µg/L	81	162	EPA Method 8270
Total alpha-emitting radium	µCi/mL	2.5E-09	5.0E-09	Interim Final PDWS (EPA, 1977)
Total carbon	µg/L	5,000	10,000	EPA Method 9060
Total coliform	N/A	0	0	Final PDWS (EPA, 1998a)
Total dissolved solids		No flag	No flag	Set by EPD/EMS
Total hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total inorganic carbon	µg/L	8,350	16,700	EPA Method 9060
Total organic carbon	µg/L	500,000	1,000,000	EPA Method 9060
Total organic halogens	µg/L	50	100	EPA Method 9020
Total organic nitrogen	µg/L	500	1,000	APHA Method 420
Total petroleum hydrocarbons	µg/L	8,350	16,700	EPA Method 418.1
Total phosphates (as P)		No flag	No flag	Set by EPD/EMS
Total phosphorus		No flag	No flag	Set by EPD/EMS
Toxaphene	µg/L	1.5	3.0	Final PDWS (EPA, 1998a)
2,4,5-TP (Silvex)	µg/L	25	50	Final PDWS (EPA, 1998a)
Tributyl phosphate	µg/L	86	172	EPA Method 8270
1,2,3-Trichlorobenzene	µg/L	5	10	EPA Method 8260
1,2,4-Trichlorobenzene	µg/L	35	70	Final PDWS (EPA, 1998a)
1,1,1-Trichloroethane	µg/L	100	200	Final PDWS (EPA, 1998a)
1,1,2-Trichloroethane	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)
Trichloroethylene	µg/L	2.5	5.0	Final PDWS (EPA, 1998a)
Trichlorofluoromethane	µg/L	10	20	EPA Method 8240
2,4,5-Trichlorophenol	µg/L	5.0	10	EPA Method 8270
2,4,6-Trichlorophenol	µg/L	0.5	1.0	EPA Method 8270
1,2,3-Trichloropropane	µg/L	10	20	EPA Method 8240
Trichlorotrifluoroethane	µg/L	50	100	EPA Method 8260
O,O,O-Triethyl phosphorothioate	µg/L	81	162	EPA Method 8270
1,2,4-Trimethylbenzene	µg/L	5	10	EPA Method 8260
1,3,5-Trimethylbenzene	µg/L	5	10	EPA Method 8260
1,3,5-Trinitrobenzene	µg/L	81	162	EPA Method 8270
Tritium	µCi/mL	1.0E-05	2.0E-05	Final PDWS (EPA, 1998a)
Turbidity✠		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed PDWS (EPA, 1991c)
Uranium alpha activity	µCi/mL	1.5E-08	3.0E-08	Proposed PDWS (EPA, 1991c)
Uranium, dissolved	µg/L	10	20	Proposed PDWS (EPA, 1991c)
Uranium, total recoverable	µg/L	10	20	Proposed PDWS (EPA, 1991c)
Uranium-233/234✪	µCi/mL	6.9E-09	1.38E-08	Proposed PDWS (EPA, 1991c)
Uranium-234	µCi/mL	6.95E-09	1.39E-08	Proposed PDWS (EPA, 1991c)

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Uranium-235	µCi/mL	7.25E-09	1.45E-08	Proposed PDWS (EPA, 1991c)
Uranium-238	µCi/mL	7.3E-09	1.46E-08	Proposed PDWS (EPA, 1991c)
Vanadium	µg/L	66.5	133	EPA Method 6010
Vanadium, dissolved	µg/L	66.5	133	EPA Method 6010
Vanadium, total recoverable	µg/L	66.5	133	EPA Method 6010
Vinyl acetate	µg/L	50	100	EPA Method 8240
m/p-Xylene	µg/L	81	162	EPA Method 8260
o-Xylene	µg/L	5	10	EPA Method 8260
Xylenes	µg/L	5,000	10,000	Final PDWS (EPA, 1998a)
Yttrium-88	µCi/mL	5.0E-08	1.0E-07	EPA Method 901.1
Zinc	µg/L	2,500	5,000	SDWS (EPA, 1998b)
Zinc, dissolved	µg/L	2,500	5,000	SDWS (EPA, 1998b)
Zinc, total recoverable	µg/L	2,500	5,000	SDWS (EPA, 1998b)
Zinc-65	µCi/mL	1.5E-07	3.0E-07	Interim Final PDWS (EPA, 1977)
Zirconium-95	µCi/mL	1.0E-07	2.0E-07	Interim Final PDWS (EPA, 1977)
Zirconium/Niobium-95◆	µCi/mL	1.0E-07	2.0E-07	Interim Final PDWS (EPA, 1977)

† Analytical methods are discussed in the **Analytical Data Review** section of this document; references for dated sources are in the **References** section.

◆ *EMS discontinued monitoring this radionuclide because it is inappropriate for the SRS Groundwater Monitoring Program.*

❖ EPD/EMS set this flagging criterion using the 1991 proposed PDWS because the final PDWS in 1977 may have been in error.

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

✠ The primary maximum contaminant level range for turbidity is 1–5 NTU, which is inappropriate for the SRS Groundwater Monitoring Program.

Note: Beginning fourth quarter 1992, samples were no longer filtered at the wells. Therefore, the methods for analyzing metals now include a digestion step. Beginning fourth quarter 1993, the laboratories were required to report all metals as total recoverable metals. Flagging criteria remain unchanged.

Sample Scheduling

Scheduling of sampling and analyses for the SRS Groundwater Monitoring Program conducted by EPD/EMS is based on several factors. Environmental screening is scheduled on a regular basis. Additional scheduling is based on previous flagging levels, regulatory requirements, and special requests that fall within the scope of the Groundwater Monitoring Program. This information is used to generate *The Savannah River Site's Groundwater Monitoring Program 1999 Sampling Schedule.*

A breakdown by laboratory of the total number of analyses performed during fourth quarter 1999 follows:

Laboratory	*Number of Analyses*
EMAX Laboratories, Inc.	8,499
EMS Laboratory	1,004
Environmental Physics	5,012
General Engineering Laboratories	10,098
General Engineering Mobile Laboratory	3,005
Recra LabNet Philadelphia	24,461
Thermo NUtech	1,000

ENVIRONMENTAL SCREENING

New wells designated as screening program wells are scheduled initially for four quarters of environmental screening. Environmental-screening constituents, which include indicator parameters, groundwater quality characteristics, and some drinking water characteristics, are listed below. After the initial four quarters of analyses for new wells, environmental screening is scheduled once every three years for wells identified as environmental-screening program wells. The wells are sampled only for the environmental-screening constituents that have not been analyzed for other reasons within the past three years.

Beginning in 1996, EPD/EMS changed its policy concerning quarterly field measurements. Only wells scheduled by request or wells identified for environmental screening receive field measurements.

Environmental-Screening Constituents

Aluminum
Arsenic
Barium
Boron
Cadmium
Chloride
Chromium
Field measurements
- Air temperature
- Date
- Depth to water
- Flow rate
- pH
- Phenolphthalein alkalinity
- Program
- Sampling method
- Site code
- Specific conductance
- Stabilized (Yes or No)
- Time
- Total alkalinity
- Turbidity
- Volume purged
- Water temperature
- Well condition

Fluoride
Gross alpha
Iron
Lead
Lithium
Major ions
- Calcium
- Magnesium
- Potassium
- Silica

Manganese
Mercury
Nitrate-nitrite as nitrogen
Nonvolatile beta
Selenium
Silver
Sodium
Sulfate
Total dissolved solids
Total organic carbon
Total organic halogens
Total phosphates (as P)
Tritium

Scheduling Based on Flagging Levels

Only the flagging criteria for environmental screening and GC VOA (see **Glossary**) are used to trigger scheduling. Wells are grouped for scheduling by monitoring site or by the investigation for which they are sampled. Specific criteria for Flag 1 and Flag 2 designations are found in the **Flagging Criteria** section of this report.

Beginning in 1996, only wells in the environmental-screening program were scheduled by flagging criteria once a year. Constituents classified as Flag 0 in each well series are scheduled for analyses only by custodian request or as part of the triennial environmental-screening program. If an analytical result for an environmental-screening or GC VOA analysis in any well exceeds Flag 2 or Flag 1, the environmental-screening wells in the same monitoring series are sampled and analyzed for that constituent once a year. If a constituent falls below Flag 2 for three consecutive sampling events, the individual well's flag is reduced from Flag 2 status to Flag 1 or Flag 0 status, depending on the results, and the well is scheduled according to the lower flag. If a constituent falls below Flag 1 for three consecutive sampling events, the individual well's flag is reduced from Flag 1 status to Flag 0 status, and the flagging-based sampling ceases.

If an environmental-screening or GC VOA constituent has ever been flagged in a well series, it automatically is flagged for all new wells of that series that are designated as environmental-screening wells. The rules previously referred to also apply to removal of a flag from a new well.

When one or more of the five constituents in the GC VOA suite are flagged, the entire suite is scheduled for analysis. The GC VOA suite includes the following constituents: carbon tetrachloride, chloroform, tetrachloroethylene, 1,1,1-trichloroethane, and trichloroethylene.

The following constituents are exceptions to the flagging rules but still receive analyses by custodian request or during triennial environmental-screening analyses:

- Specific conductance and pH, two indicator constituents, have flagging criteria but do not trigger the scheduling mechanism.
- No flags are set for the following indicator parameters and major cations: alkalinity, 5-day biochemical oxygen demand, calcium, carbonate, chemical oxygen demand, magnesium, potassium, silica, sodium, total dissolved solids, total phosphates (as P), and total phosphorus.
- Aesthetic analyses such as color, odor, corrosivity, Eh, turbidity, and surfactants are not assigned flagging criteria but may be analyzed by special request.
- Common laboratory contaminants and cleaners including phthalates, dichloromethane (methylene chloride), ketones, and toluene are not assigned flagging criteria unless they have primary drinking water standards. These constituents may be analyzed by special request.

GCMS VOA ANALYSES

All wells are reviewed for total organic halogens (TOH) results twice a year. GCMS VOA (see **Glossary**) is scheduled once for individual wells that are designated as environmental-screening wells, have had two results for TOH greater than 10 µg/L (excluding the first TOH analysis), and have never received GCMS VOA analysis.

SAMPLING REQUESTS

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

Regulatory Requirements

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

Changes in Sampling

For changes in sampling for fourth quarter 1999, please refer to *The Savannah River Site's Groundwater Monitoring Program 1999 Sampling Schedule.*

The following RCRA Facility Investigation/Remedial Investigation (RFI/RI) and South Carolina Department of Health and Environmental Control (SCDHEC) projects were in process during fourth quarter 1999:

- F- and H-Area Seepage Basins
- F- and H-Area Water Treatment Unit Injection Tanks
- M-Area Hazardous Waste Management Facility
- Mixed Waste Management Facility
- Purge Water Management System
- Sanitary Landfill

CERCLA Projects

The following Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) projects were either in process or new during fourth quarter 1999:

- Central Shops Sewage Sludge Lagoon
- D-Area Coal Pile Runoff Containment Basin and Ash Basin
- R-Area Acid/Caustic Basin
- R-Area Burning/Rubble Pits
- Silverton Road Waste Site
- TNX Area

MAINTENANCE, ACCESS, OR OTHER PROBLEMS

Wells BGO 53D; FSL 4D; KAB 2, 4; and KSB 5D were not sampled during fourth quarter 1999 because there was no water to the surface in these wells.

The following wells were not sampled because they were not operating: RWM 7 (December), RWM 8 (October, November, and December), and RWM 9 (November and December).

Well BGO 33C was not sampled because it is part of the Purge Water Management System pilot project.

Well KCB 7 was abandoned during fourth quarter.

Well LAW 2C was sampled but the sample bottle broke during shipping.

Well MSB 91TB could not be sampled because the equipment failed; wells MSB 90TB and 91C were not sampled either since they were associated with well MSB 91TB.

Environmental screening wells NBG 1 and 2 were not sampled due to time constraints.

DRY WELLS

The following wells were dry during fourth quarter 1999: BGO 8AR; BSE 1D1, 1D2, 1D3, 2D1, 2D2, 2D3, 3C1, 3D1, 3D2; FSB106D; HSB109D and 113D.

PURGE-WATER CONTAINMENT PROGRAM

Beginning in 1991, a purge-water containment program was partially implemented to dispose properly of the water purged from certain wells before sampling. According to the *Investigation-Derived Waste Management Plan* (WSRC, 1995), additional wells were identified for purge-water treatment at the M–1 Air Stripper and the F– and H–Area Effluent Treatment Facility. The program has been implemented. The following wells were scheduled for analysis as part of the Groundwater Monitoring Program during fourth quarter 1999 but were not sampled because the purge water from these wells could not be disposed of at the M-1 Air Stripper: LFW 10A and 67C.

Field Notes

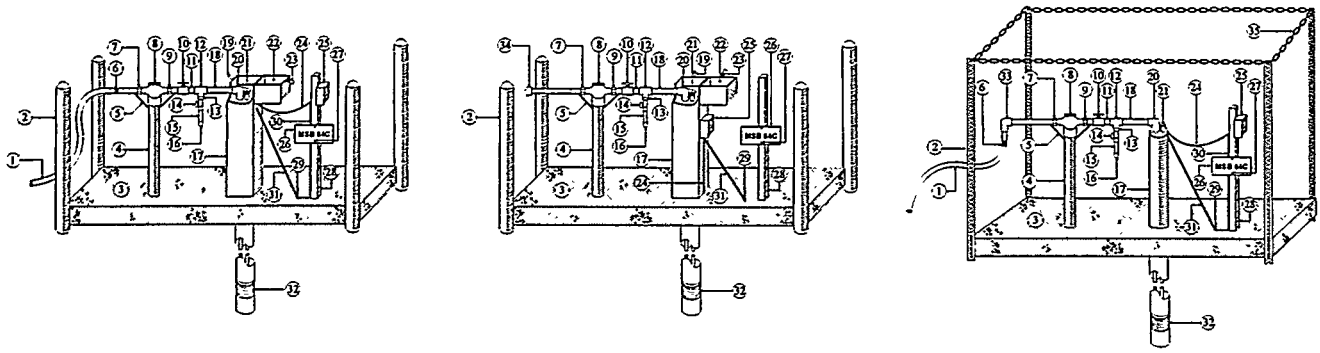
A sampler may visit a well to collect field data, collect samples, and/or measure depth to water. A well may be visited multiple times during a quarter for any combination of these reasons. Field measurements generally include air temperature, depth to water prior to pumping, flow rate, pH, phenolphthalein alkalinity, specific conductance, total alkalinity, turbidity, volume of water purged prior to sampling, and water temperature. Dissolved oxygen and Eh (REDOX potential) can be obtained by special request.

EPD/EMS personnel and RCS Corporation of Aiken, SC, performed well visitations during fourth quarter 1999. Each sampler maintained a field notebook. These notebooks are in the fourth quarter 1999 section of the EPD/EMS Groundwater Monitoring Library. All well visitations were routine during fourth quarter 1999, except as indicated in table 3. The table includes samplers' comments about conditions that may affect the samples or the data-collection process. During third quarter 1999, the field notebooks were reformatted to accommodate the use of hand-held computers for capturing field data and samplers' comments. As a result, samplers entered fewer comments in the field notebooks and this table for fourth quarter 1999 may not be as extensive or detailed as in quarters previous to third quarter 1999.

The majority of wells sampled during fourth quarter 1999 were pumped. Bailed wells are listed in table 74 in the Quality Control Samples section.

If a well pumps or is bailed dry during purging and is revisited and sampled within 24 hours, this is considered one sampling event yielding a single set of field and analytical data. For such wells, table 3 lists the volume purged before the well went dry during the first visitation. The **Analytical Results** section gives the total amount of water purged from each well in one sampling event.

Comments about dry wells and continuously pumping wells are in the **Analytical Results** section.



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

Figure 3. Three Types of Groundwater Monitoring Wellheads

Table 3. Comments from the Field Data

Well	*Date*	*Comments*
BGO Series		
BGO 1D	11/17/99	Dry after 14 gal
BGO 2D	11/03/99	Dry after 9 gal; no water in standpipe
BGO 4D	11/03/99	Dry after 1 gal; no water in standpipe
BGO 5C	11/03/99	Dry after 14 gal
BGO 5D	11/30/99	Dry after 4 gal
BGO 6B	11/03/99	Dry after 41 gal
BGO 10C	11/03/99	Pumped dry
BGO 10DR	11/03/99	Pumped dry
BGO 12CX	11/08/99	Dry after 2 gal
BGO 13DR	11/03/99	Dry after 5 gal
	11/05/99	Dry after 6 gal
BGO 16B	11/03/99	Dry after 49 gal
BGO 16D	11/29/99	Dry after 3 gal
BGO 17DR	11/03/99	Dry after 7 gal
BGO 20D	11/05/99	Dry after 10 gal
BGO 21D	11/05/99	Dry after 6 gal
BGO 24D	11/05/99	Dry after 7 gal
BGO 25A	11/05/99	Dry after 19 gal
BGO 26A	11/09/99	Dry after 30 gal
BGO 26D	11/09/99	Dry after 7 gal
BGO 27D	11/29/99	Dry after 10 gal
BGO 28D	12/01/99	Dry after 7 gal
BGO 29A	11/09/99	Dry after 44 gal
BGO 29C	11/29/99	Dry after 15 gal; pump not working
	12/14/99	Dry after 104 gal; flowmeter not working correctly
BGO 29D	11/29/99	Dry after 7 gal
BGO 30C	12/01/99	Dry after 34 gal
BGO 31C	11/30/99	Dry after 30 gal
BGO 31D	11/29/99	Dry after 8 gal
BGO 32D	11/29/99	Dry after 6 gal
	11/30/99	Pumped dry
BGO 33D	11/29/99	Dry after 5 gal
BGO 34D	11/29/99	Pumped dry
BGO 35D	11/09/99	Dry after 8 gal
BGO 36D	11/09/99	Dry after 7 gal
BGO 37D	11/09/99	Dry after 6 gal
BGO 38D	11/09/99	Dry after 8 gal
	11/15/99	Pumped dry
BGO 40D	11/09/99	Dry after 3 gal
	11/29/99	Pumped dry, went dry trying to lower turbidity
	11/30/99	High turbidity
BGO 41A	11/09/99	Dry after 20 gal
BGO 43A	11/09/99	Dry after 19 gal
BGO 43CR	11/09/99	Dry after 17 gal
BGO 44B	11/09/99	Dry after 35 gal
BGO 44C	11/09/99	Dry after 18 gal
BGO 45B	11/29/99	Dry after 38 gal; filtered
BGO 45C	11/29/99	Dry after 15 gal; filtered
BGO 45D	11/29/99	Filtered
BGO 46B	11/29/99	Filtered RCRA metals
BGO 47C	11/29/99	Filtered
BGO 50C	11/29/99	Dry after 32 gal
BGO 51D	11/17/99	Pumped dry

Well	Date	Comments
BGX Series		
BGX 1A	11/09/99	Dry after 55 gal
BGX 1D	11/30/99	Dry after 2 gal
BGX 2D	11/09/99	Dry after 38 gal
BGX 4A	11/15/99	Flowmeter broken, estimated flow rate at 3 gpm
BGX 10D	11/20/99	Dry after 3 gal
BGX 11D	11/20/99	Dry after 3 gal
BSE Series		
BSE 2D1	12/29/99	Well is dry
BSE 3C1	12/30/99	Pumped less than 0.5 gal before going dry
BSE 3C2	12/30/99	All parameters stable except for turbidity
CRP Series		
CRP 3D	11/11/99	Dry after 3 gal
	12/06/99	Pumped dry
	12/30/99	Waited 35 min for recovery; water level was 63.00 ft, no water to surface
CRP 17DU	11/04/99	Dry after 44 gal
CSD Series		
CSD 1D	10/27/99	Bailed 24 gal; high turbidity
CSL Series		
CSL 25D	11/09/99	Dry after 1 gal
CSL 27D	11/10/99	Dry after 1 gal
FET Series		
FET 1D	10/18/99	Pumped dry
FNB Series		
FNB 5	10/22/99	Flowmeter broken, estimated volume purged
FSB Series		
FSB 78C	10/27/99	Dry after 12 gal
FSB 88D	10/26/99	Dry after 9 gal
FSB 90D	10/26/99	Dry after 3 gal; no water in standpipe
	12/07/99	No water in standpipe
FSB 91C	10/06/99	Dry after 28 gal
FSB 93D	10/27/99	Dry after 3 gal
FSB 94C	12/15/99	Pumped dry
FSB 97C	10/26/99	Dry after 10 gal; flowmeter broken, estimated volume purged
FSB 97D	10/26/99	Dry after 7 gal
FSB 98D	10/04/99	Sampling terminated by RCO because of rain
FSB106D	10/11/99	Dry after 1 gal; no water in standpipe
FSB108D	10/11/99	Dry after 8 gal
FSB113A	10/05/99	Dry after 43 gal
FSB113C	10/05/99	Dry after 42 gal
FSB115D	10/27/99	Dry after 1 gal; no water in standpipe
FSB116D	10/08/99	Purged through sample port to lower turbidity
FSB119D	10/26/99	Dry after 7 gal
FSB120A	10/13/99	Dry after 24 gal
FSB120D	10/13/99	Dry after 7 gal

Well	Date	Comments
FSL Series		
FSL 1D	10/11/99	Dry after 3 gal
FSL 4D	10/11/99	Not enough water to come to surface, well cannot be sampled
FSS Series		
FSS 1D	11/29/99	Dry after 3 gal
FSS 2D	11/18/99	Pumped dry
	11/29/99	Dry after 13 gal
FSS 3D	11/29/99	Dry after 10 gal
FSS 4D	11/29/99	Dry after 15 gal
HAA Series		
HAA 3D	10/06/99	Pumped dry
HCA Series		
HCA 2	10/19/99	Pump broken
HCA 3	10/19/99	Dry after 10 gal
HET Series		
HET 3D	10/18/99	Top will not close
HMD Series		
HMD 1D	11/21/99	Pumped dry
	11/29/99	Pumped dry
	11/30/99	High turbidity
HMD 4D	11/29/99	Pumped dry
HSB Series		
HSB 68	10/20/99	No water in standpipe
HSB 68C	10/04/99	Pumped dry
HSB 70C	10/18/99	Dry after 23 gal
HSB 71C	10/18/99	Dry after 18 gal
HSB 84C	10/05/99	Pumped dry
HSB 85B	10/07/99	Pumped dry
HSB101C	10/18/99	Dry after 10 gal
	12/06/99	Pumped dry
HSB102D	11/02/99	Dry after 12 gal
	12/09/99	Flowmeter broken; purged 13 gal into 5 gal bucket
HSB108D	10/20/99	Dry after 24 gal
HSB109D	10/20/99	Well is dry; no water in standpipe
HSB110D	10/04/99	Well is dry; no water in standpipe
	10/13/99	No water in standpipe
HSB111E	11/02/99	No water in standpipe
HSB112E	10/04/99	Dry after 3 gal; no water in standpipe
HSB113D	11/02/99	No water to surface, well is dry
HSB114C	10/19/99	No water in standpipe
	12/06/99	No water in standpipe
HSB114D	11/01/99	Dry after 7 gal
HSB115D	10/27/99	Dry after 1 gal; no water in standpipe
	11/01/99	Dry after 2 gal; no water in standpipe
	11/02/99	No water in standpipe
HSB116D	11/01/99	Dry after 10 gal
HSB123A	10/19/99	Pumped dry
HSB126D	10/05/99	Dry after 8 gal

Well	Date	Comments
HSB129C	10/18/99	Dry after 18 gal
HSB129D	10/14/99	Snake in well
HSB136C	10/18/99	Dry after 22 gal
HSB138D	10/14/99	Pumped dry
HSB139C	10/18/99	Dry after 25 gal
HSB141A	10/07/99	Dry after 125 gal
HSB141D	10/07/99	Dry after 8 gal
HSB142C	11/29/99	Metals sample filtered
HSB142D	10/13/99	Dry after 9 gal
	11/29/99	Dry after 2 gal; filtered sample for metals
HSB146D	10/07/99	Dry after 16 gal
HSB147D	10/06/99	Dry after 7 gal
HSB148C	10/08/99	Dry after 21 gal
HSB148D	10/08/99	Dry after 4 gal
HSB150D	10/13/99	Dry after 13 gal
HSB151C	11/29/99	Readings taken before filtration, sample was filtered
HSB151D	11/29/99	Readings taken before filtration, sample was filtered using 0.45 micron filter
HSB152D	10/13/99	Dry after 3 gal; no water in standpipe
HSL Series		
HSL 5D	10/12/99	Dry after 6 gal
HSL 6D	10/12/99	Dry after 5 gal
HSL 7D	10/12/99	Dry after 4 gal
HSL 8D	10/12/99	Dry after 2 gal
HWS Series		
HWS 1A	10/19/99	No power to pump
HXB Series		
HXB 1	10/12/99	3" Pump not working
KAB Series		
KAB 2	10/13/99	No water to surface, pump problems
KAB 4	10/13/99	No water to surface, pump problems
KCB Series		
KCB 5	10/13/99	Dry after 4 gal
KDB Series		
KDB 1	10/22/99	Dry after 14 gal
	11/19/99	Dry after 14 gal
	12/17/99	Dry after 14 gal
KDB 3	10/22/99	Dry after 15 gal
	11/19/99	Dry after 13 gal
	12/17/99	Dry after 14 gal
KDB 4	10/22/99	Dry after 4 gal; no water in standpipe
	11/19/99	Dry after 4 gal; no water in standpipe
	12/17/99	Dry after 3 gal; no water in standpipe
KDB 5	10/22/99	Dry after 6 gal
	11/19/99	Dry after 5 gal
	12/17/99	Dry after 6 gal

Well	Date	Comments
KRP Series		
KRP 1	10/13/99	3" Control box broken
	10/15/99	Pump is not getting power
KRP 3	10/13/99	3" Control box broken
	10/15/99	Pump is not getting power
KSB Series		
KSB 5D	10/14/99	No water to surface
LAC Series		
LAC 2	10/27/99	Flowmeter broken, estimated flow rate into 5 gal bucket, 2 gal per minute
LDB Series		
LDB 1	10/22/99	Dry after 17 gal
	11/19/99	Dry after 21 gal
	12/17/99	Dry after 17 gal
LDB 2	10/22/99	Dry after 19 gal
	11/19/99	Dry after 19 gal
	12/17/99	Dry after 17 gal
LDB 4	10/22/99	Dry after 6 gal
	11/19/99	Dry after 5 gal
	12/17/99	Dry after 6 gal
LFW Series		
LFW 61D	12/08/99	Pump broken, well not sampled
LSB Series		
LSB 1	10/18/99	Not working
LSB 3	10/18/99	Not working
LSB 4	10/18/99	Pump broken
MSB Series		
MSB 90TB	12/28/99	No power
MSB 91B	12/29/99	Well not sampled
NBG Series		
NBG 3	10/25/99	Dry after 9 gal
NBG 4	10/25/99	Dry after 11 gal
NBG 5	10/25/99	Dry after 18 gal
PCB Series		
PCB 2A	10/25/99	Flowmeter not operating
PCB 3A	10/25/99	Dry after 12 gal
PDB Series		
PDB 5	10/25/99	Dry after 3 gal
PRP Series		
PRP 7	11/04/99	Pumped dry

Well	Date	Comments
RDB Series		
RDB 1D	10/25/99	Pumped dry
RDB 2D	10/25/99	Pumped dry
RDB 3D	10/25/99	Pumped dry
RRP Series		
RRP 3	12/17/99	Dry after 95 gal
RWM Series		
RWM 1	12/13/99	No water in standpipe
RWM 7	12/13/99	Well not in operation
RWM 8	12/13/99	Well not in operation
RWM 9	12/13/99	Well not in operation
SCA Series		
SCA 5	10/27/99	Dry after 12 gal
SLP Series		
SLP 1	10/19/99	Pumped dry
SRW Series		
SRW 19	12/01/99	Dry after 1 gal
TBG Series		
TBG 3	12/15/99	Dry after 7 gal
TBG 6	11/19/99	Dry after 12 gal
TNX Series		
TNX 2D	11/17/99	Dry after 4 gal
TNX 3D	11/19/99	Dry after 3 gal
TNX 4D	11/17/99	Dry after 5 gal
TNX 5D	11/17/99	Trips generator breaker
	12/01/99	Dry after 2 gal
TNX 6D	11/17/99	Dry after 3 gal
TNX 7D	11/17/99	Dry after 9 gal
TRW Series		
TRW 4	12/14/99	Water level not taken, key was not available to unlock well
YSC Series		
YSC 2D	10/19/99	Pumped dry
	10/20/99	Samples pulled with high turbidity = 44.7 NTU

NOTES

Analytical Data Review

The SRS Groundwater Monitoring Program evaluates all data systematically to provide high-quality data for reporting on the environmental monitoring and cleanup efforts at SRS. Data verification and validation are continuous, interactive processes, usually completed within 60 days after the last data are received for a quarter.

EX, GE, and WA, the primary contracting laboratories for sample analyses, performed all analyses with the following exceptions:

- The EM Lab at SRS conducted total-activity analyses of samples for shipping clearance. The EM Lab also conducted tritium analyses of samples from specified well series.
- GP conducted radionuclide analyses for GE, and TM conducted radionuclide analyses for WA. GP and TM conducted gross alpha, nonvolatile beta, tritium, and selected radionuclide analyses.
- ML performed onsite analyses of volatile and semivolatile organics and metals.

GIMS DATA REVIEW MODULE

The Geochemical Information Management System (GIMS) is a combination of hardware, software, data, and procedures that supports EPD/EMS' data management activities. The GIMS Data Review Module provides automated data loading, validation and verification functions, data editing, determination of data review status, report generation, and data review QA. The data editing program allows users to correct errors in loaded analytical, field, and shipping data. When the review process is complete, data are loaded into the permanent production database tables in GIMS and are available sitewide.

REVIEW OF THE ANALYTICAL DATA

EPD/EMS accepts subcontract laboratory data using a software program to compare the data against established acceptance criteria and to produce an output report identifying those instances where the acceptance criteria are not met. After acceptance, EPD/EMS performs additional reviews of the analytical data for errors and unusual results before releasing the data for use. The laboratories are asked to review and comment on suspect data.

Typical errors identified during data loading into GIMS include incorrect sample dates, run dates, and sample identifications; incorrectly entered analytical units, methods, and corresponding detection limits; and incorrect dilution factor calculations.

Analytical results that appear different from historical data collected since 1991 are brought to the attention of the appropriate laboratory. Thus, the laboratory is able to identify problems with some of the analyses, including incorrect dilution factor calculations and data entry errors. EPD/EMS corrects data files after receiving written notification from the laboratory. Specific details concerning the corrections are entered in the *EMS Groundwater Monitoring Program Changes to the Database Logbook.*

Samples that exceeded holding times are indicated by an EPA STORET code *Q* in the analytical results tables (see **Appendix B** for further information). The EPA STORET code *V* is used to indicate sample results associated with method laboratory blanks at the preparation step that are elevated above the instrument detection limit. Samples that were preserved incorrectly are marked with a *Y* EPA STORET code in the analytical results tables (see **Appendix B**). Usually, the *Y* indicates that the sample coolers were not cold enough. An EMS code *I* indicates that a sample's matrix spike recovery was not within control limits.

To determine if analytical results for a sampling site are similar to or relatively higher or lower than historical results, new results for each well are compared to that well's historical results using the following procedure:

- GIMS calculates the mean of the historical results and the mean of the historical results above detection for all analytes in the wells being compared. The historical results that are below their detection limit value are considered at their detection limits for the purpose of the calculation. The process eliminates any false high values due to diluted samples.

- GIMS factors in trends in the data calculated from the previous eight sampling events. If no previous data are available for a particular well/analyte combination, the program includes previous results from other wells in the same vicinity.

- Results greater than 10 times the calculated mean of the previous results are marked as "high." Results (or their detection limits if the results are below detection) less than 10 percent of the calculated mean of the previous results are marked as "low."

GIMS flags the potentially anomalous results for review. The data reviewer examines the results and takes into account individual historical values, variations of certain values, general trends in the data, and data in the prep batch associated with the current result. The data reviewer eliminates results if anomalous historical results have skewed the calculated mean. Another data reviewer inspects and confirms that the results marked as anomalous are properly identified. Anomalous results are presented to the lab for review and comment. Results significantly high or low compared with historical data are rerun by the lab.

Review of the Analytical Narratives

EPD/EMS reviews the analytical narratives received from the laboratories, which are used as reference materials throughout the data validation process. Any discrepancies between the narratives and the analytical or chain-of-custody (COC) data must be resolved by the laboratories. The narratives include the following types of problems: QA samples that do not meet the criteria specified by the analytical method, problems with matrix interference, sample-specific adjustments to the method caused by high concentrations of some analytes, problems with sample preservation and holding time, instrument calibration problems, and contaminated blanks. The narratives also include additional information about COC and analytical data.

Review of EX's Analytical Data

A technical review of the quarter's analytical data identified no reported results as high compared with historical data.

A technical review of the quarter's analytical data identified no reported results as low compared with historical data.

Review of GE's Analytical Data

A technical review of the quarter's analytical data identified at least one reported result for each of the analyses in table 4 as high compared with historical data. A review of the laboratory records did not reveal any problems with the analyses.

A technical review of the quarter's analytical data identified at least one reported result for each of the analyses in table 5 as low compared with historical data. A review of the laboratory records did not reveal any problems with the analyses.

Review of GP's Analytical Data

A technical review of the quarter's analytical data identified at least one reported result for each of the analyses in table 6 as high compared with historical data. A review of the laboratory records did not reveal any problems other than those listed below.

A technical review of the quarter's analytical data identified at least one reported result for each of the analyses in table 7 as low compared with historical data. A review of the laboratory records did not reveal any problems other than those listed below.

Results for several wells were rejected due to low abundance for actinium-228, cesium-137, lead-212, and potassium-40.

Results for several wells were rejected due to thorium-229 tracer trailing for thorium-230.

Results for several wells were rejected due to interference for zinc-65.

Review of WA's Analytical Data

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

A technical review of the quarter's analytical data identified at least one reported result for each of the analyses in table 9 as low compared with historical data. A review of the laboratory records did not reveal any problems with the analyses.

Review of TM's Analytical Data

A technical review of the quarter's analytical data identified at least one reported result for each of the analyses in table 10 as high as compared with historical data. A review of the laboratory records did not reveal any problems with the analyses.

A technical review of the quarter's analytical data identified no reported results as low compared with historical data.

ANALYTICAL METHODS

Sample analyses performed for EPD/EMS during fourth quarter 1999 were conducted using EPA and other methods as noted in tables 11–16 at the end of this section. EX, GE, and WA performed most of the analyses conducted during the quarter. Their methods and estimated quantitation limits (EQLs) are listed in table 11 for EX, table 12 for GE, and table 13 for WA.

ML performed some on-site analyses of volatile and semivolatile organics and metals. Their methods and EQLs are listed in table 14. GP and TM performed the radionuclide analyses during fourth quarter 1999. Radionuclide methods generally are modified by the laboratories performing the analyses. Their methods and EQLs are listed in table 15 for GP and table 16 for TM.

The EM Lab conducted selected radionuclide analyses of samples required by the Groundwater Monitoring Program. The total activity method used by the EM Lab is an in-house method based on applicable EPA, DOE, or other procedures. Methods used by EPD/EMS for testing other radioisotopes also are in-house analytical methods. The EM Lab radioactivity determinations are typically reported as the absolute concentrations calculated from the analytical tests.

If the laboratories used more than one analytical method for an analyte, the methods are listed in the tables in descending order according to frequency of use. Generally, the method listed first was used for at least half of the analyses.

Table 4. GE Samples with High Analytical Results as Compared to Historical Data

Analyte	Well(s)
Aluminum	FSB 87C, 91D, 111D
Barium	FSB 91D; FSL 8D
1,2-Dichloroethane	FIN 2TK†
Iron	FSB112D
Lead	MSB 11D
Nitrate-nitrite as nitrogen	FSB 91D; FSL 6D
pH	FSB 94C†
Specific conductance	FSB 87D, 91D; FSL 6D; HSB 85A
Vanadium	HIN600TK❖

† The questioned value was at least 10 times higher than historical data. Because holding times had been exceeded, the laboratory was unable to reanalyze the sample.

❖ The questioned value was at least 10 times higher than historical data. Because holding times had not been exceeded, the laboratory was asked to reanalyze the sample.

Table 5. GE Samples with Low Analytical Results as Compared to Historical Data

Analyte	Well(s)
pH	HSB 85A
Specific conductance	FSB 89D
Total dissolved solids	BGO 10AR

Table 6. GP Samples with High Analytical Results as Compared to Historical Data

Analyte	Well(s)
Carbon-14	BGO 30C, 39D
Gross alpha	FSB100A†, 108D†; FSL 1D; HSB 68A†
Nonvolatile beta	FSB 78A, 91D, 100A†, 108D†, 118D†; FSL 1D, 6D; HSB 68A, 143D
Radium-226	HIN600TK
Strontium-90	BGO 30C
Tritium	FSB 91D; FSL 6D

† The questioned value was at least 10 times higher than historical data. Because holding times had not been exceeded, the laboratory was asked to reanalyze the sample.

Table 7. GP Samples with Low Analytical Results as Compared to Historical Data

Analyte	Well(s)
Tritium	BGX 5D; FSB 93C

Table 8. WA Samples with High Analytical Results as Compared to Historical Data

Analyte	*Well(s)*
Alkalinity (as $CaCO_3$)	BGO 17DR
Aluminum	BGO 20D, 29A, 39D, 44D, 49A; FSB114C; HMD 1D†, 2D†, 3D; LRP 3†
Barium	BGO 44D, 49A; BGX 4D; FSS 4D†
Chromium	BGO 28D, 40D
Copper	BGX 4D
Dicholoromethane (Methylene chloride)	BGO 11DR, 12CX❖, 34D, 52C
Iron	BGO 15D, 18A, 39D, 44D, 47A†, 47D; BGX 4D†, 12C; FSB114C; HMD 1D†, 2D†; YSC 2D†
Lead	BGX 4D
Lithium	BGO 49A
Nickel	BGO 28D
Nitrate as nitrogen	XSB 4D
Nitrate-nitrite as nitrogen	ARP 3
Silver	BGO 40D
Sulfate	BGO 44D❖
Total dissolved solids	BGO 10C†, 37C❖, 49A; FSS 1D; HMD 4D❖
Total organic carbon	BGO 6A❖, 26D❖
Total phosphates (as P)	HCA 3❖
Trichloroethylene	BGO 14DR
Zinc	BGO 44D

† The questioned value was at least 10 times higher than historical data. Because holding times had not been exceeded, the laboratory was asked to reanalyze the sample.

❖ The questioned value was at least 10 times higher than historical data. Because holding times had been exceeded, the laboratory was unable to reanalyze the sample.

Table 9. WA Samples with Low Analytical Results as Compared to Historical Data

Analyte	*Well(s)*
Alkalinity (as $CaCO_3$)	BGO 18A
Iron	BGX 2D

Table 10. TM Samples with High Analytical Results as Compared to Historical Data

Analyte	*Well(s)*
Gross alpha	LFW 47D
Nonvolatile beta	BGO 6A, 16AR
Strontium-90	BGO 18A†, 47A
Tritium	BGO 16AR, 18A; HSB 68A†; LDB 2†; LFW 23R, 31†, 43B†, 61D, 63C, 69D†

† The questioned value was at least 10 times higher than historical data. Because holding times had not been exceeded, the laboratory was asked to reanalyze the sample.

Table 11. Methods and Estimated Quantitation Limits Used by EX

Analyte	*Unit*	*Method*	*Minimum/Maximum EQLs*
Acenaphthene	µg/L	EPA8270C	10.0
Acenaphthylene	µg/L	EPA8270C	10.0
Acetone	µg/L	EPA8260B	20.0
Acetonitrile	µg/L	EPA8260B	200/500
Acrolein	µg/L	EPA8260B	50.0
Acrylonitrile	µg/L	EPA8260B	10.0/50.0
Aldrin	µg/L	EPA8081A	0.1
Allyl chloride	µg/L	EPA8260B	5.0/10.0
Aluminum	µg/L	EPA6010B	200
Anthracene	µg/L	EPA8270C	10.0
Antimony	µg/L	EPA6010B	100
Arsenic	µg/L	EPA6010B	10.0
Barium	µg/L	EPA6010B	10.0
Benzene	µg/L	EPA8260B	5.0/2,500
alpha-Benzene hexachloride	µg/L	EPA8081A	0.1
beta-Benzene hexachloride	µg/L	EPA8081A	0.1
delta-Benzene hexachloride	µg/L	EPA8081A	0.1
Benzidine	µg/L	EPA8270C	10.0
Benzo[a]anthracene	µg/L	EPA8270C	10.0
Benzo[b]fluoranthene	µg/L	EPA8270C	10.0
Benzo[k]fluoranthene	µg/L	EPA8270C	10.0
Benzo[g,h,i]perylene	µg/L	EPA8270C	10.0
Benzo[a]pyrene	µg/L	EPA8270C	10.0
Beryllium	µg/L	EPA6010B	1.0
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	10.0
Bis(2-chloroethyl) ether	µg/L	EPA8270C	10.0
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	10.0
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	10.0
Boron	µg/L	EPA6010B	100
Bromodichloromethane	µg/L	EPA8260B	5.0/2,500
Bromoform	µg/L	EPA8260B	5.0/2,500
Bromomethane	µg/L	EPA8260B	5.0/2,500
4-Bromophenyl phenyl ether	µg/L	EPA8270C	10.0
Butylbenzyl phthalate	µg/L	EPA8270C	10.0
Cadmium	µg/L	EPA6010B	10.0
Carbon disulfide	µg/L	EPA8260B	5.0
Carbon tetrachloride	µg/L	EPA8260B	5.0/2,500
alpha-Chlordane	µg/L	EPA8081A	0.1
gamma-Chlordane	µg/L	EPA8081A	0.1
Chlorobenzene	µg/L	EPA8260B	5.0/2,500
4-Chloro-m-cresol	µg/L	EPA8270C	10.0
Chloroethane	µg/L	EPA8260B	5.0/2,500
Chloroethene	µg/L	EPA8260B	5.0/2,500
2-Chloroethyl vinyl ether	µg/L	EPA8260B	5.0/2,500
Chloroform	µg/L	EPA8260B	5.0/2,500
Chloromethane	µg/L	EPA8260B	5.0/2,500
2-Chloronaphthalene	µg/L	EPA8270C	10.0
2-Chlorophenol	µg/L	EPA8270C	10.0
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	10.0
Chloroprene	µg/L	EPA8260B	20.0/50.0
Chromium	µg/L	EPA6010B	10.0
Chrysene	µg/L	EPA8270C	10.0
Copper	µg/L	EPA6010B	20.0
Cyanide	µg/L	EPA9014	10.0
p,p´-DDD	µg/L	EPA8081A	0.2
p,p´-DDE	µg/L	EPA8081A	0.2

Analyte	Unit	Method	Minimum/Maximum EQLs
p,p´-DDT	µg/L	EPA8081A	0.2
Dibenz[a,h]anthracene	µg/L	EPA8270C	10.0
Dibromochloromethane	µg/L	EPA8260B	5.0/2,500
1,2-Dibromo-3-chloropropane	µg/L	EPA8260B	5.0/10.0
1,2-Dibromoethane	µg/L	EPA8260B	5.0
Dibromomethane	µg/L	EPA8260B	5.0
Di-n-butyl phthalate	µg/L	EPA8270C	10.0
1,2-Dichlorobenzene	µg/L	EPA8260B	5.0
1,3-Dichlorobenzene	µg/L	EPA8260B	5.0
1,4-Dichlorobenzene	µg/L	EPA8260B	5.0
3,3´-Dichlorobenzidine	µg/L	EPA8270C	10.0
trans-1,4-Dichloro-2-butene	µg/L	EPA8260B	5.0/20.0
Dichlorodifluoromethane	µg/L	EPA8260B	5.0
1,1-Dichloroethane	µg/L	EPA8260B	5.0/2,500
1,2-Dichloroethane	µg/L	EPA8260B	5.0/2,500
1,1-Dichloroethylene	µg/L	EPA8260B	5.0/2,500
cis-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/2,500
trans-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/2,500
Dichloromethane	µg/L	EPA8260B	5.0/5,000
2,4-Dichlorophenol	µg/L	EPA8270C	10.0
1,2-Dichloropropane	µg/L	EPA8260B	5.0/2,500
cis-1,3-Dichloropropene	µg/L	EPA8260B	5.0/2,500
trans-1,3-Dichloropropene	µg/L	EPA8260B	5.0/2,500
Dieldrin	µg/L	EPA8081A	0.2
Diethyl phthalate	µg/L	EPA8270C	10.0
2,4-Dimethyl phenol	µg/L	EPA8270C	10.0
Dimethyl phthalate	µg/L	EPA8270C	10.0
2,4-Dinitrophenol	µg/L	EPA8270C	25.0
2,4-Dinitrotoluene	µg/L	EPA8270C	10.0
2,6-Dinitrotoluene	µg/L	EPA8270C	10.0
Di-n-octyl phthalate	µg/L	EPA8270C	10.0
1,4-Dioxane	µg/L	EPA8260B	500/1,000
1,2-Diphenylhydrazine	µg/L	EPA8270C	10.0
Endosulfan sulfate	µg/L	EPA8081A	0.2
Endosulfan I	µg/L	EPA8081A	0.1
Endosulfan II	µg/L	EPA8081A	0.2
Endrin	µg/L	EPA8081A	0.2
Endrin aldehyde	µg/L	EPA8081A	0.2
Ethyl methacrylate	µg/L	EPA8260B	5.0
Ethylbenzene	µg/L	EPA8260B	5.0/2,500
Fluoranthene	µg/L	EPA8270C	10.0
Fluorene	µg/L	EPA8270C	10.0
Heptachlor	µg/L	EPA8081A	0.1
Heptachlor epoxide	µg/L	EPA8081A	0.1
Hexachlorobenzene	µg/L	EPA8270C	10.0
Hexachlorobutadiene	µg/L	EPA8270C	10.0
Hexachlorocyclopentadiene	µg/L	EPA8270C	10.0
Hexachloroethane	µg/L	EPA8270C	10.0
2-Hexanone	µg/L	EPA8260B	5.0/20.0
Indeno[1,2,3-c,d]pyrene	µg/L	EPA8270C	10.0
Iodomethane	µg/L	EPA8260B	5.0
Iron	µg/L	EPA6010B	200
Isobutyl alcohol	µg/L	EPA8260B	500/1,500
Isophorone	µg/L	EPA8270C	10.0
Lead	µg/L	EPA6010B	10.0
Lindane	µg/L	EPA8081A	0.1
Manganese	µg/L	EPA6010B	10.0
Mercury	µg/L	EPA7470A	0.5
Methacrylonitrile	µg/L	EPA8260B	200/500

Analyte	Unit	Method	Minimum/Maximum EQLs
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	25.0
Methyl ethyl ketone	µg/L	EPA8260B	10.0/20.0
Methyl isobutyl ketone	µg/L	EPA8260B	5.0/10.0
Methyl methacrylate	µg/L	EPA8260B	20.0/50.0
Naphthalene	µg/L	EPA8270C	10.0
Nickel	µg/L	EPA6010B	50.0
Nitrate as nitrogen	µg/L	EPA300.0	100/1,000
Nitrate-nitrite as nitrogen	µg/L	EPA300.0	100/1,000
Nitrobenzene	µg/L	EPA8270C	10.0
2-Nitrophenol	µg/L	EPA8270C	10.0
4-Nitrophenol	µg/L	EPA8270C	25.0
N-Nitrosodimethylamine	µg/L	EPA8270C	25.0
N-Nitrosodiphenylamine	µg/L	EPA8270C	10.0
N-Nitrosodipropylamine	µg/L	EPA8270C	10.0
PCB 1016	µg/L	EPA8082	1.0
PCB 1221	µg/L	EPA8082	1.0
PCB 1232	µg/L	EPA8082	1.0
PCB 1242	µg/L	EPA8082	2.0
PCB 1248	µg/L	EPA8082	1.0
PCB 1254	µg/L	EPA8082	1.0
PCB 1260	µg/L	EPA8082	1.0
Pentachloroethane	µg/L	EPA8260B	200
Pentachlorophenol	µg/L	EPA8270C	25.0
Phenanthrene	µg/L	EPA8270C	10.0
Phenol	µg/L	EPA8270C	10.0
Propionitrile	µg/L	EPA8260B	200/500
Pyrene	µg/L	EPA8270C	10.0
Selenium	µg/L	EPA6010B	10.0
Silver	µg/L	EPA6010B	20.0
Styrene	µg/L	EPA8260B	5.0
1,1,1,2-Tetrachloroethane	µg/L	EPA8260B	5.0
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	5.0/2,500
Tetrachloroethylene	µg/L	EPA8260B	5.0/2,500
Thallium	µg/L	EPA6010B	10.0
Toluene	µg/L	EPA8260B	5.0/2,500
Toxaphene	µg/L	EPA8081A	2.0
1,2,4-Trichlorobenzene	µg/L	EPA8270C	10.0
1,1,1-Trichloroethane	µg/L	EPA8260B	5.0/2,500
1,1,2-Trichloroethane	µg/L	EPA8260B	5.0/2,500
Trichloroethylene	µg/L	EPA8260B	5.0/2,500
Trichlorofluoromethane	µg/L	EPA8260B	5.0/2,500
2,4,6-Trichlorophenol	µg/L	EPA8270C	25.0
1,2,3-Trichloropropane	µg/L	EPA8260B	5.0
Vinyl acetate	µg/L	EPA8260B	5.0/20.0
Xylenes	µg/L	EPA8260B	10.0
Zinc	µg/L	EPA6010B	20.0

Table 12. Methods and Estimated Quantitation Limits Used by GE

Analyte	Unit	Method	Minimum/Maximum EQLs
Acenaphthene	µg/L	EPA8270C	9.9/10.0
Acenaphthylene	µg/L	EPA8270C	9.9/10.0
Acetone	µg/L	EPA8260B	5.0
Acetonitrile	µg/L	EPA8260B	25.0
Acetophenone	µg/L	EPA8270C	9.9/10.0

Analyte	Unit	Method	Minimum/Maximum EQLs
2-Acetylaminofluorene	µg/L	EPA8270C	9.9/10.0
Acrolein	µg/L	EPA8260B	10.0
Acrylonitrile	µg/L	EPA8260B	10.0
Aldrin	µg/L	EPA8081A	0.0198/0.1
Alkalinity (as $CaCO_3$)	meq/L	EPA310.1	1,000
Allyl chloride	µg/L	EPA8260B	5.0
Aluminum	µg/L	EPA6020	15.0/75.0
	µg/L	EPA6010B	50.0
4-Aminobiphenyl	µg/L	EPA8270C	9.9/10.0
Aniline	µg/L	EPA8270C	9.9/10.0
Anthracene	µg/L	EPA8270C	9.9/10.0
Antimony	µg/L	EPA6020	2.0
	µg/L	EPA6010B	10.0
Aramite	µg/L	EPA8270C	9.9/10.0
Arsenic	µg/L	EPA6020	3.0/30.0
	µg/L	EPA6010B	5.0
Barium	µg/L	EPA6020	2.0
	µg/L	EPA6010B	5.0
Benzene	µg/L	EPA8260B	1.0/200
alpha-Benzene hexachloride	µg/L	EPA8081A	0.0198/0.1
beta-Benzene hexachloride	µg/L	EPA8081A	0.0198/0.1
delta-Benzene hexachloride	µg/L	EPA8081A	0.0198/0.1
Benzo[*a*]anthracene	µg/L	EPA8270C	9.9/10.0
Benzo[*b*]fluoranthene	µg/L	EPA8270C	9.9/10.0
Benzo[*k*]fluoranthene	µg/L	EPA8270C	9.9/10.0
Benzo[*g,h,i*]perylene	µg/L	EPA8270C	9.9/10.0
Benzo[*a*]pyrene	µg/L	EPA8270C	9.9/10.0
Benzyl alcohol	µg/L	EPA8270C	9.9/10.0
Beryllium	µg/L	EPA6020	0.2
	µg/L	EPA6010B	5.0
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	9.9/10.0
Bis(2-chloroethyl) ether	µg/L	EPA8270C	9.9/10.0
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	9.9/10.0
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	9.9/11.0
Boron	µg/L	EPA6010B	50.0
	µg/L	EPA6020	15.0
Bromodichloromethane	µg/L	EPA8260B	1.0/200
Bromoform	µg/L	EPA8260B	1.0/200
Bromomethane	µg/L	EPA8260B	1.0/200
4-Bromophenyl phenyl ether	µg/L	EPA8270C	9.9/10.0
Butylbenzyl phthalate	µg/L	EPA8270C	9.9/10.0
2-sec-Butyl-4,6-dinitrophenol	µg/L	EPA8270C	9.9/10.0
Cadmium	µg/L	EPA6020	1.0
	µg/L	EPA6010B	5.0
Calcium	µg/L	EPA6010B	100
Carbon disulfide	µg/L	EPA8260B	5.0
Carbon tetrachloride	µg/L	EPA8260B	1.0/200
Chlordane	µg/L	EPA8081A	0.248/1.25
Chloride	µg/L	EPA300.0	100
4-Chloroaniline	µg/L	EPA8270C	9.9/10.0
Chlorobenzene	µg/L	EPA8260B	1.0/200
Chlorobenzilate	µg/L	EPA8270C	9.9/10.0
4-Chloro-m-cresol	µg/L	EPA8270C	9.9/10.0
Chloroethane	µg/L	EPA8260B	1.0/200
Chloroethene	µg/L	EPA8260B	1.0/200
2-Chloroethyl vinyl ether	µg/L	EPA8260B	5.0/1,000
Chloroform	µg/L	EPA8260B	1.0/200
Chloromethane	µg/L	EPA8260B	1.0/200

Analyte	Unit	Method	Minimum/Maximum EQLs
2-Chloronaphthalene	µg/L	EPA8270C	9.9/10.0
2-Chlorophenol	µg/L	EPA8270C	9.9/10.0
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	9.9/10.0
Chloroprene	µg/L	EPA8260B	2.0
Chromium	µg/L	EPA6020	3.0
	µg/L	EPA6010B	5.0
Chrysene	µg/L	EPA8270C	9.9/10.0
Cobalt	µg/L	EPA6020	1.0
	µg/L	EPA6010B	5.0
Copper	µg/L	EPA6020	1.0/2.0
	µg/L	EPA6010B	5.0
m/p-Cresol	µg/L	EPA8270C	9.9/10.0
o-Cresol	µg/L	EPA8270C	9.9/10.0
Cesium	µg/L	EPA6020	0.5
Cyanide	µg/L	EPA9012A	5.0/10.0
p,p´-DDD	µg/L	EPA8081A	0.0396/0.2
p,p´-DDE	µg/L	EPA8081A	0.0396/0.2
p,p´-DDT	µg/L	EPA8081A	0.0396/0.2
Diallate	µg/L	EPA8270C	9.9/10.0
Dibenz[*a,h*]anthracene	µg/L	EPA8270C	9.9/10.0
Dibenzofuran	µg/L	EPA8270C	9.9/10.0
Dibromochloromethane	µg/L	EPA8260B	1.0/200
1,2-Dibromo-3-chloropropane	µg/L	EPA8260B	1.0
1,2-Dibromoethane	µg/L	EPA8260B	1.0
Dibromomethane	µg/L	EPA8260B	1.0
Di-n-butyl phthalate	µg/L	EPA8270C	9.9/10.0
1,2-Dichlorobenzene	µg/L	EPA8270C	9.9/10.0
1,3-Dichlorobenzene	µg/L	EPA8270C	9.9/10.0
1,4-Dichlorobenzene	µg/L	EPA8270C	9.9/10.0
3,3´-Dichlorobenzidine	µg/L	EPA8270C	19.8/20.0
trans-1,4-Dichloro-2-butene	µg/L	EPA8260B	5.0
Dichlorodifluoromethane	µg/L	EPA8260B	5.0
1,1-Dichloroethane	µg/L	EPA8260B	1.0/200
1,2-Dichloroethane	µg/L	EPA8260B	1.0/200
1,1-Dichloroethylene	µg/L	EPA8260B	1.0/200
1,2-Dichloroethylene	µg/L	EPA8260B	2.0
cis-1,2-Dichloroethylene	µg/L	EPA8260B	1.0
trans-1,2-Dichloroethylene	µg/L	EPA8260B	1.0/200
Dichloromethane	µg/L	EPA8260B	5.0/1,000
2,4-Dichlorophenol	µg/L	EPA8270C	9.9/10.0
2,6-Dichlorophenol	µg/L	EPA8270C	9.9/10.0
2,4-Dichlorophenoxyacetic acid	µg/L	EPA8151A	0.1
1,2-Dichloropropane	µg/L	EPA8260B	1.0/200
cis-1,3-Dichloropropene	µg/L	EPA8260B	1.0/200
trans-1,3-Dichloropropene	µg/L	EPA8260B	1.0/200
Dieldrin	µg/L	EPA8081A	0.0396/0.2
Diethyl phthalate	µg/L	EPA8270C	9.9/10.0
Dimethoate	µg/L	EPA8270C	9.9/10.0
2,4-Dimethyl phenol	µg/L	EPA8270C	9.9/10.0
Dimethyl phthalate	µg/L	EPA8270C	9.9/10.0
p-Dimethylaminoazobenzene	µg/L	EPA8270C	9.9/10.0
7,12-Dimethylbenz[a]anthracene	µg/L	EPA8270C	9.9/10.0
3,3´-Dimethylbenzidine	µg/L	EPA8270C	19.8/20.0
a,a-Dimethylphenethylamine	µg/L	EPA8270C	9.9/10.0
1,3-Dinitrobenzene	µg/L	EPA8270C	9.9/10.0
2,4-Dinitrophenol	µg/L	EPA8270C	19.8/20.0
2,4-Dinitrotoluene	µg/L	EPA8270C	9.9/10.0
2,6-Dinitrotoluene	µg/L	EPA8270C	9.9/10.0
Di-n-octyl phthalate	µg/L	EPA8270C	9.9/10.0

Analyte	Unit	Method	Minimum/Maximum EQLs
1,4-Dioxane	µg/L	EPA8270C	9.9/10.0
Diphenylamine	µg/L	EPA8270C	9.9/10.0
Disulfoton	µg/L	EPA8270C	9.9/10.0
Endosulfan sulfate	µg/L	EPA8081A	0.0396/0.2
Endosulfan I	µg/L	EPA8081A	0.0198/0.1
Endosulfan II	µg/L	EPA8081A	0.0396/0.2
Endrin	µg/L	EPA8081A	0.0396/0.2
Endrin aldehyde	µg/L	EPA8081A	0.0396/0.2
Ethyl methacrylate	µg/L	EPA8260B	5.0
	µg/L	EPA8270C	9.9/10.0
Ethyl methanesulfonate	µg/L	EPA8270C	9.9/10.0
Ethylbenzene	µg/L	EPA8260B	1.0/200
Famphur	µg/L	EPA8270C	9.9/10.0
Fluoranthene	µg/L	EPA8270C	9.9/10.0
Fluorene	µg/L	EPA8270C	9.9/10.0
Fluoride	µg/L	EPA9056	50.0
Heptachlor	µg/L	EPA8081A	0.0198/0.1
Heptachlor epoxide	µg/L	EPA8081A	0.0198/0.1
Hexachlorobenzene	µg/L	EPA8270C	9.9/10.0
Hexachlorobutadiene	µg/L	EPA8270C	9.9/10.0
Hexachlorocyclopentadiene	µg/L	EPA8270C	9.9/10.0
Hexachloroethane	µg/L	EPA8270C	9.9/10.0
Hexachlorophene	µg/L	EPA8270C	495/500
Hexachloropropene	µg/L	EPA8270C	9.9/10.0
2-Hexanone	µg/L	EPA8260B	5.0
1,2,3,4,6,7,8-HPCDD	µg/L	EPA8280	0.01
1,2,3,4,6,7,8-HPCDF	µg/L	EPA8280	0.01
1,2,3,4,7,8-HXCDD	µg/L	EPA8280	0.01
1,2,3,4,7,8-HXCDF	µg/L	EPA8280	0.01
Indeno[1,2,3-*c,d*]pyrene	µg/L	EPA8270C	9.9/10.0
Iodomethane	µg/L	EPA8260B	10.0
Iron	µg/L	EPA6020	25.0
	µg/L	EPA6010B	50.0
Isobutyl alcohol	µg/L	EPA8260B	50.0
Isodrin	µg/L	EPA8270C	9.9/10.0
Isophorone	µg/L	EPA8270C	9.9/10.0
Isosafrole	µg/L	EPA8270C	9.9/10.0
Kepone	µg/L	EPA8270C	9.9/10.0
Lead	µg/L	EPA6020	2.0/40.0
	µg/L	EPA6010B	5.0
Lindane	µg/L	EPA8081A	0.0198/0.1
Lithium	µg/L	EPA6020	2.0
Magnesium	µg/L	EPA6010B	10.0
	µg/L	EPA6020	10.0
Manganese	µg/L	EPA6010B	10.0
	µg/L	EPA6020	5.0
Mercury	µg/L	EPA7470A	0.2
Methacrylonitrile	µg/L	EPA8260B	5.0
Methapyrilene	µg/L	EPA8270C	9.9/10.0
Methoxychlor	µg/L	EPA8081A	0.198/1.0
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	9.9/10.0
Methyl ethyl ketone	µg/L	EPA8260B	5.0/10.0
Methyl isobutyl ketone	µg/L	EPA8260B	5.0
Methyl methacrylate	µg/L	EPA8260B	5.0
Methyl methanesulfonate	µg/L	EPA8270C	9.9/10.0
3-Methylcholanthrene	µg/L	EPA8270C	9.9/10.0
2-Methylnaphthalene	µg/L	EPA8270C	9.9/10.0
Molybdenum	µg/L	EPA6020	0.5
Naphthalene	µg/L	EPA8270C	9.9/10.0

Analyte	Unit	Method	Minimum/Maximum EQLs
1,4-Naphthoquinone	µg/L	EPA8270C	9.9/10.0
1-Naphthylamine	µg/L	EPA8270C	9.9/10.0
2-Naphthylamine	µg/L	EPA8270C	9.9/10.0
Nickel	µg/L	EPA6020	2.0
	µg/L	EPA6010B	5.0
Nitrate-nitrite as nitrogen	µg/L	EPA353.1	50.0/5,000
m-Nitroaniline	µg/L	EPA8270C	9.9/10.0
o-Nitroaniline	µg/L	EPA8270C	9.9/10.0
p-Nitroaniline	µg/L	EPA8270C	9.9/10.0
Nitrobenzene	µg/L	EPA8270C	9.9/10.0
2-Nitrophenol	µg/L	EPA8270C	9.9/10.0
4-Nitrophenol	µg/L	EPA8270C	9.9/10.0
4-Nitroquinoline-1-oxide	µg/L	EPA8270C	9.9/10.0
N-Nitrosodi-n-butylamine	µg/L	EPA8270C	9.9/10.0
N-Nitrosodiethylamine	µg/L	EPA8270C	9.9/10.0
N-Nitrosodimethylamine	µg/L	EPA8270C	9.9/10.0
N-Nitrosodiphenylamine	µg/L	EPA8270C	9.9/10.0
N-Nitrosodipropylamine	µg/L	EPA8270C	9.9/10.0
N-Nitrosomethylethylamine	µg/L	EPA8270C	9.9/10.0
N-Nitrosomorpholine	µg/L	EPA8270C	9.9/10.0
N-Nitrosopiperidine	µg/L	EPA8270C	9.9/10.0
N-Nitrosopyrrolidine	µg/L	EPA8270C	9.9/10.0
5-Nitro-o-toluidine	µg/L	EPA8270C	9.9/10.0
Octachlorodibenzo-p-dioxin	µg/L	EPA8280	0.01
Octachlorodibenzo-p-furan	µg/L	EPA8280	0.01
Parathion	µg/L	EPA8270C	9.9/10.0
Parathion methyl	µg/L	EPA8270C	9.9/10.0
PCB 1016	µg/L	EPA8082	0.1/0.102
PCB 1221	µg/L	EPA8082	0.1/0.102
PCB 1232	µg/L	EPA8082	0.1/0.102
PCB 1242	µg/L	EPA8082	0.1/0.102
PCB 1248	µg/L	EPA8082	0.1/0.102
PCB 1254	µg/L	EPA8082	0.1/0.102
PCB 1260	µg/L	EPA8082	0.1/0.102
1,2,3,7,8-PCDD	µg/L	EPA8280	0.01
1,2,3,7,8-PCDF	µg/L	EPA8280	0.01
Pentachlorobenzene	µg/L	EPA8270C	9.9/10.0
Pentachloroethane	µg/L	EPA8260B	5.0
	µg/L	EPA8270C	9.9/10.0
Pentachloronitrobenzene	µg/L	EPA8270C	9.9/10.0
Pentachlorophenol	µg/L	EPA8270C	19.8/20.0
pH	pH	EPA9040B	0.1
Phenacetin	µg/L	EPA8270C	9.9/10.0
Phenanthrene	µg/L	EPA8270C	9.9/10.0
Phenol	µg/L	EPA8270C	9.9/10.0
Phenols	µg/L	EPA9066	5.0
p-Phenylenediamine	µg/L	EPA8270C	19.8/20.0
Phorate	µg/L	EPA8270C	9.9/10.0
2-Picoline	µg/L	EPA8270C	9.9/10.0
Potassium	µg/L	EPA6010B	100
	µg/L	EPA6020	300
Pronamid	µg/L	EPA8270C	9.9/10.0
Propionitrile	µg/L	EPA8260B	10.0
Pyrene	µg/L	EPA8270C	9.9/10.0
Pyridine	µg/L	EPA8270C	9.9/10.0
Safrole	µg/L	EPA8270C	9.9/10.0
Selenium	µg/L	EPA6020	3.0/50.0
	µg/L	EPA6010B	5.0

Analyte	Unit	Method	Minimum/Maximum EQLs
Silver	µg/L	EPA6020	1.0
	µg/L	EPA6010B	5.0
Sodium	µg/L	EPA6010B	500
	µg/L	EPA6020	250/5,000
Specific conductance	µS/cm	EPA9050A	1.0
Strontium	µg/L	EPA6020	10.0
Styrene	µg/L	EPA8260B	1.0
Sulfate	µg/L	EPA300.0	200
Sulfide	µg/L	EPA9034	1,000
	µg/L	EPA376.2	1,000
Sulfotepp	µg/L	EPA8270C	9.9/10.0
2,4,5-T	µg/L	EPA8151A	0.1
2,3,7,8-TCDD	µg/L	EPA8280	0.01
2,3,7,8-TCDF	µg/L	EPA8280	0.01
1,2,4,5-Tetrachlorobenzene	µg/L	EPA8270C	9.9/10.0
1,1,1,2-Tetrachloroethane	µg/L	EPA8260B	1.0
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	1.0/200
Tetrachloroethylene	µg/L	EPA8260B	1.0/200
2,3,4,6-Tetrachlorophenol	µg/L	EPA8270C	9.9/10.0
Thallium	µg/L	EPA6020	0.5/10.0
	µg/L	EPA6010B	5.0
Thionazin	µg/L	EPA8270C	9.9/10.0
Tin	µg/L	EPA6020	2.0/5.0
	µg/L	EPA6010B	100
Titanium	µg/L	EPA6020	10.0
Toluene	µg/L	EPA8260B	1.0/200
o-Toluidine	µg/L	EPA8270C	9.9/10.0
Total dissolved solids	µg/L	EPA160.1	10,000
Total organic carbon	µg/L	EPA9060	500
Total organic halogens	µg/L	EPA9020B	10.0/100
Total phosphates (as P)	µg/L	EPA365.4	50.0
Toxaphene	µg/L	EPA8081A	0.99/5.0
2,4,5-TP (Silvex)	µg/L	EPA8151A	0.1
1,2,4-Trichlorobenzene	µg/L	EPA8270C	9.9/10.0
1,1,1-Trichloroethane	µg/L	EPA8260B	1.0/200
1,1,2-Trichloroethane	µg/L	EPA8260B	1.0/200
Trichloroethylene	µg/L	EPA8260B	1.0/200
Trichlorofluoromethane	µg/L	EPA8260B	1.0/1,000
2,4,5-Trichlorophenol	µg/L	EPA8270C	9.9/10.0
2,4,6-Trichlorophenol	µg/L	EPA8270C	9.9/10.0
1,2,3-Trichloropropane	µg/L	EPA8260B	1.0
O,O,O-Triethyl phosphorothioate	µg/L	EPA8270C	9.9/10.0
1,3,5-Trinitrobenzene	µg/L	EPA8270C	9.9/10.0
Uranium	µg/L	EPA6020	2.0
Vanadium	µg/L	EPA6020	10.0
	µg/L	EPA6010B	5.0
Vinyl acetate	µg/L	EPA8260B	5.0
Xylenes	µg/L	EPA8260B	2.0/3.0
Zinc	µg/L	EPA6020	10.0/100
	µg/L	EPA6010B	5.0

Note: The groundwater samples are unfiltered; thus, the methods for metals are for total recoverable metals. Method 6010 is an inductively coupled plasma atomic emission spectroscopy method for metals determination and is published for RCRA determinations.

Table 13. Methods and Estimated Quantitation Limits Used by WA

Analyte	*Unit*	*Method*	*Minimum/Maximum EQLs*
Acenaphthene	µg/L	EPA8270C	10.0/40.0
Acenaphthylene	µg/L	EPA8270C	10.0/40.0
Acetone	µg/L	EPA8260B	10.0/50.0
Acetonitrile	µg/L	EPA8260B	20.0/100
Acetophenone	µg/L	EPA8270C	10.0/40.0
2-Acetylaminofluorene	µg/L	EPA8270C	10.0/40.0
Acrolein	µg/L	EPA8260B	20.0/100
Acrylonitrile	µg/L	EPA8260B	5.0/25.0
Aldrin	µg/L	EPA8081A	0.05/0.1
Alkalinity (as $CaCO_3$)	meq/L	EPA310.1	5,000/53,600
Allyl chloride	µg/L	EPA8260B	10.0/50.0
Aluminum, dissolved	µg/L	EPA6010B	146
Aluminum	µg/L	EPA6010B	146
4-Aminobiphenyl	µg/L	EPA8270C	10.0/40.0
Aniline	µg/L	EPA8270C	10.0/40.0
Anthracene	µg/L	EPA8270C	10.0/40.0
Antimony	µg/L	EPA6010B	27.0
Aramite	µg/L	EPA8270C	20.0/80.0
Arsenic, dissolved	µg/L	EPA6010B	40.0
Arsenic	µg/L	EPA6010B	40.0
Barium, dissolved	µg/L	EPA6010B	1.8
Barium	µg/L	EPA6010B	1.8
Benzene	µg/L	EPA8260B	5.0/25.0
alpha-Benzene hexachloride	µg/L	EPA8081A	0.05/0.1
beta-Benzene hexachloride	µg/L	EPA8081A	0.05/0.1
delta-Benzene hexachloride	µg/L	EPA8081A	0.05/0.1
Benzo[a]anthracene	µg/L	EPA8270C	10.0/40.0
Benzo[b]fluoranthene	µg/L	EPA8270C	10.0/40.0
Benzo[k]fluoranthene	µg/L	EPA8270C	10.0/40.0
Benzoic acid	µg/L	EPA8270C	26.0/104
Benzo[g,h,i]perylene	µg/L	EPA8270C	10.0/40.0
Benzo[a]pyrene	µg/L	EPA8270C	10.0/40.0
Benzyl alcohol	µg/L	EPA8270C	10.0/40.0
Beryllium	µg/L	EPA6010B	1.6
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	10.0/40.0
Bis(2-chloroethyl) ether	µg/L	EPA8270C	10.0/40.0
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	10.0/40.0
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	5.0/40.0
Boron	µg/L	EPA6010B	266
Bromodichloromethane	µg/L	EPA8260B	5.0/25.0
Bromoform	µg/L	EPA8260B	5.0/25.0
Bromomethane	µg/L	EPA8260B	10.0/50.0
4-Bromophenyl phenyl ether	µg/L	EPA8270C	10.0/40.0
Butylbenzyl phthalate	µg/L	EPA8270C	10.0/40.0
2-sec-Butyl-4,6-dinitrophenol	µg/L	EPA8270C	50.0/200
Cadmium, dissolved	µg/L	EPA6010B	4.7
Cadmium	µg/L	EPA6010B	4.7
Calcium	µg/L	EPA6010B	471
Carbon disulfide	µg/L	EPA8260B	5.0/25.0
Carbon tetrachloride	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0
alpha-Chlordane	µg/L	EPA8081A	0.0505/0.114
gamma-Chlordane	µg/L	EPA8081A	0.0505/0.114
Chloride	µg/L	EPA9056	210/420
4-Chloroaniline	µg/L	EPA8270C	10.0/40.0

Analyte	Unit	Method	Minimum/Maximum EQLs
Chlorobenzene	µg/L	EPA8260B	5.0/25.0
Chlorobenzilate	µg/L	EPA8270C	10.0/40.0
4-Chloro-m-cresol	µg/L	EPA8270C	10.0/40.0
Chloroethane	µg/L	EPA8260B	10.0/50.0
Chloroethene	µg/L	EPA8260B	10.0/50.0
2-Chloroethyl vinyl ether	µg/L	EPA8260B	10.0/20.0
Chloroform	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0
Chloromethane	µg/L	EPA8260B	10.0/50.0
2-Chloronaphthalene	µg/L	EPA8270C	10.0/40.0
2-Chlorophenol	µg/L	EPA8270C	10.0/40.0
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	10.0/40.0
Chloroprene	µg/L	EPA8260B	5.0/25.0
Chromium, dissolved	µg/L	EPA6010B	7.0
Chromium	µg/L	EPA6010B	7.0
Chrysene	µg/L	EPA8270C	10.0/40.0
Cobalt	µg/L	EPA6010B	4.5
Copper	µg/L	EPA6010B	15.0
m-Cresol	µg/L	EPA8270C	10.0/44.0
o-Cresol	µg/L	EPA8270C	10.0/40.0
p-Cresol	µg/L	EPA8270C	10.0/40.0
Cyanide	µg/L	EPA9014	15.2
	µg/L	EPA9010B	50.0
p,p´-DDD	µg/L	EPA8081A	0.1/0.2
p,p´-DDE	µg/L	EPA8081A	0.1/0.2
p,p´-DDT	µg/L	EPA8081A	0.1/0.2
Diallate	µg/L	EPA8270C	10.0/40.0
Dibenz[a,h]anthracene	µg/L	EPA8270C	10.0/40.0
Dibenzofuran	µg/L	EPA8270C	10.0/40.0
Dibromochloromethane	µg/L	EPA8260B	5.0/25.0
1,2-Dibromo-3-chloropropane	µg/L	EPA8260B	5.0/25.0
1,2-Dibromoethane	µg/L	EPA8260B	5.0/25.0
Dibromomethane	µg/L	EPA8260B	5.0/25.0
Di-n-butyl phthalate	µg/L	EPA8270C	10.0/40.0
1,2-Dichlorobenzene	µg/L	EPA8270C	10.0/40.0
1,3-Dichlorobenzene	µg/L	EPA8270C	10.0/40.0
1,4-Dichlorobenzene	µg/L	EPA8270C	10.0/40.0
	µg/L	EPA8260B	5.0
3,3´-Dichlorobenzidine	µg/L	EPA8270C	20.0/80.0
trans-1,4-Dichloro-2-butene	µg/L	EPA8260B	20.0/100
Dichlorodifluoromethane	µg/L	EPA8260B	10.0/50.0
1,1-Dichloroethane	µg/L	EPA8260B	5.0/25.0
1,2-Dichloroethane	µg/L	EPA8260B	5.0/25.0
1,1-Dichloroethylene	µg/L	EPA8260B	5.0/25.0
1,2-Dichloroethylene	µg/L	EPA8260B	5.0/25.0
cis-1,2-Dichloroethylene	µg/L	EPA8021B	1.0
	µg/L	EPA8260B	5.0/25.0
trans-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/10.0
Dichloromethane	µg/L	EPA8260B	5.0/25.0
2,4-Dichlorophenol	µg/L	EPA8270C	10.0/40.0
2,6-Dichlorophenol	µg/L	EPA8270C	10.0/40.0
2,4-Dichlorophenoxyacetic acid	µg/L	EPA8151A	1.0/2.44
1,2-Dichloropropane	µg/L	EPA8260B	5.0/25.0
cis-1,3-Dichloropropene	µg/L	EPA8260B	5.0/25.0
trans-1,3-Dichloropropene	µg/L	EPA8260B	5.0/25.0
Dieldrin	µg/L	EPA8081A	0.1/0.2
Diethyl phthalate	µg/L	EPA8270C	10.0/40.0
Dimethoate	µg/L	EPA8141A	0.5/1.08
2,4-Dimethyl phenol	µg/L	EPA8270C	10.0/40.0

Analyte	Unit	Method	Minimum/Maximum EQLs
Dimethyl phthalate	µg/L	EPA8270C	10.0/40.0
p-Dimethylaminoazobenzene	µg/L	EPA8270C	10.0/40.0
7,12-Dimethylbenz[a]anthracene	µg/L	EPA8270C	10.0/40.0
3,3´-Dimethylbenzidine	µg/L	EPA8270C	10.0/40.0
a,a-Dimethylphenethylamine	µg/L	EPA8270C	10.0/40.0
1,3-Dinitrobenzene	µg/L	EPA8270C	10.0/40.0
2,4-Dinitrophenol	µg/L	EPA8270C	26.0/104
2,4-Dinitrotoluene	µg/L	EPA8270C	10.0/40.0
2,6-Dinitrotoluene	µg/L	EPA8270C	10.0/40.0
Di-n-octyl phthalate	µg/L	EPA8270C	10.0/40.0
1,4-Dioxane	µg/L	EPA8270C	10.0/100
Diphenylamine	µg/L	EPA8270C	10.0/40.0
Disulfoton	µg/L	EPA8141A	0.5/1.08
Endosulfan sulfate	µg/L	EPA8081A	0.1/0.2
Endosulfan I	µg/L	EPA8081A	0.05/0.1
Endosulfan II	µg/L	EPA8081A	0.1/0.2
Endrin	µg/L	EPA8081A	0.1/0.2
Endrin aldehyde	µg/L	EPA8081A	0.1/0.2
Endrin ketone	µg/L	EPA8081A	0.1/0.101
Ethyl methacrylate	µg/L	EPA8270C	10.0/40.0
Ethyl methanesulfonate	µg/L	EPA8270C	10.0/40.0
Ethylbenzene	µg/L	EPA8260B	5.0/25.0
Famphur	µg/L	EPA8141A	1.2/2.6
Fluoranthene	µg/L	EPA8270C	10.0/40.0
Fluorene	µg/L	EPA8270C	10.0/40.0
Fluoride	µg/L	EPA340.2	40.0
Heptachlor	µg/L	EPA8081A	0.05/0.1
Heptachlor epoxide	µg/L	EPA8081A	0.05/0.1
Hexachlorobenzene	µg/L	EPA8270C	10.0/40.0
Hexachlorobutadiene	µg/L	EPA8270C	10.0/40.0
Hexachlorocyclopentadiene	µg/L	EPA8270C	10.0/40.0
Hexachlorodibenzo-p-dioxins	ng/L	EPA8280A	1.5
Hexachlorodibenzo-p-furans	ng/L	EPA8280A	1.6
Hexachloroethane	µg/L	EPA8270C	10.0/40.0
Hexachlorophene	µg/L	EPA8270C	250/1,000
Hexachloropropene	µg/L	EPA8270C	10.0/40.0
2-Hexanone	µg/L	EPA8260B	10.0/50.0
Indeno[1,2,3-c,d]pyrene	µg/L	EPA8270C	10.0/40.0
Iodomethane	µg/L	EPA8260B	5.0/25.0
Iron, dissolved	µg/L	EPA6010B	74.0
Iron	µg/L	EPA6010B	74.0
Isobutyl alcohol	µg/L	EPA8260B	100/500
Isodrin	µg/L	EPA8081A	0.1/0.227
Isophorone	µg/L	EPA8270C	10.0/40.0
Isosafrole	µg/L	EPA8270C	10.0/40.0
Kepone	µg/L	EPA8081A	0.5/1.14
Lead, dissolved	µg/L	EPA6010B	47.0
Lead	µg/L	EPA6010B	47.0
Lindane	µg/L	EPA8081A	0.05/0.1
Lithium	µg/L	EPA6010B	2.7
Magnesium	µg/L	EPA6010B	74.0
Manganese	µg/L	EPA6010B	7.8
Mercury, dissolved	µg/L	EPA7470A	0.7
	µg/L	EPA6010B	0.7
Mercury, TCLP	µg/L	EPA7470A	0.7
Mercury	µg/L	EPA7470A	0.7
Methacrylonitrile	µg/L	EPA8260B	10.0/50.0
Methapyrilene	µg/L	EPA8270C	10.0/40.0
Methoxychlor	µg/L	EPA8081A	0.5/1.0

Analyte	Unit	Method	Minimum/Maximum EQLs
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	26.0/104
Methyl ethyl ketone	µg/L	EPA8260B	10.0/50.0
Methyl isobutyl ketone	µg/L	EPA8260B	10.0/50.0
Methyl methacrylate	µg/L	EPA8270C	10.0/40.0
Methyl methanesulfonate	µg/L	EPA8270C	10.0/40.0
3-Methylcholanthrene	µg/L	EPA8270C	10.0/40.0
2-Methylnaphthalene	µg/L	EPA8270C	10.0/40.0
Naphthalene	µg/L	EPA8270C	10.0/40.0
1,4-Naphthoquinone	µg/L	EPA8270C	10.0/40.0
1-Naphthylamine	µg/L	EPA8270C	10.0/40.0
2-Naphthylamine	µg/L	EPA8270C	10.0/40.0
Nickel	µg/L	EPA6010B	26.0
Nitrate as nitrogen	µg/L	EPA353.2	20.0/2,000
Nitrate-nitrite as nitrogen	µg/L	EPA353.2	20.0/10,000
m-Nitroaniline	µg/L	EPA8270C	26.0/104
o-Nitroaniline	µg/L	EPA8270C	26.0/104
p-Nitroaniline	µg/L	EPA8270C	26.0/104
Nitrobenzene	µg/L	EPA8270C	10.0/40.0
2-Nitrophenol	µg/L	EPA8270C	10.0/40.0
4-Nitrophenol	µg/L	EPA8270C	26.0/104
4-Nitroquinoline-1-oxide	µg/L	EPA8270C	20.0/80.0
N-Nitrosodi-n-butylamine	µg/L	EPA8270C	10.0/40.0
N-Nitrosodiethylamine	µg/L	EPA8270C	10.0/40.0
N-Nitrosodimethylamine	µg/L	EPA8270C	10.0/40.0
N-Nitrosodiphenylamine	µg/L	EPA8270C	10.0/40.0
N-Nitrosodipropylamine	µg/L	EPA8270C	10.0/40.0
N-Nitrosomethylethylamine	µg/L	EPA8270C	10.0/40.0
N-Nitrosomorpholine	µg/L	EPA8270C	10.0/40.0
N-Nitrosopiperidine	µg/L	EPA8270C	50.0/200
N-Nitrosopyrrolidine	µg/L	EPA8270C	10.0/40.0
5-Nitro-o-toluidine	µg/L	EPA8270C	10.0/40.0
Parathion ethyl	µg/L	EPA8141A	0.5/1.08
Parathion methyl	µg/L	EPA8141A	0.5/1.08
PCB 1016	µg/L	EPA8082	1.0/1.11
PCB 1221	µg/L	EPA8082	2.0/2.22
PCB 1232	µg/L	EPA8082	1.0/1.11
PCB 1242	µg/L	EPA8082	1.0/1.11
PCB 1248	µg/L	EPA8082	1.0/1.11
PCB 1254	µg/L	EPA8082	1.0/1.11
PCB 1260	µg/L	EPA8082	1.0/1.11
Pentachlorobenzene	µg/L	EPA8270C	10.0/40.0
Pentachlorodibenzo-p-dioxins	ng/L	EPA8280A	2.2
	ng/L	EPA8280A	1.7
Pentachloroethane	µg/L	EPA8270C	10.0/40.0
Pentachloronitrobenzene	µg/L	EPA8270C	50.0/200
Pentachlorophenol	µg/L	EPA8270C	26.0/104
pH	pH	EPA9040B	0.1
Phenacetin	µg/L	EPA8270C	10.0/40.0
Phenanthrene	µg/L	EPA8270C	10.0/40.0
Phenol	µg/L	EPA8270C	10.0/40.0
Phenols	µg/L	EPA9066	37.0
p-Phenylenediamine	µg/L	EPA8270C	10.0/40.0
Phorate	µg/L	EPA8141A	0.5/1.08
2-Picoline	µg/L	EPA8270C	10.0/40.0
Potassium	µg/L	EPA6010B	187
Pronamid	µg/L	EPA8270C	10.0/40.0
Propionitrile	µg/L	EPA8260B	50.0/250
Pyrene	µg/L	EPA8270C	10.0/40.0

Analyte	Unit	Method	Minimum/Maximum EQLs
Pyridine	µg/L	EPA8270C	10.0/40.0
Safrole	µg/L	EPA8270C	10.0/40.0
Selenium, dissolved	µg/L	EPA6010B	66.0
Selenium	µg/L	EPA6010B	66.0
Silica	µg/L	EPA6010B	1,350/1,480
Silver, dissolved	µg/L	EPA6010B	5.0
Silver	µg/L	EPA6010B	5.0
Sodium	µg/L	EPA6010B	285
Specific conductance	µS/cm	EPA9050A	8.9
Styrene	µg/L	EPA8260B	5.0/25.0
Sulfate	µg/L	EPA9056	340/17,000
Sulfide	µg/L	EPA9034	10,000/20,000
Sulfotepp	µg/L	EPA8141A	0.5/1.08
2,4,5-T	µg/L	EPA8151A	0.5/1.22
2,3,7,8-TCDD	ng/L	EPA8280A	1.2
1,2,4,5-Tetrachlorobenzene	µg/L	EPA8270C	10.0/40.0
Tetrachlorodibenzo-p-dioxins	ng/L	EPA8280A	1.2
Tetrachlorodibenzo-p-furans	ng/L	EPA8280A	1.1
	µg/L	EPA8280A	1.1
1,1,1,2-Tetrachloroethane	µg/L	EPA8260B	5.0/25.0
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	5.0/25.0
Tetrachloroethylene	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0/5.0
2,3,4,6-Tetrachlorophenol	µg/L	EPA8270C	10.0/40.0
Thallium	µg/L	EPA6010B	55.0
Thionazin	µg/L	EPA8141A	0.5/1.08
Tin	µg/L	EPA6010B	70.0
Toluene	µg/L	EPA8260B	5.0/25.0
o-Toluidine	µg/L	EPA8270C	10.0/40.0
Total dissolved solids	µg/L	EPA160.1	50,000/100,000
Total organic carbon	µg/L	EPA9060	1,000/5,000
Total organic halogens	µg/L	EPA9020B	120/600
Total phosphates (as P)	µg/L	EPA365.2	67.0/268
Toxaphene	µg/L	EPA8081A	5.0/10.0
2,4,5-TP (Silvex)	µg/L	EPA8151A	0.5/1.22
1,2,4-Trichlorobenzene	µg/L	EPA8270C	10.0/40.0
1,1,1-Trichloroethane	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0
1,1,2-Trichloroethane	µg/L	EPA8260B	5.0/25.0
Trichloroethylene	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0
Trichlorofluoromethane	µg/L	EPA8260B	5.0/25.0
2,4,5-Trichlorophenol	µg/L	EPA8270C	26.0/104
2,4,6-Trichlorophenol	µg/L	EPA8270C	10.0/40.0
1,2,3-Trichloropropane	µg/L	EPA8260B	5.0/25.0
O,O,O-Triethyl phosphorothioate	µg/L	EPA8141A	0.5/1.08
1,3,5-Trinitrobenzene	µg/L	EPA8270C	10.0/40.0
Vanadium	µg/L	EPA6010B	6.9
Vinyl acetate	µg/L	EPA8260B	10.0/50.0
Xylenes	µg/L	EPA8260B	5.0/25.0
Zinc	µg/L	EPA6010B	53.0

Note: The groundwater samples are unfiltered; thus, the methods for metals are for total recoverable metals. Method 200.7 is an inductively coupled plasma atomic emission spectroscopy method for metals determination and is published for Safe Drinking Water Act investigations.

Table 14. Methods and Estimated Quantitation Limits Used by ML

Analyte	*Unit*	*Method*	*Minimum/Maximum EQLs*
Acenaphthene	µg/L	EPA8270C	2.0/2.12
Acenaphthylene	µg/L	EPA8270C	2.0/2.12
Acetone	µg/L	EPA8260B	10.0/2,000
Aldrin	µg/L	EPA8081A	0.05/0.0529
Aluminum	µg/L	EPA6010B	40.0
Anthracene	µg/L	EPA8270C	2.0/2.12
Antimony	µg/L	EPA6010B	20.0
Arsenic	µg/L	EPA6010B	20.0
Barium	µg/L	EPA6010B	15.0
Benzene	µg/L	EPA8260B	1.0/200
alpha-Benzene hexachloride	µg/L	EPA8081A	0.05/0.0529
beta-Benzene hexachloride	µg/L	EPA8081A	0.05/0.0529
delta-Benzene hexachloride	µg/L	EPA8081A	0.05/0.0529
Benzo[a]anthracene	µg/L	EPA8270C	2.0/2.12
Benzo[b]fluoranthene	µg/L	EPA8270C	2.0/2.12
Benzo[k]fluoranthene	µg/L	EPA8270C	2.0/2.12
Benzoic acid	µg/L	EPA8270C	10.0/10.6
Benzo[g,h,i]perylene	µg/L	EPA8270C	2.0/2.12
Benzo[a]pyrene	µg/L	EPA8270C	2.0/2.12
Benzyl alcohol	µg/L	EPA8270C	2.0/2.12
Beryllium	µg/L	EPA6010B	5.0
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	2.0/2.12
Bis(2-chloroethyl) ether	µg/L	EPA8270C	1.8/1.9
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	2.0/2.12
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	5.0/5.29
Bromodichloromethane	µg/L	EPA8260B	1.0/200
Bromoform	µg/L	EPA8260B	1.0/200
Bromomethane	µg/L	EPA8260B	1.0/200
4-Bromophenyl phenyl ether	µg/L	EPA8270C	2.0/2.12
Butylbenzyl phthalate	µg/L	EPA8270C	2.0/2.12
Cadmium	µg/L	EPA6010B	25.0
Calcium	µg/L	EPA6010B	120
Carbon disulfide	µg/L	EPA8260B	5.0/1,000
Carbon tetrachloride	µg/L	EPA8260B	1.0/200
alpha-Chlordane	µg/L	EPA8081A	0.05/0.0529
gamma-Chlordane	µg/L	EPA8081A	0.05/0.0529
4-Chloroaniline	µg/L	EPA8270C	10.0/10.6
Chlorobenzene	µg/L	EPA8260B	1.0/200
4-Chloro-m-cresol	µg/L	EPA8270C	5.0/5.29
Chloroethane	µg/L	EPA8260B	1.0/200
Chloroethene	µg/L	EPA8260B	1.0/200
Chloroform	µg/L	EPA8260B	1.0/200
Chloromethane	µg/L	EPA8260B	1.0/200
2-Chloronaphthalene	µg/L	EPA8270C	2.0/2.12
2-Chlorophenol	µg/L	EPA8270C	5.0/5.29
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	2.0/2.12
Chromium	µg/L	EPA6010B	30.0
Chrysene	µg/L	EPA8270C	2.0/2.12
Cobalt	µg/L	EPA6010B	20.0
Copper	µg/L	EPA6010B	60.0
o-Cresol	µg/L	EPA8270C	5.0/5.29
p-Cresol	µg/L	EPA8270C	5.0/5.29
Cyanide	µg/L	EPA9014	20.0
p,p´-DDD	µg/L	EPA8081A	0.05/0.0529
p,p´-DDE	µg/L	EPA8081A	0.05/0.0529
p,p´-DDT	µg/L	EPA8081A	0.05/0.0529

Analyte	Unit	Method	Minimum/Maximum EQLs
Dibenz[*a,h*]anthracene	µg/L	EPA8270C	2.0/2.12
Dibenzofuran	µg/L	EPA8270C	2.0/2.12
Dibromochloromethane	µg/L	EPA8260B	1.0/200
Di-n-butyl phthalate	µg/L	EPA8270C	2.0/2.12
1,2-Dichlorobenzene	µg/L	EPA8270C	2.0/2.12
1,3-Dichlorobenzene	µg/L	EPA8270C	2.0/2.12
1,4-Dichlorobenzene	µg/L	EPA8270C	2.0/2.12
3,3´-Dichlorobenzidine	µg/L	EPA8270C	20.0/21.2
1,1-Dichloroethane	µg/L	EPA8260B	1.0/200
1,2-Dichloroethane	µg/L	EPA8260B	1.0/200
1,1-Dichloroethylene	µg/L	EPA8260B	1.0/200
1,2-Dichloroethylene	µg/L	EPA8260B	1.0/200
Dichloromethane	µg/L	EPA8260B	10.0/2,000
2,4-Dichlorophenol	µg/L	EPA8270C	5.0/5.29
1,2-Dichloropropane	µg/L	EPA8260B	1.0/200
cis-1,3-Dichloropropene	µg/L	EPA8260B	1.0/200
trans-1,3-Dichloropropene	µg/L	EPA8260B	1.0/200
Dieldrin	µg/L	EPA8081A	0.05/0.0529
Diethyl phthalate	µg/L	EPA8270C	2.0/2.12
2,4-Dimethyl phenol	µg/L	EPA8270C	5.0/5.29
Dimethyl phthalate	µg/L	EPA8270C	2.0/2.12
2,4-Dinitrophenol	µg/L	EPA8270C	10.0/10.6
2,4-Dinitrotoluene	µg/L	EPA8270C	2.0/2.12
2,6-Dinitrotoluene	µg/L	EPA8270C	2.0/2.12
Di-n-octyl phthalate	µg/L	EPA8270C	2.0/2.12
Endosulfan sulfate	µg/L	EPA8081A	0.05/0.0529
Endosulfan I	µg/L	EPA8081A	0.05/0.0529
Endosulfan II	µg/L	EPA8081A	0.05/0.0529
Endrin	µg/L	EPA8081A	0.05/0.0529
Endrin ketone	µg/L	EPA8081A	0.05/0.0529
Ethylbenzene	µg/L	EPA8260B	1.0/200
Fluoranthene	µg/L	EPA8270C	2.0/2.12
Fluorene	µg/L	EPA8270C	2.0/2.12
Gross alpha	µCi/mL	EPIA-001B	6.67E-09/1.69E-08
Heptachlor	µg/L	EPA8081A	0.05/0.0529
Heptachlor epoxide	µg/L	EPA8081A	0.05/0.0529
Hexachlorobenzene	µg/L	EPA8270C	2.0/2.12
Hexachlorobutadiene	µg/L	EPA8270C	2.0/2.12
Hexachlorocyclopentadiene	µg/L	EPA8270C	2.0/2.12
Hexachloroethane	µg/L	EPA8270C	2.0/2.12
2-Hexanone	µg/L	EPA8260B	5.0/1,000
Indeno[1,2,3-*c,d*]pyrene	µg/L	EPA8270C	2.0/2.12
Iron	µg/L	EPA6010B	40.0
Isophorone	µg/L	EPA8270C	2.0/2.12
Lead	µg/L	EPA6010B	20.0
Lindane	µg/L	EPA8081A	0.05/0.0529
Magnesium	µg/L	EPA6010B	185
Manganese	µg/L	EPA6010B	10.0
Mercury	µg/L	EPA7470A	0.2
Methoxychlor	µg/L	EPA8081A	0.05/0.0529
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	10.0/10.6
Methyl ethyl ketone	µg/L	EPA8260B	5.0/1,000
Methyl isobutyl ketone	µg/L	EPA8260B	5.0/1,000
2-Methylnaphthalene	µg/L	EPA8270C	2.0/2.12
Naphthalene	µg/L	EPA8270C	2.0/2.12
Nickel	µg/L	EPA6010B	60.0
m-Nitroaniline	µg/L	EPA8270C	5.0/5.29
o-Nitroaniline	µg/L	EPA8270C	5.0/5.29
p-Nitroaniline	µg/L	EPA8270C	24.0/25.4

Analyte	Unit	Method	Minimum/Maximum EQLs
Nitrobenzene	µg/L	EPA8270C	2.0/2.12
2-Nitrophenol	µg/L	EPA8270C	5.0/5.29
4-Nitrophenol	µg/L	EPA8270C	10.0/10.6
N-Nitrosodiphenylamine	µg/L	EPA8270C	2.0/2.12
N-Nitrosodipropylamine	µg/L	EPA8270C	5.0/5.29
Nonvolatile beta	µCi/mL	EPIA-001B	7.21E-09/1.69E-08
PCB 1016	µg/L	EPA8082	1.0/1.06
PCB 1221	µg/L	EPA8082	1.0/1.06
PCB 1232	µg/L	EPA8082	1.0/1.06
PCB 1242	µg/L	EPA8082	1.0/1.06
PCB 1248	µg/L	EPA8082	1.0/1.06
PCB 1254	µg/L	EPA8082	1.0/1.06
PCB 1260	µg/L	EPA8082	1.0/1.06
Pentachlorophenol	µg/L	EPA8270C	10.0/10.6
Phenanthrene	µg/L	EPA8270C	2.0/2.12
Phenol	µg/L	EPA8270C	5.0/5.29
Potassium	µg/L	EPA6010B	1,870
Pyrene	µg/L	EPA8270C	2.0/2.12
Selenium	µg/L	EPA6010B	40.0
Silver	µg/L	EPA6010B	50.0
Sodium	µg/L	EPA6010B	675
Styrene	µg/L	EPA8260B	1.0/200
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	1.0/200
Tetrachloroethylene	µg/L	EPA8260B	1.0/200
Thallium	µg/L	EPA6010B	20.0
Toluene	µg/L	EPA8260B	1.0/200
Toxaphene	µg/L	EPA8081A	2.5/2.65
1,2,4-Trichlorobenzene	µg/L	EPA8270C	1.35/1.43
1,1,1-Trichloroethane	µg/L	EPA8260B	1.0/200
1,1,2-Trichloroethane	µg/L	EPA8260B	1.0/200
Trichloroethylene	µg/L	EPA8260B	1.0/200
2,4,5-Trichlorophenol	µg/L	EPA8270C	5.0/5.29
2,4,6-Trichlorophenol	µg/L	EPA8270C	5.0/5.29
Tritium	µCi/mL	EPIA-002	8.51E-07/8.62E-07
Vanadium	µg/L	EPA6010B	30.0
Vinyl acetate	µg/L	EPA8260B	5.0/1,000
Xylenes	µg/L	EPA8260B	1.0/200
Zinc	µg/L	EPA6010B	30.0

Table 15. Methods and Estimated Quantitation Limits Used by GP

Analyte	Unit	Method	Minimum/Maximum EQLs
Actinium-228	µCi/mL	EPIA-013	8.56E-09/2.76E-08
Americium-241	µCi/mL	EPIA-011	1.15E-11/8.43E-10
Antimony-125	µCi/mL	EPIA-013	5.11E-09/1.74E-08
Carbon-14	µCi/mL	EPIA-003	6.77E-09/1.55E-08
Cerium-144	µCi/mL	EPIA-013	1.26E-08/3.67E-08
Cesium-134	µCi/mL	EPIA-013	1.78E-09/6.8E-09
Cesium-137	µCi/mL	EPIA-013	2.115E-09/7.5E-09
Cobalt-57	µCi/mL	EPIA-013	1.6E-09/4.75E-09
Cobalt-60	µCi/mL	EPIA-013	2.17E-09/6.85E-09
Curium-242	µCi/mL	EPIA-011	1.17E-11/6.22E-10
Curium-243/244	µCi/mL	EPIA-011	1.15E-11/1.03E-09
Curium-245/246	µCi/mL	EPIA-011	6.54E-12/5.08E-10

Analyte	Unit	Method	Minimum/Maximum EQLs
Europium-152	µCi/mL	EPIA-013	5.34E-09/1.88E-08
Europium-154	µCi/mL	EPIA-013	4.85E-09/1.82E-08
Europium-155	µCi/mL	EPIA-013	5.89E-09/1.98E-08
Gross alpha	µCi/mL	EPIA-001	3.21E-10/7.29E-09
Iodine-129	µCi/mL	EPIA-006	4.34E-10/3.78E-09
Lead-212	µCi/mL	EPIA-013	3.43E-09/1.3E-08
Manganese-54	µCi/mL	EPIA-013	1.81E-09/6.27E-09
Neptunium-237	µCi/mL	EPIA-032	3.62E-11/6.13E-10
Nickel-63	µCi/mL	EPIA-022	7.97E-09/1.11E-07
Nonvolatile beta	µCi/mL	EPIA-001	7.91E-10/8.54E-09
Plutonium-238	µCi/mL	EPIA-011	2.21E-11/1.39E-09
Plutonium-239/240	µCi/mL	EPIA-011	1.01E-11/5.78E-10
Potassium-40	µCi/mL	EPIA-013	2.02E-08/7.74E-08
Promethium-144	µCi/mL	EPIA-013	1.94E-09/6.87E-09
Promethium-146	µCi/mL	EPIA-013	2.519E-09/7.8E-09
Radium, total alpha-emitting	µCi/mL	EPIA-010	4.56E-10/6.76E-10
Radium-226	µCi/mL	EPIA-008	1.79E-10/1.1E-09
Radium-228	µCi/mL	EPIA-009	5.04E-10/1.43E-09
Ruthenium-106	µCi/mL	EPIA-013	1.54E-08/6.21E-08
Sodium-22	µCi/mL	EPIA-013	1.74E-09/6.46E-09
Strontium-89/90	µCi/mL	EPIA-004	1.11E-09/2.93E-09
Strontium-90	µCi/mL	EPIA-004	5.01E-10/2.09E-09
Technetium-99	µCi/mL	EPIA-005	4.1E-09/3.41193E-08
Thorium-228	µCi/mL	EPIA-012	6.69E-11/1.02E-09
Thorium-230	µCi/mL	EPIA-012	2.19E-11/5.6E-10
Thorium-232	µCi/mL	EPIA-012	1.33E-11/4.19E-10
Thorium-234	µCi/mL	EPIA-013	1.72E-07/2.29E-07
Tritium	µCi/mL	EPIA-002	5.05E-07/2.99E-05
	µCi/mL	EPA906.0	7.4054E-07/7.5188E-07
Uranium-233/234	µCi/mL	EPIA-011	2.02E-11/7.02E-10
Uranium-235	µCi/mL	EPIA-011	2.62E-11/4.59E-10
Uranium-238	µCi/mL	EPIA-011	3.1E-11/6.03E-10
Yttrium-88	µCi/mL	EPIA-013	1.93E-09/8.1E-09
Zinc-65	µCi/mL	EPIA-013	3.52E-09/1.51E-08

Table 16. Methods and Estimated Quantitation Limits Used by TM

Analyte	Unit	Method	Minimum/Maximum EQLs
Actinium-228	µCi/mL	EPA901.1MOD	2.228E-08/3.721E-08
Antimony-124	µCi/mL	EPA901.1MOD	6.09E-09/1.037E-08
Antimony-125	µCi/mL	EPA901.1MOD	1.439E-08/2.579E-08
Barium-133	µCi/mL	EPA901.1MOD	6.73E-09/1.254E-08
Cerium-144	µCi/mL	EPA901.1MOD	2.559E-08/5.671E-08
Cesium-134	µCi/mL	EPA901.1MOD	5.31E-09/9.43E-09
Cesium-137	µCi/mL	EPA901.1MOD	5.92E-09/9.57E-09
Cobalt-57	µCi/mL	EPA901.1MOD	3.07E-09/6.82E-09
Cobalt-58	µCi/mL	EPA901.1MOD	5.96E-09/9.64E-09
Cobalt-60	µCi/mL	EPA901.1MOD	6.03E-09/1.03E-08
Europium-152	µCi/mL	EPA901.1MOD	3.898E-08/7.285E-08
Europium-154	µCi/mL	EPA901.1MOD	1.577E-08/2.556E-08
Europium-155	µCi/mL	EPA901.1MOD	8.54E-09/1.949E-08
Gross alpha	µCi/mL	EPA900.0MOD	1.5E-10/9.0E-07
Iodine-129	µCi/mL	EPA902.0MOD	2.39E-09/1.452E-08
Lead-212	µCi/mL	EPA901.1MOD	7.51E-09/1.608E-08

Analyte	*Unit*	*Method*	*Minimum/Maximum EQLs*
Manganese-54	µCi/mL	EPA901.1MOD	5.72E-09/9.91E-09
Neptunium-239	µCi/mL	EPA901.1MOD	1.15E-07/5.982E-07
Nickel-63	µCi/mL	3500NIEMOD	3.33E-09/4.389E-08
Nonvolatile beta	µCi/mL	EPA900.0MOD	9.0E-11/1.33E-06
Potassium-40	µCi/mL	EPA901.1MOD	6.09E-08/1.179E-07
Promethium-144	µCi/mL	EPA901.1MOD	6.19E-09/9.66E-09
Promethium-146	µCi/mL	EPA901.1MOD	1.101E-08/1.885E-08
Radium, total alpha-emitting	µCi/mL	EPA903.0MOD	4.1E-10/8.7E-10
Radium-226	µCi/mL	EPA903.0MOD	1.1E-10/4.9E-10
Radium-228	µCi/mL	EPA904.0MOD	8.3E-10/2.48E-09
Ruthenium-106	µCi/mL	EPA901.1MOD	5.282E-08/9.032E-08
Sodium-22	µCi/mL	EPA901.1MOD	5.62E-09/9.41E-09
Strontium-89	µCi/mL	EMLSR02MOD	9.5E-10/3.92E-09
Strontium-90	µCi/mL	EMLSR02MOD	6.8E-10/2.12E-09
Technetium-99	µCi/mL	EICHROMTC1MOD	1.37E-09/1.481E-08
	µCi/mL	EICHROMTC1M	1.4E-09/1.377E-08
Tin-113	µCi/mL	EPA901.1MOD	6.72E-09/1.18E-08
Tritium	µCi/mL	EPA906.0MOD	4.7E-10/6.158E-05
Uranium	µg/L	ASTMD5174M	0.03
Yttrium-88	µCi/mL	EPA901.1MOD	5.83E-09/1.083E-08
Zinc-65	µCi/mL	EPA901.1MOD	1.285E-08/2.038E-08
Zirconium-95	µCi/mL	EPA901.1MOD	1.077E-08/1.766E-08

NOTES

Quality Control Samples

This section discusses the analytical data in terms of the following indicators of data quality: precision, accuracy, representativeness, comparability, and completeness. Precision is determined from the field and laboratory duplicate or replicate analyses and indicates the consistency of field and laboratory techniques. Accuracy is determined from the quality control standards, laboratory data records reviews, laboratory control samples or blank spikes, surrogates, matrix spikes, and the results of method, field, and trip blanks and indicates the ability of the laboratory to generate correct results. (Equipment blanks are used to evaluate the effectiveness of the cleaning procedures used in the field.) Representativeness is the determination of how well the sample reflects the site's characteristics. Comparability expresses the confidence with which data from different laboratories are considered to be equivalent. Completeness measures the amount of useable data resulting from the data collection activity.

PRECISION

Precision is a measure of the repeatability of a measurement and is evaluated from the results of duplicate samples and splits. Blind replicates, or field replicates, measure the repeatability of the sampling and analytical techniques, and laboratory duplicates measure the ability of the laboratory to reproduce a result. Split samples measure whether two laboratories using comparable procedures obtain equivalent results. Low precision can be caused by poor instrument performance, poor operator technique, inconsistent application of method protocols, laboratory environment, time between analyses, or by a difficult, heterogeneous sample matrix.

Replicate and Duplicate Analyses of Samples

Blind replicate and duplicate samples are analyzed to establish the precision of scheduled analyses. The replicate and duplicate analytical results are used to generate Mean Relative Difference (MRD) indices, which are used to evaluate the laboratories' performances.

The primary laboratories, EX, GE, and WA, performed all analyses with the following exceptions: GP and TM performed radionuclide analyses for GE and WA; and ML performed some on-site volatile organics, semi-volatile organics, and metals analyses.

For intralaboratory comparisons, generally 10% of the samples are analyzed in duplicate. In addition, EPD/EMS sends blind replicates of approximately 5% of the total samples to the laboratories for analysis. The results of the blind replicate analyses are used for both intralaboratory and interlaboratory comparisons.

All fourth quarter 1999 analytical results are included in the **Analytical Results** section (**Appendix B**) of this report. Results from duplicate samples are included in the main table for a given well and sample date. Results from analyses of replicate samples and duplicate analyses of the replicates are reported in a second table for the same well and sample date.

Table 17 lists the well names, sample dates, and associated blanks for wells used as blind replicates for EX, GE, WA, and ML.

Certain analytes were not present in concentrations above estimated quantitation limits in any well samples having replicates or duplicates. These analytes are not considered in further evaluation of replicate and duplicate analyses and are listed in tables 18 and 19. See tables 11–16 for the estimated quantitation limits that are applicable this quarter.

Intralaboratory Comparisons

Intralaboratory comparisons are of two types: in-house duplicates and blind replicates. The MRD was developed by R.C. Tuckfield of the Applied Statistics Group at the Savannah River Technology Center, in conjunction with M.M. Khalil of EPD/EMS, to assess the reproducibility of identical chemical analyses. For both intralaboratory comparisons, the MRD is defined as the average absolute difference between an original sample and its duplicate or blind replicate, expressed as a percentage of the mean of those two values. It is calculated as

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

where

x_i = an analyte's mean concentration in a water sample for the i^{th} well,

y_i = the analyte's mean concentration in the replicate or duplicate, and

n = the number of pairs of observations.

For the in-house duplicate comparisons, the quantities x_i and y_i represent the results for the original sample and the in-house duplicate, respectively. For the blind replicate comparisons, x_i and y_i represent the results for the known sample and the EPD blind replicate, respectively. Generally, the closer the original results and their replicate or duplicate results are to each other, the lower the MRD.

An Adjusted Mean Relative Difference

A drawback to the MRD statistic occurs when x_i and y_i are close to zero. This drawback can be illustrated by determining the relative difference (RD) for the i^{th} well or sample as follows:

$$RD_i = \frac{|x_i - y_i|}{z_i}$$

$$\text{where} \quad z_i = \left(\frac{x_i + y_i}{2} \right)$$

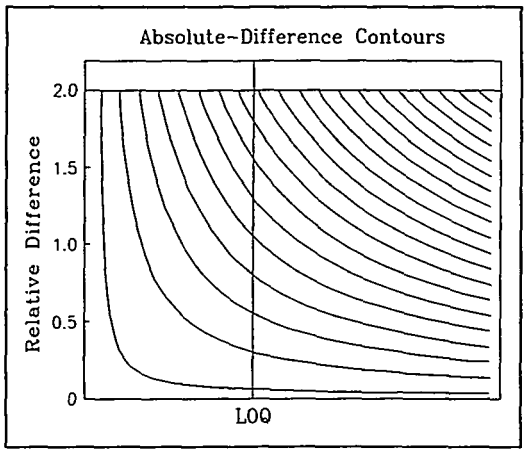


Figure 4. Relative Difference vs. the Mean

The RD_i is an individual term in the MRD calculation for the i^{th} replicated sample. For example, if $x_i = 99$ and $y_i = 101$, then $RD_i = 2\%$. However, if $x_i = 3$ and $y_i = 1$, then $RD_i = 100\%$. Both situations have the same absolute difference, but the latter situation has a much larger relative difference. The effect can be shown by graphing the relative difference vs. the mean (z_i) and marking contours for constant levels of absolute difference

(figure 4). The first contour, in the lower left corner of the figure, represents the smallest absolute difference. The last contour, in the upper right corner of the figure, represents the largest absolute difference.

The inordinate inflation of the MRD when x_i and y_i are near zero is of particular concern when the results are below the limit of quantitation (LOQ). Briefly, the LOQ is defined by L.H. Keith (1991) as 10 times the instrument signal standard deviation (σ) for blank samples. For perspective, the limit of detection is defined as 3σ.

The reproducibility of analytical results less than the LOQ is considered by environmental chemists to be questionable. In this situation, the RD_i may reflect variation more in the measuring device itself than in the measuring process. However, the MRD can be a useful statistic if adjusted so that results below the LOQ have less influence than more reproducible results above the LOQ.

The simplest adjustment to the MRD to reduce the influence of analyte concentrations near zero is to weight each RD_i in the calculation by an amount, w_i, that reflects its proximity to the LOQ value. Figure 5 shows the relationship between w_i and analyte concentration. This relationship is a linear-weight function.

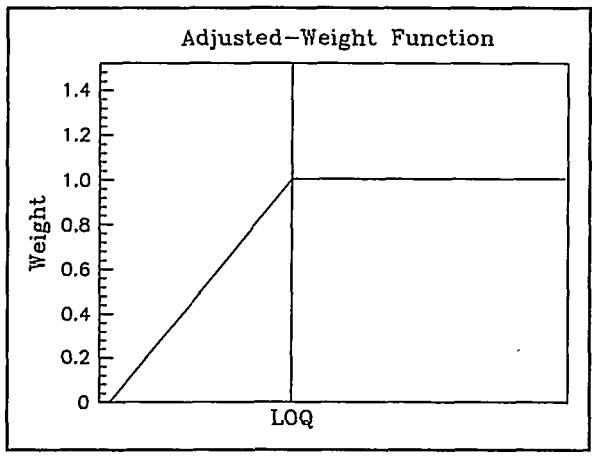


Figure 5. Relationship between w_i and Analyte Concentration

Figure 6 shows the computer simulation results for the effect of a linear-weight function on the now-adjusted MRD (MRDadj), developed by Tuckfield and Khalil, again by determining constant contours of absolute difference. Below the LOQ, all samples with the same absolute difference are given the same adjusted RD value. Above the LOQ, the unadjusted RD is preserved because the weight function is unity when z_i is greater than the LOQ.

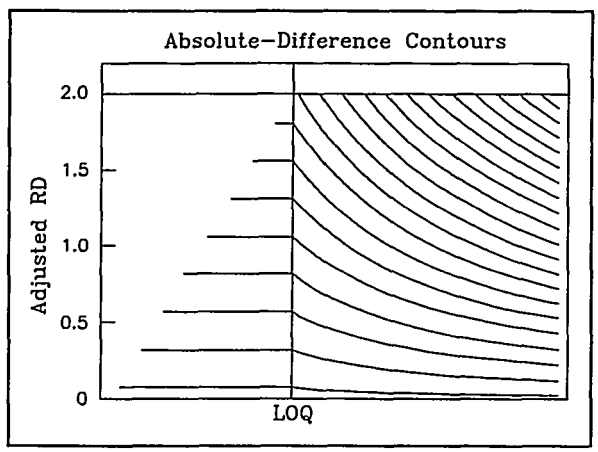


Figure 6. Effect of a Linear-Weight Function on the MRDadj

The MRDadj, then, has the following form:

$$\text{MRDadj} = \frac{\sum_{i=1}^{n} w_i RD_i}{n},$$

$$\text{where } w_i = \begin{cases} \frac{z_i}{\text{LOQ}} & ; \text{if } z_i < \text{LOQ} \\ 1 & ; \text{otherwise.} \end{cases}$$

This adjustment has several advantages. For example, the weight function reflects the chemist's view of the reliability of the measurement. If analyses are conducted on different equipment (i.e., with different LOQs), the precision of the equipment is included automatically in the MRD. Data from more precise equipment are given more influence. Also, no data are removed from the computation completely, so the sample size (n) is not affected.

Normalizing Data to the Reference Detection Limit

Because some detection limits may be anomalously high (because of dilution or other effects, for example), it is necessary to use a reference detection limit (RDL) in the MRD calculations. This is set as the 90th percentile value of the detection limits of the not-detected samples. All the results less than the RDL are adjusted up to that value. Results that are detection limit values above the RDL are eliminated from the MRD index calculations. By definition, fewer than 10% of the detection limit values are above the RDL. The intralaboratory MRD indices are listed in tables 20–26. Table 22 provides the intralaboratory MRD matrix spike indices for GE.

Interlaboratory Comparisons

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

Choosing an RDL

For interlaboratory comparisons, a new RDL must be established for calculation of the MRD. The interlaboratory RDL is chosen as the 90th percentile value from the combined array of non-detected sample results from both laboratories.

Normalizing Data to the RDL

All results less than the RDL are adjusted to the new RDL value. Detection limit values above the RDL are eliminated from the MRD index comparison and from the *t*-tests. By definition, fewer than 10% of the detection limit values are above the RDL. 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 reported by the two laboratories. The MRD and the *t*-test results for analytes with at least one pair of results above the interlaboratory RDL are listed in tables 27–29.

Analytes with significance-of-probability values less than .050 (tables 27–29) indicate a probability of less than 5% that the results for that analyte are the same from both laboratories.

Presentation of the Replicate and Duplicate Analyses

In tables 27–29, high MRDs (greater than or equal to 20) appear in bold type. Low MRDs (less than or equal to .050) appear in bold italic type.

Table 30 lists analytes and wells for which samples and blind replicates analyzed by GE yielded results where one was more than twice another.

Table 31 lists analytes and wells for which samples and blind replicates analyzed by WA yielded results where one was more than twice another.

Table 32 lists analytes and wells for which samples and laboratory duplicates analyzed by WA yielded results where one was more than twice another.

Table 33 lists analytes and wells for which samples and blind replicates analyzed by GP yielded results where one was more than twice another.

Table 34 lists analytes and wells for which samples and laboratory duplicates analyzed by GP yielded results where one was more than twice another.

Table 35 lists analytes and wells for which samples and laboratory duplicates analyzed by TM yielded results where one was more than twice another.

Tables 36–38 list analytes and wells where a result from one laboratory was more than twice the corresponding result from the other laboratory.

See the **Analytical Methods** subsection of the **Analytical Data Review** section of this report for more information.

ACCURACY

Accuracy is defined as the closeness of agreement between an observed value and an accepted reference value or as a measure of the over- or underestimation of reported concentrations. Accuracy is especially important when the concentration of concern approaches the detection limit and/or the action limit. When the concentration is underestimated near the detection limit, the analyte may be present but reported as not detected; near the action limit, the analyte may be at a concentration that would require remediation, but the remediation would not be performed. When the concentration is overestimated near the detection limit, the analyte may not be present but reported as detected; near the action limit, the analyte may not be at a concentration that would require remediation, but the remediation would be performed. Quality control standards, laboratory data records reviews, performance evaluation studies, laboratory control samples, surrogate and matrix spikes, and method blanks are used to evaluate accuracy.

Quality Control Standards

During fourth quarter 1999, EPD/EMS conducted quality assessments of EX, GE, and WA laboratories. Each laboratory received a set of certified environmental quality control standards from Environmental Resource Associates (ERA) of Arvada, CO (lot numbers 440, 592, 3227, 3231, 3431, 8923, 9991, and 9994). Each laboratory's results were compared with the ERA-certified values and performance acceptance limits (PALs). The PALs are listed as guidelines for acceptable analytical results given the limitations of the EPA methods used to determine these parameters. The PALs closely approximate the 95% confidence interval. EX, GE, WA, and ML all returned results for fourth quarter 1999 quality control assessments. The laboratories' results and the certified values and limits are listed in tables 39–42.

EX, GE, and WA analyzed total petroleum hydrocarbons by the infrared method and grease and oil by the gravimetric method. The laboratories were requested to report m-cresol and p-cresol as m/p-cresol and m-xylene and p-xylene as m/p-xylene because current analytical methods do not allow them to separate these analytes reliably. GE did not report pesticides because there was insufficient sample due to a leak around the seal of the pesticide vial.

One hundred and five analyses were requested of each laboratory. Of the 105 analyses reported by EX, 95, or 90.5%, were within the PALs. Of the 93 analyses reported by GE, all 93, or 100%, were within the PALs. Of the 105 analyses reported by WA, 100, or 95.2%, were within the PALs. Of the 53 analyses reported by ML, 51, or 96.2%, were within the PALs.

Performance Evaluation Studies

Over the past several months, EX, GE, and WA participated in several of the EPA's Laboratory Performance Evaluation Water Pollution (WP) and Water Supply (WS) studies. EPA conducts the studies biannually to certify laboratories for specific analyses. EPA's Environmental Monitoring Systems Laboratory (EMSL) of Cincinnati, OH, prepares water samples spiked with known concentrations of constituents found in polluted waters and submits them to all laboratories seeking certification to analyze wastewater. EMSL evaluates the results, using limits statistically based on the performance of approximately 100 top-rated laboratories that analyze each constituent by the same procedure as the laboratory being evaluated.

Table 43 contains results for WS30. In WS30, which was reported in February 1999, the WA results for dichlorodifluoromethane, 1,1-dichloroethylene, hardness (as $CaCO_3$), and pentachlorophenol were outside of acceptance limits.

Table 44 contains results for WS32. In WS32, which was reported in June 1999, the EX results for alkalinity (as $CaCO_3$), fluoride, total dissolved solids, and vinyl chloride were outside of acceptance limits.

Table 45 contains results for WS35. In WS35, which was reported in August 1999, the GE results for 2,4-D, boron, dichlorodifluoromethane, iron, ortho-phosphate (as P), and silver were outside of acceptance limits. The WA results for aluminum, chloride, dichlorodifluoromethane, fluoride, pentachlorophenol, and toxaphene were outside of acceptance limits.

Table 46 contains results for WP48. In WP48, which was reported in March 1999, the WA results for cyanide and specific conductance were outside of acceptance limits.

Table 47 contains results for WP51. In WP51, which was reported in June 1999, the EX results for calcium, calcium hardness (as $CaCO_3$), fluoride, magnesium, total hardness (as $CaCO_3$), and total suspended solids were outside of acceptance limits. The results for alkalinity (as $CaCO_3$) and ammonia (as N) were within the acceptance limits and outside of the warning limits; EX was asked to check for error.

Table 48 contains results for WP53. In WP53, which was reported in August 1999, the GE results for calcium, calcium hardness (as $CaCO_3$), magnesium, and total hardness (as $CaCO_3$) were outside of acceptance limits. The results for aldrin, iron, pH, specific conductance, total phenolics, and total phosphorus (as P) were within the acceptance limits and outside of the warning limits; GE was asked to check for error.

Table 49 contains results for WP54. In WP54, which was reported in October 1999, the WA results for chloride and total suspended solids were outside of acceptance limits. The results for biochemical oxygen demand, sodium, and specific conductance were within the acceptance limits and outside of the warning limits; WA was asked to check for error.

Table 50 contains results for WP56. In WP56, which was reported in December 1999, all of the GE results were acceptable.

Laboratory Data Records Review

Laboratory Data Records Reviews (LDRRs) are conducted periodically at laboratories which perform environmental analyses for WSRC. The purpose of the reviews is to investigate technical validation issues discussed in Superfund's Data Quality Objectives, which are not adequately addressed by computer checking the AN98 electronic data deliverables, or by reviewing the analytical narratives or the COC forms. These technical issues include instrument calibration, analyte identification, and analyte quantitation. The issues are addressed by examining all Initial Calibration records for the period reviewed, Continuing Calibration records for randomly selected dates within the period reviewed, and selected sample records from those dates.

The LDRR emphasizes programmatic laboratory behavior; a judgment is formed on whether the laboratory is or is not in compliance with WSRC requirements. However, if during the review, any QA/QC issues identified are judged to be significant enough to affect data usability (R- and U-qualifier issues), then the affected data will be appropriately qualified. QA/QC issues that do not affect data usability (J-qualifier issues) are noted in the report, but do not result in requalification of data.

The LDRRs for fourth quarter 1999 were conducted at EX, GE and GP, WA, ML, and TM during March and April 2000. The LDRR results are summarized below.

Fourth Quarter 1999 Records Review of EX

On April 4, 2000, laboratory data records were reviewed for inorganic and organic analyses conducted by EX during fourth quarter 1999. No technical issues of concern were identified during the review.

Fourth Quarter 1999 Records Review of GE and GP

On March 7 and 8, 2000, laboratory data records were reviewed for inorganic, organic, and radiological analyses conducted by GE and GP during fourth quarter 1999. One technical issue of concern was identified during the review: that sulfide determinations performed by SW-846 lacked the normal performance and quality assurance criteria generally seen with that method. Discussions were held with responsible laboratory personnel and the conclusion made was that GE would determine how quality control performance criteria could be met using that method or that the laboratory would identify another method for performing sulfide analyses.

Fourth Quarter 1999 Records Review of WA

On March 7, 8, and 9, 2000, laboratory data records were reviewed for inorganic and organic analyses conducted by WA during fourth quarter 1999. No technical issues of concern were identified during the review.

Fourth Quarter 1999 Records Review of ML

On March 14 and 15, 2000, laboratory data records were reviewed for inorganic and organic analyses conducted by ML during fourth quarter 1999. No technical issues of concern were identified during the review.

Fourth Quarter 1999 Records Review of TM

On March 8, 2000, laboratory data records were reviewed for radiochemical analyses conducted by TM during fourth quarter 1999. No technical issues of concern were identified during the review.

Laboratory Control Samples

Laboratory control samples are used to monitor the performance of all steps in the analysis process, including sample preparation, and are used to identify problems with the analytical procedure. Laboratory control samples are deionized water spiked with selected target analytes, prepared, and analyzed with the regular samples for inorganic and radiological parameters. Blank spikes are organic-free water spiked with selected target analytes, prepared, and analyzed with the regular samples for organic parameters. The spiking solutions for laboratory control samples are obtained from the EPA or a third-party supplier, or they are prepared in the laboratory with chemicals from a different source than the calibration standards. All laboratory control standards are validated to EPA standards, as detailed in the ***EGG Operating Handbook***, section 1.800, **Analytical Data Qualification.**

The percent recovery (% R) for laboratory control samples or blank spikes is calculated as

$$\%\ R = \frac{\text{Observed concentration}}{\text{Known concentration}} \times 100.$$

Tables 51–56 list the statistical information for the percent recovery for laboratory control samples by analyte for EX, GE, WA, ML, GP, and TM. The *Qualified Out of Range* column provides the number of laboratory control samples or blank spikes that had percent recoveries outside the acceptance limits compared to the total number analyzed; the other columns provide the mean recovery, standard deviation, and the minimum and maximum recoveries.

Surrogates

Surrogates are analytes not normally found in environmental samples that are used to spike all samples, QC samples, and calibration standards for organic analyses. Surrogates are added prior to analysis for VOAs (volatile organic analyses) and prior to extraction for semivolatiles, pesticides, and herbicides. Low surrogate recovery is a measure of the effect of the sample matrix, high analyte concentration, or laboratory error. High surrogate recovery usually indicates instrument or sample preparation errors. All surrogates are validated to EPA standards, as detailed in the WSRC ***EGG Operating Handbook***, section 1.800, **Analytical Data Qualification.**

Tables 57–60 list the statistical information for the percent recovery for the surrogates by analyte for EX, GE, WA, and ML. The *Qualified Out of Range* column gives the number of surrogates that had percent recoveries outside the acceptance limits compared to the total number analyzed; the other columns provide the mean recovery, standard deviation, and the minimum and maximum recoveries.

Matrix Spikes

Matrix spikes are used to evaluate the effect of the sample matrix on the analytical procedure. Matrix spikes are prepared by adding a known quantity of the target analyte to at least 5% of the samples prior to sample preparation. For the inorganic analyses, all target analytes are spiked. For the organic analyses, selected target analytes are used in the spiking solution. Results from the matrix spike are used to evaluate the extent of matrix interference and to determine the bias of the procedure for the sample matrix. Matrix spikes have the same recovery limits as laboratory control samples.

The percent recovery for matrix spikes is calculated as

$$\%\ R = \frac{SSR - SR}{SA} \times 100,$$

where

%R = percent recovery

SSR = spiked sample result

SR = sample result, and

SA = spike added.

Percent bias in tables 61–65 is the difference between 100% and the mean recovery; a negative value indicates that the mean recovery was below 100%. If the bias is consistently positive, the laboratory may be overestimating the concentration of the analyte, and if the bias is consistently negative, the laboratory may be underestimating the concentration of the analyte. Results close to the quantitation and action limits should be closely examined, and their use in decision-making should be carefully considered.

Matrix spikes are rejected if the concentration of the analyte in the sample is more than four times the amount of the spike. Results for matrix spikes are provided in tables 61–65 for EX, GE, WA, ML, and GP. The *Qualified Out of Range* column provides the number of matrix spikes that had percent recoveries outside the acceptance limits compared to the total number analyzed; the other columns provide the mean recovery, standard deviation, percent bias, and the minimum and maximum recoveries.

Method Blanks

Method blanks, or laboratory blanks, are used to determine the existence and magnitude of contamination problems resulting from the analytical process. Method blanks are deionized water to which all reagents are added in the same proportions used in sample processing. When method blanks have detectable concentrations of the analytes, the laboratory must determine the cause and take corrective action to eliminate the contamination.

Tables 66–71 list the statistical information for analytes detected in method blanks for EX, GE, WA, ML, GP, and TM. The *Frequency of Detection* column provides the number of method blanks analyzed for each analyte during the quarter that had detectable concentrations compared to the total number that were analyzed. The other columns list the mean result, standard deviation, and minimum and maximum results.

Field Blanks

Field blanks (called QA blanks in the tables) are used to identify possible sources of contamination from the processing and shipping of samples. Field blanks are sample bottles filled with deionized water prior to well sampling; the bottles are not opened at the sampling site. The field blanks are sent along with, and analyzed in the same manner as, the samples. Positive results from field blanks can result from analytical bias, contaminated sample bottles, contaminated deionized water, or contamination during shipping or analysis. The results from all samples in the sample delivery group are evaluated by the laboratory and data validators to determine the cause of the contamination and the corrective action to be taken.

Tables 72–76 list the statistical information for the field blanks by analyte for EX, GE, WA, GP, and TM. The *Frequency of Detection* column gives the number of field blanks analyzed for each analyte during the quarter that had detectable concentrations compared to the total number analyzed. The other columns list the mean result, standard deviation, and minimum and maximum results.

Trip Blanks

Trip blanks are vials of deionized water sent to the laboratory for volatiles analysis with each shipping cooler containing volatiles samples. Trip blanks are used to check for contamination resulting from shipping, primarily due to the breaking of the vial's seal because of depressurization during air transport. Trip blanks are used also to test the laboratories' reliability. The blanks are prepared by adding preservative to a 40 mL vial, filling it completely with deionized water, and sealing the top with a Teflon-lined septum cap. The results from all samples in the sample delivery group are evaluated by the laboratory and data validators to determine the cause of the contamination and the corrective action to be taken.

Tables 77–80 list the statistical information for the analytes detected in trip blanks by EX, GE, WA, and ML. The *Frequency of Detection* column gives the number of trip blanks analyzed for each analyte during the quarter that had detectable concentrations compared to the total number analyzed. The other columns list the mean result, standard deviation, and minimum and maximum results.

Equipment Blanks or Rinsates

Equipment blanks (called EPT blanks in the tables) or rinsates are used to determine if sampling equipment that has been cleaned in the field is contaminated. Prior to sampling, deionized water is poured over or pumped through portions of the sampling equipment that come in contact with the sample. If the equipment blank is contaminated, the field cleaning procedure must be evaluated to determine the cause of the contamination. Results for all samples collected with equipment cleaned in the field must be evaluated to determine whether the contamination is isolated or generalized.

No information about equipment blanks was provided for fourth quarter 1999.

Blanks Results

The blanks results tables in **Appendix C** list the dates, field measurements, and analytical results for the sampling blanks. See **Appendix B** for a key to the abbreviations used in the tables.

REPRESENTATIVENESS

A representative sample is a sample that can be expected to exhibit the average properties of the population being sampled. Representativeness for groundwater samples can be affected by using a bailer to collect the sample from the well, metal casings in the well, and turbidity (suspended particulates) in the sample. The results may be biased positively or negatively.

If a well is bailed, VOAs are biased negatively due to aeration of the sample in the sampling process. Table 81 lists the wells that were bailed during fourth quarter 1999.

For metal casings, the bias for metals can be positive or negative depending on whether the casing is releasing or absorbing metals. Table 82 lists the wells with metal casings that were sampled during fourth quarter 1999.

If turbidity is greater than 15 NTU, the metals can be biased positively or negatively, and the radionuclides—particularly those that are determined by gamma spectroscopy—can be masked due to self-absorption. Table 83 lists the wells that had turbidity results greater than 15 NTU during fourth quarter 1999.

COMPARABILITY

Comparability is evaluated by confirming that the laboratories used the same standardized procedures for sample preparation and analysis, that the reporting units are the same, and that similar quantitation limits were obtained. The analytical methods, reporting units, and EQLs reported by each laboratory are given in tables 11–16 in the **Analytical Data Review** section. Tables 36–38 list the analytes and wells where a result from one laboratory was more than twice the corresponding result from the other laboratory.

COMPLETENESS

Completeness is evaluated by comparing the wells scheduled for sampling with the wells sampled and comparing the requested analyses with the analytical data received. The number of wells sampled and the requested analyses are determined from the chains of custody. Table 84 lists the reasons the laboratories did not perform certain analyses on samples from wells that could be sampled. For fourth quarter 1999, only WA did not perform certain analyses. See the **Sample Scheduling**, **Field Notes**, and **Analytical Results** sections of this report for more information on wells scheduled but not sampled this quarter.

Table 17. Wells Providing Blind Replicate Samples and Associated Blanks

Well	*Sample Date*	*Replicate*	*Associated Blank*
ARP 3	11/22/99	QA 65D	QA 66D
BGO 6A	11/17/99	QA 33D	QA 34D
BGO 8C	11/20/99	QA 35D	QA 36D
BGO 10AR	11/19/99	QA 37D	QA 38D
BGO 16AR	11/30/99	QA 39D	QA 40D
BGO 18A	11/30/99	QA 41D	QA 42D
BGO 20AA	11/29/99	QA 43D	QA 44D
BGO 35C	11/10/99	QA 45D	QA 46D
BGO 37C	11/29/99	QA 47D	QA 48D
BGO 47A	11/30/99	QA 49D	QA 50D
CSL 24D	11/10/99	QA 69D	QA 70D

Well	Sample Date	Replicate	Associated Blank
DCB 8C	11/09/99	QA 71D	Not applicable
FIN 2TK	11/03/99	QA 57D	QA 58D
FSB 78A	10/06/99	QA 1D	QA 2D
FSB 95CR	10/26/99	QA 3D	QA 4D
	12/07/99	QA 75D	Not applicable
FSB101A	10/13/99	QA 5D	QA 6D
FSB114C	10/08/99	QA 7D	QA 8D
FSB120C	10/13/99	QA 9D	QA 10D
HIN600TK	12/07/99	QA 59D	QA 60D
HSB 65B	10/05/99	QA 11D	QA 12D
HSB 68A	10/04/99	QA 13D	QA 14D
HSB 85A	10/07/99	QA 15D	QA 16D
HSB107C	10/15/99	QA 17D	QA 18D
HSB114C	12/06/99	QA 77D	QA 78D
HSB124AR	10/12/99	QA 19D	QA 20D
HSB134C	10/11/99	QA 21D	QA 22D
HSB145C	10/12/99	QA 23D	QA 24D
LFW 43B	12/03/99	QA 53D	QA 54D
LFW 58D	12/02/99	QA 55D	QA 56D
MSB 91TB	Well not sampled	QA 25D	Not applicable
RAC 2	12/16/99	QA 79D	QA 80D
RWM 1	10/21/99	QA 27D	Not applicable
RWM 7	11/17/99	QA 29D	Not applicable
RWM 10	12/13/99	QA 31D	Not applicable
SRW 16C	11/18/99	QA 51D	Not applicable
TBG 5A	11/17/99	QA 61D	QA 62D
TNX 9D	11/16/99	QA 63D	QA 64D
XSB 4D	11/19/99	QA 73D	QA 74D
YSB 3A	11/17/99	QA 67D	QA 68D

Table 18. Analytes Not Showing Measurable Concentrations above Estimated Quantitation Limits in Any Replicated or Duplicated Samples for GE, WA, EX, and ML

Analyte	Number of Analyses GE	WA	EX	ML
Acetone	3	7	4	6
Acetonitrile	1	7	4	–
Acrolein	1	7	4	–
Acrylonitrile	1	7	4	–
Aldrin	3	17	–	2
Allyl chloride	1	7	4	–
Aluminum, dissolved	–	2	–	–
Antimony	35	51	–	4
Arsenic, dissolved	–	2	–	–
Benzene	24	62	21	6
alpha-Benzene hexachloride	3	17	–	2
beta-Benzene hexachloride	3	17	–	2
delta-Benzene hexachloride	3	17	–	2
Bromodichloromethane	24	62	21	6
Bromoform	24	62	21	6
Bromomethane	24	62	21	6
Cadmium, dissolved	–	2	–	–
Carbon disulfide	3	7	4	6

Analyte	Number of Analyses GE	WA	EX	ML
Chlordane	2	–	–	–
alpha-Chlordane	–	16	–	2
gamma-Chlordane	–	16	–	2
Chloroethane	24	62	21	6
2-Chloroethyl vinyl ether	23	55	16	–
Chloromethane	24	62	21	6
Chloroprene	1	7	4	–
Chromium, dissolved	–	2	–	–
Cyanide	23	7	–	2
p,p´-DDD	3	17	–	2
p,p´-DDE	3	17	–	2
p,p´-DDT	3	17	–	2
Dibromochloromethane	24	62	21	6
1,2-Dibromo-3-chloropropane	1	7	4	–
1,2-Dibromoethane	1	7	4	–
Dibromomethane	1	7	4	–
trans-1,4-Dichloro-2-butene	1	7	4	–
1,2-Dichloroethane	24	62	21	6
trans-1,2-Dichloroethylene	23	60	20	–
2,4-Dichlorophenoxyacetic acid	1	16	–	–
cis-1,3-Dichloropropene	24	62	21	6
trans-1,3-Dichloropropene	24	62	21	6
Dieldrin	3	17	–	2
Dimethoate	1	14	–	–
Disulfoton	1	14	–	–
Endosulfan sulfate	3	17	–	2
Endosulfan I	3	17	–	2
Endosulfan II	3	17	–	2
Endrin	3	17	–	2
Endrin aldehyde	3	17	–	–
Endrin ketone	–	–	–	2
Ethylbenzene	24	62	21	6
Famphur	1	14	–	–
Heptachlor	3	17	–	4
Heptachlor epoxide	3	17	–	2
Hexachlorodibenzo-p-dioxins	–	10	–	–
Hexachlorodibenzo-p-furans	–	10	–	–
2-Hexanone	3	7	4	6
1,2,3,4,6,7,8-HPCDD	2	–	–	–
1,2,3,4,6,7,8-HPCDF	2	–	–	–
1,2,3,4,7,8-HXCDD	2	–	–	–
1,2,3,4,7,8-HXCDF	2	–	–	–
Iodomethane	1	7	4	–
Iron, dissolved	–	2	–	–
Isobutyl alcohol	1	7	4	–
Isodrin	1	16	–	–
Kepone	1	16	–	–
Lead, dissolved	–	2	–	–
Lindane	3	17	–	2
Mercury, dissolved	–	2	–	–
Methacrylonitrile	1	7	4	–
Methoxychlor	3	17	–	2
Methyl ethyl ketone	3	7	4	6
Methyl isobutyl ketone	3	7	4	6
Octachlorodibenzo-p-dioxin	2	–	–	–
Octachlorodibenzo-p-furan	2	–	–	–
Parathion ethyl	–	14	–	–

Analyte	Number of Analyses GE	WA	EX	ML
Parathion methyl	1	14	–	–
PCB 1016	10	19	–	2
PCB 1221	10	19	–	2
PCB 1232	10	19	–	2
PCB 1242	10	19	–	2
PCB 1248	10	19	–	2
PCB 1254	10	19	–	2
PCB 1260	10	19	–	2
1,2,3,7,8-PCDD	2	–	–	–
1,2,3,7,8-PCDF	2	–	–	–
Pentachlorodibenzo-p-dioxins	–	10	–	–
Pentachlorodibenzo-p-furans	–	10	–	–
Phorate	1	14	–	–
Propionitrile	1	7	4	–
Selenium, dissolved	–	2	–	–
Silver, dissolved	–	2	–	–
Styrene	3	7	4	8
Sulfide	12	16	–	–
Sulfotepp	1	14	–	–
2,4,5-T	1	16	–	–
2,3,7,8-TCDD	2	10	–	–
2,3,7,8-TCDF	2	–	–	–
Tetrachlorodibenzo-p-dioxins	–	10	–	–
Tetrachlorodibenzo-p-furans	–	10	–	–
1,1,1,2-Tetrachloroethane	1	7	4	–
1,1,2,2-Tetrachloroethane	24	62	21	6
Thionazin	1	14	–	–
Toxaphene	3	17	–	2
2,4,5-TP (Silvex)	1	16	–	–
1,1,1-Trichloroethane	24	70	21	6
1,1,2-Trichloroethane	24	62	21	6
1,2,3-Trichloropropane	1	7	4	–
O,O,O-Triethyl phosphorothioate	1	14	–	–
Uranium	7	2	–	–
Vinyl acetate	3	7	4	6
Xylenes	3	56	4	6

– No replicate or duplicate analyses were performed.

Table 19. Analytes Not Showing Measurable Concentrations above Estimated Quantitation Limits in Any Replicated or Duplicated Samples for GP and TM

Analyte	Number of Analyses GP	TM
Actinium-228	28	8
Antimony-125	28	8
Barium-133	–	8
Cerium-144	28	8
Cobalt-57	28	8
Cobalt-58	–	8
Cobalt-60	28	8
Curium-242	27	–
Curium-243/244	27	–
Europium-152	28	8

Analyte	Number of Analyses GP	TM
Europium-154	28	8
Manganese-54	28	8
Neptunium-237	11	–
Neptunium-239	–	8
Nickel-63	16	4
Plutonium-238	23	–
Plutonium-239/240	21	–
Promethium-144	28	8
Promethium-146	28	8
Ruthenium-106	28	8
Sodium-22	28	8
Strontium-89	–	4
Thorium-228	22	–
Thorium-232	22	–
Thorium-234	2	–
Tin-113	–	8
Yttrium-88	28	8
Zirconium-95	–	8

– No replicate or duplicate analyses were performed.

Table 20. Intralaboratory MRD Indices for EX

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj	Blind Replicates Number of Dup. Pairs	MRD	MRDadj
Aluminum	200 µg/L	0	—	—	2	0.00	0.00
Arsenic	10 µg/L	0	—	—	2	0.00	0.00
Barium	10 µg/L	0	—	—	2	0.00	0.00
Boron	100 µg/L	0	—	—	4	1.53	1.05
Cadmium	10 µg/L	0	—	—	2	0.00	0.00
Carbon tetrachloride	500 µg/L	0	—	—	6	0.00	0.00
Chlorobenzene	1,000 µg/L	0	—	—	6	0.00	0.00
Chloroethene	1,000 µg/L	0	—	—	6	0.00	0.00
Chloroform	500 µg/L	0	—	—	6	0.00	0.00
Chromium	10 µg/L	0	—	—	2	0.00	0.00
1,3-Dichlorobenzene	5.0 µg/L	0	—	—	2	0.00	0.00
1,4-Dichlorobenzene	5.0 µg/L	0	—	—	2	0.00	0.00
Dichlorodifluoromethane	5.0 µg/L	0	—	—	2	0.00	0.00
1,1-Dichloroethane	1,000 µg/L	0	—	—	6	0.00	0.00
1,1-Dichloroethylene	500 µg/L	0	—	—	6	0.00	0.00
cis-1,2-Dichloroethylene	1,000 µg/L	0	—	—	6	0.00	0.00
Dichloromethane	500 µg/L	0	—	—	6	0.00	0.00
1,2-Dichloropropane	500 µg/L	0	—	—	6	0.00	0.00
1,4-Dioxane	500 µg/L	0	—	—	2	0.00	0.00
Ethyl methacrylate	5.0 µg/L	0	—	—	2	0.00	0.00
Iron	200 µg/L	0	—	—	2	2.28	2.28
Lead	10 µg/L	0	—	—	4	0.00	0.00
Manganese	10 µg/L	0	—	—	4	1.02	0.60
Mercury	0.5 µg/L	0	—	—	4	0.00	0.00
Methyl methacrylate	20 µg/L	0	—	—	2	0.00	0.00
Nitrate as nitrogen	100 µg/L	5	0.39	0.29	2	2.95	2.95

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj	Blind Replicates Number of Dup. Pairs	MRD	MRDadj
Nitrate-nitrite as nitrogen	500 µg/L	5	0.94	0.92	2	2.79	2.47
Pentachloroethane	200 µg/L	0	—	—	2	0.00	0.00
Selenium	10 µg/L	0	—	—	2	0.00	0.00
Silver	20 µg/L	0	—	—	2	0.00	0.00
Tetrachloroethylene	25 µg/L	0	—	—	6	0.00	0.00
Toluene	500 µg/L	0	—	—	6	0.00	0.00
Trichloroethylene	5.0 µg/L	0	—	—	6	0.81	0.30
Trichlorofluoromethane	1,000 µg/L	0	—	—	6	0.00	0.00

— No replicate or duplicate analyses could be calculated.

Note: An MRD of 0.00 indicates no difference between any of the pairs of results used in calculating the MRD.

Table 21. Intralaboratory MRD Indices for GE

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj	Blind Replicates Number of Dup. Pairs	MRD	MRDadj
Acenaphthene	9.9 µg/L	0	—	—	0	—	—
Acenaphthylene	9.9 µg/L	0	—	—	0	—	—
Acetophenone	9.9 µg/L	0	—	—	0	—	—
2-Acetylaminofluorene	9.9 µg/L	0	—	—	0	—	—
Alkalinity (as $CaCO_3$)	9,750 µg/L	3	1.79	1.79	0	—	—
Aluminum	50.0 µg/L	1	0.00	0.00	10	18.87	18.59
4-Aminobiphenyl	9.9 µg/L	0	—	—	0	—	—
Aniline	9.9 µg/L	0	—	—	0	—	—
Anthracene	9.9 µg/L	0	—	—	0	—	—
Aramite	9.9 µg/L	0	—	—	0	—	—
Arsenic	5.0 µg/L	1	0.00	0.00	9	0.00	0.00
Barium	5.0 µg/L	1	0.00	0.00	9	12.77	9.94
Benzo[*a*]anthracene	9.9 µg/L	0	—	—	0	—	—
Benzo[*b*]fluoranthene	9.9 µg/L	0	—	—	0	—	—
Benzo[*k*]fluoranthene	9.9 µg/L	0	—	—	0	—	—
Benzo[*g,h,i*]perylene	9.9 µg/L	0	—	—	0	—	—
Benzo[*a*]pyrene	9.9 µg/L	0	—	—	0	—	—
Benzyl alcohol	9.9 µg/L	0	—	—	0	—	—
Beryllium	5.0 µg/L	1	0.00	0.00	10	0.00	0.00
Bis(2-chloroethoxy) methane	9.9 µg/L	0	—	—	0	—	—
Bis(2-chloroethyl) ether	9.9 µg/L	0	—	—	0	—	—
Bis(2-chloroisopropyl) ether	9.9 µg/L	0	—	—	0	—	—
Bis(2-ethylhexyl) phthalate	10.5 µg/L	0	—	—	3	46.89	46.89
Boron	50.0 µg/L	0	—	—	0	—	—
4-Bromophenyl phenyl ether	9.9 µg/L	0	—	—	0	—	—
Butylbenzyl phthalate	9.9 µg/L	0	—	—	0	—	—
2-sec-Butyl-4,6-dinitrophenol	9.9 µg/L	0	—	—	0	—	—
Cadmium	5.0 µg/L	1	0.00	0.00	9	0.15	0.15
Calcium	†	0	—	—	1	5.90	5.90
Carbon tetrachloride	1.0 µg/L	0	—	—	4	0.00	0.00
Chloride	†	1	3.74	3.74	1	3.62	3.62
4-Chloroaniline	9.9 µg/L	0	—	—	0	—	—
Chlorobenzene	1.0 µg/L	0	—	—	4	0.00	0.00

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Chlorobenzilate	9.9 µg/L	0	—	—	0	—	—
4-Chloro-m-cresol	9.9 µg/L	0	—	—	0	—	—
Chloroethene	1.0 µg/L	0	—	—	4	0.00	0.00
Chloroform	1.0 µg/L	0	—	—	4	0.00	0.00
2-Chloronaphthalene	9.9 µg/L	0	—	—	0	—	—
2-Chlorophenol	9.9 µg/L	0	—	—	0	—	—
4-Chlorophenyl phenyl ether	9.9 µg/L	0	—	—	0	—	—
Chromium	5.0 µg/L	1	0.00	0.00	8	13.63	13.63
Chrysene	9.9 µg/L	0	—	—	0	—	—
Cobalt	5.0 µg/L	1	0.00	0.00	9	1.06	0.45
Copper	5.0 µg/L	1	0.00	0.00	9	**20.92**	19.91
o-Cresol	9.9 µg/L	0	—	—	0	—	—
Diallate	9.9 µg/L	0	—	—	0	—	—
Dibenz[*a,h*]anthracene	9.9 µg/L	0	—	—	0	—	—
Dibenzofuran	9.9 µg/L	0	—	—	0	—	—
Di-n-butyl phthalate	9.9 µg/L	0	—	—	0	—	—
1,2-Dichlorobenzene	9.9 µg/L	0	—	—	0	—	—
1,3-Dichlorobenzene	9.9 µg/L	0	—	—	0	—	—
1,4-Dichlorobenzene	9.9 µg/L	0	—	—	0	—	—
3,3´-Dichlorobenzidine	19.8 µg/L	0	—	—	0	—	—
Dichlorodifluoromethane	†	0	—	—	0	—	—
1,1-Dichloroethane	1.0 µg/L	0	—	—	4	0.00	0.00
1,1-Dichloroethylene	1.0 µg/L	0	—	—	4	0.00	0.00
1,2-Dichloroethylene	2.0 µg/L	0	—	—	1	0.00	0.00
cis-1,2-Dichloroethylene	1.0 µg/L	0	—	—	1	0.00	0.00
Dichloromethane	5.0 µg/L	0	—	—	4	0.00	0.00
2,4-Dichlorophenol	9.9 µg/L	0	—	—	0	—	—
2,6-Dichlorophenol	9.9 µg/L	0	—	—	0	—	—
1,2-Dichloropropane	1.0 µg/L	0	—	—	4	0.00	0.00
Diethyl phthalate	9.9 µg/L	0	—	—	0	—	—
2,4-Dimethyl phenol	9.9 µg/L	0	—	—	0	—	—
Dimethyl phthalate	9.9 µg/L	0	—	—	0	—	—
p-Dimethylaminoazobenzene	9.9 µg/L	0	—	—	0	—	—
7,12-Dimethylbenz[*a*]anthracene	9.9 µg/L	0	—	—	0	—	—
3,3´-Dimethylbenzidine	19.8 µg/L	0	—	—	0	—	—
a,a-Dimethylphenethylamine	9.9 µg/L	0	—	—	0	—	—
1,3-Dinitrobenzene	9.9 µg/L	0	—	—	0	—	—
2,4-Dinitrophenol	19.8 µg/L	0	—	—	0	—	—
2,4-Dinitrotoluene	9.9 µg/L	0	—	—	0	—	—
2,6-Dinitrotoluene	9.9 µg/L	0	—	—	0	—	—
Di-n-octyl phthalate	9.9 µg/L	0	—	—	0	—	—
1,4-Dioxane	9.9 µg/L	0	—	—	0	—	—
Diphenylamine	9.9 µg/L	0	—	—	0	—	—
Ethyl methacrylate	9.9 µg/L	0	—	—	0	—	—
Ethyl methanesulfonate	9.9 µg/L	0	—	—	0	—	—
Fluoranthene	9.9 µg/L	0	—	—	0	—	—
Fluorene	9.9 µg/L	0	—	—	0	—	—
Fluoride	50.0 µg/L	1	0.00	0.00	1	**36.73**	13.50
Hexachlorobenzene	9.9 µg/L	0	—	—	0	—	—
Hexachlorobutadiene	9.9 µg/L	0	—	—	0	—	—
Hexachlorocyclopentadiene	9.9 µg/L	0	—	—	0	—	—
Hexachloroethane	9.9 µg/L	0	—	—	0	—	—
Hexachlorophene	495 µg/L	0	—	—	0	—	—
Hexachloropropene	9.9 µg/L	0	—	—	0	—	—
Indeno[1,2,3-*c,d*]pyrene	9.9 µg/L	0	—	—	0	—	—
Iron	58.2 µg/L	1	0.00	0.00	10	**22.71**	21.59
Isophorone	9.9 µg/L	0	—	—	0	—	—

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj	Blind Replicates Number of Dup. Pairs	MRD	MRDadj
Isosafrole	9.9 µg/L	0	—	—	0	—	—
Lead	5.0 µg/L	1	0.00	0.00	9	0.00	0.00
Lithium	2.0 µg/L	0	—	—	0	—	—
Magnesium	†	0	—	—	1	19.84	19.84
Manganese	10.0 µg/L	0	—	—	1	**63.01**	27.60
Mercury	0.2 µg/L	0	—	—	10	0.20	0.20
Methapyrilene	9.9 µg/L	0	—	—	0	—	—
2-Methyl-4,6-dinitrophenol	9.9 µg/L	0	—	—	0	—	—
Methyl methacrylate	5.0 µg/L	0	—	—	0	—	—
Methyl methanesulfonate	9.9 µg/L	0	—	—	0	—	—
3-Methylcholanthrene	9.9 µg/L	0	—	—	0	—	—
2-Methylnaphthalene	9.9 µg/L	0	—	—	0	—	—
Naphthalene	9.9 µg/L	0	—	—	0	—	—
1,4-Naphthoquinone	9.9 µg/L	0	—	—	0	—	—
1-Naphthylamine	9.9 µg/L	0	—	—	0	—	—
2-Naphthylamine	9.9 µg/L	0	—	—	0	—	—
Nickel	5.0 µg/L	1	0.00	0.00	8	0.24	0.13
Nitrate-nitrite as nitrogen	180 µg/L	25	0.97	0.97	13	2.18	2.18
m-Nitroaniline	9.9 µg/L	0	—	—	0	—	—
o-Nitroaniline	9.9 µg/L	0	—	—	0	—	—
p-Nitroaniline	9.9 µg/L	0	—	—	0	—	—
Nitrobenzene	9.9 µg/L	0	—	—	0	—	—
2-Nitrophenol	9.9 µg/L	0	—	—	0	—	—
4-Nitrophenol	9.9 µg/L	0	—	—	0	—	—
4-Nitroquinoline-1-oxide	9.9 µg/L	0	—	—	0	—	—
N-Nitrosodi-n-butylamine	9.9 µg/L	0	—	—	0	—	—
N-Nitrosodiethylamine	9.9 µg/L	0	—	—	0	—	—
N-Nitrosodimethylamine	9.9 µg/L	0	—	—	0	—	—
N-Nitrosodiphenylamine	9.9 µg/L	0	—	—	0	—	—
N-Nitrosodipropylamine	9.9 µg/L	0	—	—	0	—	—
N-Nitrosomethylethylamine	9.9 µg/L	0	—	—	0	—	—
N-Nitrosomorpholine	9.9 µg/L	0	—	—	0	—	—
N-Nitrosopiperidine	9.9 µg/L	0	—	—	0	—	—
N-Nitrosopyrrolidine	9.9 µg/L	0	—	—	0	—	—
5-Nitro-o-toluidine	9.9 µg/L	0	—.	—	0	—	—
Pentachlorobenzene	9.9 µg/L	0	—	—	0	—	—
Pentachloroethane	9.9 µg/L	0	—	—	0	—	—
Pentachloronitrobenzene	9.9 µg/L	0	—	—	0	—	—
Pentachlorophenol	19.8 µg/L	0	—	—	0	—	—
pH	†	37	0.24	0.24	12	12.21	12.21
Phenacetin	9.9 µg/L	0	—	—	0	—	—
Phenanthrene	9.9 µg/L	0	—	—	0	—	—
Phenol	9.9 µg/L	0	—	—	0	—	—
Phenols	5.0 µg/L	6	0.00	0.00	1	0.00	0.00
p-Phenylenediamine	19.8 µg/L	0	—	—	0	—	—
2-Picoline	9.9 µg/L	0	—	—	0	—	—
Potassium	†	0	—	—	1	**22.95**	22.95
Pronamid	9.9 µg/L	0	—	—	0	—	—
Pyrene	9.9 µg/L	0	—	—	0	—	—
Pyridine	9.9 µg/L	0	—	—	0	—	—
Safrole	9.9 µg/L	0	—	—	0	—	—
Selenium	5.0 µg/L	1	0.00	0.00	9	0.21	0.21
Silver	5.0 µg/L	1	0.00	0.00	9	0.00	0.00
Sodium	†	0	—	—	1	1.43	1.43
Specific conductance	127 µS/cm	33	0.14	0.13	12	15.48	15.35
Sulfate	200 µg/L	4	17.77	8.66	1	**117.37**	117.37
1,2,4,5-Tetrachlorobenzene	9.9 µg/L	0	—	—	0	—	—

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Tetrachloroethylene	1.0 µg/L	0	—	—	5	5.25	5.25
2,3,4,6-Tetrachlorophenol	9.9 µg/L	0	—	—	0	—	—
Thallium	5.0 µg/L	1	0.00	0.00	9	0.00	0.00
Tin	100 µg/L	1	0.00	0.00	8	0.00	0.00
Toluene	1.0 µg/L	0	—	—	4	**46.84**	46.84
o-Toluidine	9.9 µg/L	0	—	—	0	—	—
Total dissolved solids	50,000 µg/L	5	2.98	2.45	0	—	—
Total organic carbon	1,260 µg/L	2	0.00	0.00	0	—	—
Total organic halogens	10.0 µg/L	2	9.91	7.21	0	—	—
Total phosphates (as P)	140 µg/L	1	0.00	0.00	1	0.00	0.00
1,2,4-Trichlorobenzene	9.9 µg/L	0	—	—	0	—	—
Trichloroethylene	1.0 µg/L	0	—	—	5	3.69	3.69
Trichlorofluoromethane	5.0 µg/L	0	—	—	3	0.00	0.00
2,4,5-Trichlorophenol	9.9 µg/L	0	—	—	0	—	—
2,4,6-Trichlorophenol	9.9 µg/L	0	—	—	0	—	—
1,3,5-Trinitrobenzene	9.9 µg/L	0	—	—	0	—	—
Vanadium	10.8 µg/L	0	—	—	8	0.00	0.00
Zinc	10.0 µg/L	1	0.00	0.00	9	6.25	2.76

† No detection limit, or no replicate or duplicate results below detection limit.
— No replicate or duplicate analyses could be calculated.

Note: An MRD of 0.00 indicates no difference between any of the pairs of results used in calculating the MRD. MRD results greater than or equal to 20 appear in **bold**.

Table 22. Intralaboratory MRD Matrix Spike Indices for GE

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj
Acenaphthene	†	2	16.94	16.94
Aldrin	†	6	9.82	9.82
Benzene	†	14	2.26	2.26
Chlorobenzene	†	14	1.71	1.71
4-Chloro-m-cresol	†	2	19.26	19.26
2-Chlorophenol	†	2	**24.34**	24.34
p,p´-DDT	†	6	5.30	5.30
1,4-Dichlorobenzene	†	2	**32.26**	32.26
1,1-Dichloroethylene	†	14	3.47	3.47
2,4-Dichlorophenoxyacetic acid	†	2	0.20	0.20
Dieldrin	†	6	6.64	6.64
2,4-Dinitrotoluene	†	2	14.69	14.69
Endrin	†	6	6.09	6.09
Heptachlor	†	6	11.81	11.81
Lindane	†	6	7.83	7.83
4-Nitrophenol	†	2	6.37	6.37
N-Nitrosodipropylamine	†	2	17.05	17.05
PCB 1260	†	8	3.86	3.86
Pentachlorophenol	†	2	13.17	13.17
Phenol	†	2	18.54	18.54
Pyrene	†	2	6.77	6.77
2,4,5-T	†	2	2.10	2.10

Analyte	RDL	In-house Duplicates: Number of Dup. Pairs	In-house Duplicates: MRD	In-house Duplicates: MRDadj
Toluene	†	14	2.31	2.31
2,4,5-TP (Silvex)	†	2	2.54	2.54
1,2,4-Trichlorobenzene	†	2	**29.55**	29.55
Trichloroethylene	†	14	1.82	1.82

† No detection limit, or no replicate or duplicate results below detection limit.

Note: An MRD of 0.00 indicates no difference between any of the pairs of results used in calculating the MRD. MRD results greater than or equal to 20 appear in **bold**.

Table 23. Intralaboratory MRD Indices for WA

Analyte	RDL	In-house Duplicates: Number of Dup. Pairs	In-house Duplicates: MRD	In-house Duplicates: MRDadj	Blind Replicates: Number of Dup. Pairs	Blind Replicates: MRD	Blind Replicates: MRDadj
Acenaphthene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Acenaphthylene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Acetophenone	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2-Acetylaminofluorene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Alkalinity (as $CaCO_3$)	35,400 µg/L	11	0.53	0.48	7	8.67	6.46
Aluminum	146 µg/L	33	4.81	2.93	9	3.70	1.46
4-Aminobiphenyl	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Aniline	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Anthracene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Aramite	80.0 µg/L	10	0.00	0.00	1	0.00	0.00
Arsenic	40.0 µg/L	29	0.00	0.00	9	0.00	0.00
Barium, dissolved	†	1	1.52	1.52	0	—	—
Barium	3.8 µg/L	22	3.69	3.09	9	7.08	6.61
Benzo[*a*]anthracene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Benzo[*b*]fluoranthene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Benzo[*k*]fluoranthene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Benzoic acid	104 µg/L	10	0.00	0.00	1	0.00	0.00
Benzo[*g,h,i*]perylene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Benzo[*a*]pyrene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Benzyl alcohol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Beryllium	1.6 µg/L	8	0.00	0.00	1	0.00	0.00
Bis(2-chloroethoxy) methane	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Bis(2-chloroethyl) ether	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Bis(2-chloroisopropyl) ether	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Bis(2-ethylhexyl) phthalate	22.0 µg/L	13	0.00	0.00	1	0.00	0.00
Boron	266 µg/L	23	0.00	0.00	9	0.00	0.00
4-Bromophenyl phenyl ether	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Butylbenzyl phthalate	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2-sec-Butyl-4,6-dinitrophenol	200 µg/L	10	0.00	0.00	1	0.00	0.00
Cadmium	4.7 µg/L	30	0.00	0.00	9	0.00	0.00
Calcium	471 µg/L	9	3.31	1.78	0	—	—
Carbon tetrachloride	5.0 µg/L	25	0.00	0.00	8	0.00	0.00
Chloride	†	6	4.93	4.93	0	—	—
4-Chloroaniline	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Chlorobenzene	5.0 µg/L	21	0.00	0.00	8	0.00	0.00
Chlorobenzilate	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
4-Chloro-m-cresol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj	Blind Replicates Number of Dup. Pairs	MRD	MRDadj
Chloroethene	10.0 µg/L	21	0.00	0.00	8	0.00	0.00
Chloroform	5.0 µg/L	25	0.00	0.00	9	0.22	0.22
2-Chloronaphthalene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2-Chlorophenol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
4-Chlorophenyl phenyl ether	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Chromium	7.0 µg/L	22	1.43	1.25	9	8.21	3.90
Chrysene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Cobalt	4.5 µg/L	7	1.73	1.05	1	0.00	0.00
Copper	15.0 µg/L	17	0.20	0.16	9	0.65	0.20
m-Cresol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
o-Cresol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
p-Cresol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Diallate	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Dibenz[*a,h*]anthracene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Dibenzofuran	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Di-n-butyl phthalate	20.0 µg/L	10	0.00	0.00	1	0.00	0.00
1,2-Dichlorobenzene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
1,3-Dichlorobenzene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
1,4-Dichlorobenzene	20.0 µg/L	11	0.00	0.00	1	0.00	0.00
3,3´-Dichlorobenzidine	80.0 µg/L	10	0.00	0.00	1	0.00	0.00
Dichlorodifluoromethane	50.0 µg/L	2	0.00	0.00	1	0.00	0.00
1,1-Dichloroethane	5.0 µg/L	21	0.00	0.00	9	0.86	0.86
1,1-Dichloroethylene	5.0 µg/L	21	0.00	0.00	8	0.00	0.00
1,2-Dichloroethylene	†	0	—	—	1	3.15	3.15
cis-1,2-Dichloroethylene	5.0 µg/L	7	0.93	0.93	0	—	—
Dichloromethane	8.42 µg/L	19	0.04	0.01	7	0.00	0.00
2,4-Dichlorophenol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2,6-Dichlorophenol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
1,2-Dichloropropane	5.0 µg/L	21	0.00	0.00	8	0.00	0.00
Diethyl phthalate	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2,4-Dimethyl phenol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Dimethyl phthalate	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
p-Dimethylaminoazobenzene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
7,12-Dimethylbenz[*a*]anthracene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
3,3´-Dimethylbenzidine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
a,a-Dimethylphenethylamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
1,3-Dinitrobenzene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2,4-Dinitrophenol	104 µg/L	10	0.00	0.00	1	0.00	0.00
2,4-Dinitrotoluene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2,6-Dinitrotoluene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Di-n-octyl phthalate	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
1,4-Dioxane	20.0 µg/L	10	18.93	18.93	1	**130.18**	130.18
Diphenylamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Ethyl methacrylate	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Ethyl methanesulfonate	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Fluoranthene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Fluorene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Fluoride	92.6 µg/L	1	0.00	0.00	0	—	—
Hexachlorobenzene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Hexachlorobutadiene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Hexachlorocyclopentadiene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Hexachloroethane	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Hexachlorophene	1,000 µg/L	10	0.00	0.00	1	0.00	0.00
Hexachloropropene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Indeno[1,2,3-*c,d*]pyrene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Iron	74.0 µg/L	33	9.74	8.39	9	**20.49**	9.68

Analyte	RDL	In-house Duplicates: Number of Dup. Pairs	In-house Duplicates: MRD	In-house Duplicates: MRDadj	Blind Replicates: Number of Dup. Pairs	Blind Replicates: MRD	Blind Replicates: MRDadj
Isophorone	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Isosafrole	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Lead	47.0 µg/L	28	0.06	0.02	9	0.00	0.00
Lithium	2.7 µg/L	22	0.88	0.61	9	10.56	7.81
Magnesium	74.0 µg/L	9	2.71	2.44	0	—	—
Manganese	7.8 µg/L	11	2.83	2.42	0	—	—
Mercury	0.7 µg/L	19	0.04	0.02	9	0.44	0.29
Methapyrilene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2-Methyl-4,6-dinitrophenol	104 µg/L	10	0.00	0.00	1	0.00	0.00
Methyl methacrylate	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Methyl methanesulfonate	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
3-Methylcholanthrene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2-Methylnaphthalene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Naphthalene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
1,4-Naphthoquinone	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
1-Naphthylamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2-Naphthylamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Nickel	26.0 µg/L	17	0.06	0.05	9	0.00	0.00
Nitrate as nitrogen	†	1	1.81	1.81	0	—	—
Nitrate-nitrite as nitrogen	20.0 µg/L	7	3.87	3.87	0	—	—
m-Nitroaniline	104 µg/L	10	0.00	0.00	1	0.00	0.00
o-Nitroaniline	104 µg/L	10	0.00	0.00	1	0.00	0.00
p-Nitroaniline	104 µg/L	10	0.00	0.00	1	0.00	0.00
Nitrobenzene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2-Nitrophenol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
4-Nitrophenol	104 µg/L	10	0.00	0.00	1	0.00	0.00
4-Nitroquinoline-1-oxide	80.0 µg/L	10	0.00	0.00	1	0.00	0.00
N-Nitrosodi-n-butylamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
N-Nitrosodiethylamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
N-Nitrosodimethylamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
N-Nitrosodiphenylamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
N-Nitrosodipropylamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
N-Nitrosomethylethylamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
N-Nitrosomorpholine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
N-Nitrosopiperidine	200 µg/L	10	0.00	0.00	1	0.00	0.00
N-Nitrosopyrrolidine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
5-Nitro-o-toluidine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Pentachlorobenzene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Pentachloroethane	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Pentachloronitrobenzene	200 µg/L	10	0.00	0.00	1	0.00	0.00
Pentachlorophenol	104 µg/L	10	0.00	0.00	1	0.00	0.00
pH	†	2	0.62	0.62	0	—	—
Phenacetin	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Phenanthrene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Phenol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Phenols	37.0 µg/L	11	0.00	0.00	9	1.77	0.58
p-Phenylenediamine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
2-Picoline	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Potassium	187 µg/L	9	2.60	1.43	0	—	—
Pronamid	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Pyrene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Pyridine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Safrole	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Selenium	66.0 µg/L	29	0.00	0.00	9	0.00	0.00
Silica	†	7	2.35	2.35	0	—	—
Silver	5.0 µg/L	22	0.00	0.00	9	0.00	0.00
Sodium	†	11	2.68	2.68	0	—	—

Analyte	RDL	In-house Duplicates: Number of Dup. Pairs	In-house Duplicates: MRD	In-house Duplicates: MRDadj	Blind Replicates: Number of Dup. Pairs	Blind Replicates: MRD	Blind Replicates: MRDadj
Specific conductance	†	2	0.26	0.26	0	—	—
Sulfate	1,920 µg/L	12	0.00	0.00	9	0.61	0.61
1,2,4,5-Tetrachlorobenzene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Tetrachloroethylene	5.0 µg/L	26	0.05	0.05	8	0.00	0.00
2,3,4,6-Tetrachlorophenol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Thallium	55.0 µg/L	7	0.00	0.00	1	0.00	0.00
Tin	70.0 µg/L	16	0.00	0.00	9	0.00	0.00
Toluene	5.0 µg/L	21	0.00	0.00	8	0.00	0.00
o-Toluidine	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Total dissolved solids	51,000 µg/L	17	0.71	0.66	9	13.21	8.36
Total organic carbon	5,000 µg/L	6	0.00	0.00	9	10.34	5.80
Total organic halogens	120 µg/L	10	0.00	0.00	9	1.21	1.21
Total phosphates (as P)	67.0 µg/L	9	1.06	1.06	0	—	—
1,2,4-Trichlorobenzene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Trichloroethylene	5.0 µg/L	25	0.46	0.36	9	0.20	0.18
Trichlorofluoromethane	5.0 µg/L	21	0.00	0.00	8	0.00	0.00
2,4,5-Trichlorophenol	104 µg/L	10	0.00	0.00	1	0.00	0.00
2,4,6-Trichlorophenol	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
1,3,5-Trinitrobenzene	40.0 µg/L	10	0.00	0.00	1	0.00	0.00
Vanadium	6.9 µg/L	7	1.07	0.50	1	0.00	0.00
Zinc	53.0 µg/L	17	0.15	0.05	9	0.00	0.00

† No detection limit, or no replicate or duplicate results below detection limit.
— No replicate or duplicate analyses could be calculated.

Note: An MRD of 0.00 indicates no difference between any of the pairs of results used in calculating the MRD. MRD results greater than or equal to 20 appear in **bold**.

Table 24. Intralaboratory MRD Indices for ML

Analyte	RDL	In-house Duplicates: Number of Dup. Pairs	In-house Duplicates: MRD	In-house Duplicates: MRDadj	Blind Replicates: Number of Dup. Pairs	Blind Replicates: MRD	Blind Replicates: MRDadj
Acenaphthene	2.12 µg/L	0	—	—	1	0.00	0.00
Acenaphthylene	2.12 µg/L	0	—	—	1	0.00	0.00
Aluminum	†	0	—	—	2	**33.25**	33.25
Anthracene	2.12 µg/L	0	—	—	1	0.00	0.00
Arsenic	20 µg/L	0	—	—	2	0.00	0.00
Barium	†	0	—	—	2	3.33	3.33
Benzo[*a*]anthracene	2.12 µg/L	0	—	—	1	0.00	0.00
Benzo[*b*]fluoranthene	2.12 µg/L	0	—	—	1	0.00	0.00
Benzo[*k*]fluoranthene	2.12 µg/L	0	—	—	1	0.00	0.00
Benzoic acid	10.6 µg/L	0	—	—	1	0.00	0.00
Benzo[*g,h,i*]perylene	2.12 µg/L	0	—	—	1	0.00	0.00
Benzo[*a*]pyrene	2.12 µg/L	0	—	—	1	0.00	0.00
Benzyl alcohol	2.12 µg/L	0	—	—	1	0.00	0.00
Beryllium	5.0 µg/L	0	—	—	2	0.00	0.00
Bis(2-chloroethoxy) methane	2.12 µg/L	0	—	—	1	0.00	0.00
Bis(2-chloroethyl) ether	1.9 µg/L	0	—	—	1	0.00	0.00
Bis(2-chloroisopropyl) ether	2.12 µg/L	0	—	—	1	0.00	0.00
Bis(2-ethylhexyl) phthalate	5.29 µg/L	0	—	—	1	0.00	0.00
4-Bromophenyl phenyl ether	2.12 µg/L	0	—	—	1	0.00	0.00

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Butylbenzyl phthalate	2.12 µg/L	0	—	—	1	0.00	0.00
Cadmium	25 µg/L	0	—	—	2	0.00	0.00
Calcium	†	0	—	—	2	2.58	2.58
Carbon tetrachloride	200 µg/L	0	—	—	3	0.00	0.00
4-Chloroaniline	10.6 µg/L	0	—	—	1	0.00	0.00
Chlorobenzene	2.0 µg/L	0	—	—	3	0.00	0.00
4-Chloro-m-cresol	5.29 µg/L	0	—	—	1	0.00	0.00
Chloroethene	200 µg/L	0	—	—	3	0.00	0.00
Chloroform	200 µg/L	0	—	—	3	0.00	0.00
2-Chloronaphthalene	2.12 µg/L	0	—	—	1	0.00	0.00
2-Chlorophenol	5.29 µg/L	0	—	—	1	0.00	0.00
4-Chlorophenyl phenyl ether	2.12 µg/L	0	—	—	1	0.00	0.00
Chromium	30 µg/L	0	—	—	2	0.00	0.00
Chrysene	2.12 µg/L	0	—	—	1	0.00	0.00
Cobalt	20 µg/L	0	—	—	2	0.00	0.00
Copper	60 µg/L	0	—	—	2	0.00	0.00
o-Cresol	5.29 µg/L	0	—	—	1	0.00	0.00
p-Cresol	5.29 µg/L	0	—	—	1	0.00	0.00
Dibenz[*a,h*]anthracene	2.12 µg/L	0	—	—	1	0.00	0.00
Dibenzofuran	2.12 µg/L	0	—	—	1	0.00	0.00
Di-n-butyl phthalate	2.12 µg/L	0	—	—	1	0.00	0.00
1,2-Dichlorobenzene	2.12 µg/L	0	—	—	1	0.00	0.00
1,3-Dichlorobenzene	2.12 µg/L	0	—	—	1	0.00	0.00
1,4-Dichlorobenzene	2.12 µg/L	0	—	—	1	0.00	0.00
3,3′-Dichlorobenzidine	21.2 µg/L	0	—	—	1	0.00	0.00
1,1-Dichloroethane	200 µg/L	0	—	—	3	0.00	0.00
1,1-Dichloroethylene	200 µg/L	0	—	—	3	0.00	0.00
1,2-Dichloroethylene	200 µg/L	0	—	—	3	0.00	0.00
Dichloromethane	2,000 µg/L	0	—	—	3	0.00	0.00
2,4-Dichlorophenol	5.29 µg/L	0	—	—	1	0.00	0.00
1,2-Dichloropropane	200 µg/L	0	—	—	3	0.00	0.00
Diethyl phthalate	2.12 µg/L	0	—	—	1	0.00	0.00
2,4-Dimethyl phenol	5.29 µg/L	0	—	—	1	0.00	0.00
Dimethyl phthalate	2.12 µg/L	0	—	—	1	0.00	0.00
2,4-Dinitrophenol	10.6 µg/L	0	—	—	1	0.00	0.00
2,4-Dinitrotoluene	2.12 µg/L	0	—	—	1	0.00	0.00
2,6-Dinitrotoluene	2.12 µg/L	0	—	—	1	0.00	0.00
Di-n-octyl phthalate	2.12 µg/L	0	—	—	1	0.00	0.00
Fluoranthene	2.12 µg/L	0	—	—	1	0.00	0.00
Fluorene	2.12 µg/L	0	—	—	1	0.00	0.00
Gross alpha	7.37E-09 µCi/mL	0	—	—	1	0.00	0.00
Hexachlorobenzene	2.12 µg/L	0	—	—	1	0.00	0.00
Hexachlorobutadiene	2.12 µg/L	0	—	—	1	0.00	0.00
Hexachlorocyclopentadiene	2.12 µg/L	0	—	—	1	0.00	0.00
Hexachloroethane	2.12 µg/L	0	—	—	1	0.00	0.00
Indeno[1,2,3-*c,d*]pyrene	2.12 µg/L	0	—	—	1	0.00	0.00
Iron	40 µg/L	0	—	—	2	**29.80**	29.80
Isophorone	2.12 µg/L	0	—	—	1	0.00	0.00
Lead	20 µg/L	0	—	—	2	0.00	0.00
Magnesium	†	0	—	—	2	2.30	2.30
Manganese	†	0	—	—	2	4.22	4.22
Mercury	0.20 µg/L	0	—	—	2	0.00	0.00
2-Methyl-4,6-dinitrophenol	10.6 µg/L	0	—	—	1	0.00	0.00
2-Methylnaphthalene	2.12 µg/L	0	—	—	1	0.00	0.00
Naphthalene	2.12 µg/L	0	—	—	1	0.00	0.00
Nickel	60 µg/L	0	—	—	2	0.00	0.00

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj	Blind Replicates Number of Dup. Pairs	MRD	MRDadj
m-Nitroaniline	5.29 µg/L	0	—	—	1	0.00	0.00
o-Nitroaniline	5.29 µg/L	0	—	—	1	0.00	0.00
p-Nitroaniline	25.4 µg/L	0	—	—	1	0.00	0.00
Nitrobenzene	2.12 µg/L	0	—	—	1	0.00	0.00
2-Nitrophenol	5.29 µg/L	0	—	—	1	0.00	0.00
4-Nitrophenol	10.6 µg/L	0	—	—	1	0.00	0.00
N-Nitrosodiphenylamine	2.12 µg/L	0	—	—	1	0.00	0.00
N-Nitrosodipropylamine	5.29 µg/L	0	—	—	1	0.00	0.00
Nonvolatile beta	7.92E-09 µCi/mL	0	—	—	1	0.00	0.00
Pentachlorophenol	10.6 µg/L	0	—	—	1	0.00	0.00
Phenanthrene	2.12 µg/L	0	—	—	1	0.00	0.00
Phenol	5.29 µg/L	0	—	—	1	0.00	0.00
Potassium	1,870 µg/L	0	—	—	2	0.00	0.00
Pyrene	2.12 µg/L	0	—	—	1	0.00	0.00
Selenium	40 µg/L	0	—	—	2	0.00	0.00
Silver	50 µg/L	0	—	—	2	0.00	0.00
Sodium	†	0	—	—	2	3.65	3.65
Tetrachloroethylene	1.0 µg/L	0	—	—	3	**24.99**	19.45
Thallium	20 µg/L	0	—	—	2	0.00	0.00
Toluene	200 µg/L	0	—	—	3	0.00	0.00
1,2,4-Trichlorobenzene	1.43 µg/L	0	—	—	1	0.00	0.00
Trichloroethylene	†	0	—	—	3	**21.79**	21.79
2,4,5-Trichlorophenol	5.29 µg/L	0	—	—	1	0.00	0.00
2,4,6-Trichlorophenol	5 29 µg/L	0	—	—	1	0.00	0.00
Tritium	8.62E-07 µCi/mL	0	—	—	1	0.00	0.00
Vanadium	30 µg/L	0	—	—	2	0.00	0.00
Zinc	30 µg/L	0	—	—	2	0.00	0.00

† No detection limit, or no replicate or duplicate results below detection limit.
— No replicate or duplicate analyses could be calculated.

Note: An MRD of 0.00 indicates no difference between any of the pairs of results used in calculating the MRD. MRD results greater than or equal to 20 appear in **bold**.

Table 25. Intralaboratory MRD Indices for GP

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj	Blind Replicates Number of Dup. Pairs	MRD	MRDadj
Americium-241	5.75E-10 µCi/mL	9	0.00	0.00	3	10.66	3.81
Carbon-14	1.4E-08 µCi/mL	18	6.69	3.13	11	**27.08**	18.16
Cesium-134	3.89E-09 µCi/mL	10	0.00	0.00	4	0.00	0.00
Cesium-137	4.2E-09 µCi/mL	10	0.00	0.00	4	9.30	3.43
Curium-245/246	2.9E-10 µCi/mL	10	0.00	0.00	3	0.00	0.00
Europium-155	1.29E-08 µCi/mL	11	0.00	0.00	3	0.00	0.00
Gross alpha	1.33E-09 µCi/mL	37	8.25	6.22	19	**20.46**	17.58
Iodine-129	1.554E-09 µCi/mL	10	6.73	4.38	3	13.21	8.80
Lead-212	7.143E-09 µCi/mL	10	0.00	0.00	4	3.23	1.04

Analyte	RDL	In-house Duplicates: Number of Dup. Pairs	In-house Duplicates: MRD	In-house Duplicates: MRDadj	Blind Replicates: Number of Dup. Pairs	Blind Replicates: MRD	Blind Replicates: MRDadj
Nonvolatile beta	2.15E-09 µCi/mL	34	7.12	4.79	23	11.55	8.82
Potassium-40	5.16E-08 µCi/mL	10	7.10	2.56	3	0.00	0.00
Radium, total alpha-emitting	6.76E-10 µCi/mL	2	5.88	2.22	1	**28.43**	9.94
Radium-226	9.96E-10 µCi/mL	18	11.13	5.88	10	19.83	11.72
Radium-228	1.15E-09 µCi/mL	16	1.90	0.64	11	0.23	0.07
Strontium-89/90	1.2878E-09 µCi/mL	5	19.97	11.59	2	6.15	4.17
Strontium-90	1.46E-09 µCi/mL	10	2.43	2.43	9	0.00	0.00
Technetium-99	2.25058E-08 µCi/mL	9	1.08	0.50	4	0.00	0.00
Thorium-230	3.57E-10 µCi/mL	7	0.47	0.14	4	11.82	4.64
Tritium	6.44E-07 µCi/mL	25	3.12	3.00	21	8.05	7.15
Uranium-233/234	4.47E-10 µCi/mL	10	1.88	1.88	4	1.99	1.99
Uranium-235	2.63E-10 µCi/mL	9	3.79	2.93	4	0.27	0.17
Uranium-238	3.0E-10 µCi/mL	10	3.94	2.86	4	0.81	0.81
Zinc-65	8.995E-09 µCi/mL	10	0.00	0.00	4	18.54	8.84

- No replicate or duplicate analyses could be calculated.

Note: An MRD of 0.00 indicates no difference between any of the pairs of results used in calculating the MRD. MRD results greater than or equal to 20 appear in **bold.**

Table 26. Intralaboratory MRD Indices for TM

Analyte	RDL	In-house Duplicates: Number of Dup. Pairs	In-house Duplicates: MRD	In-house Duplicates: MRDadj	Blind Replicates: Number of Dup. Pairs	Blind Replicates: MRD	Blind Replicates: MRDadj
Antimony-124	1.037E-08 µCi/mL	4	18.23	8.61	0	—	—
Cesium-134	9.43E-09 µCi/mL	4	18.60	8.88	0	—	—
Cesium-137	9.57E-09 µCi/mL	4	0.00	0.00	0	—	—
Europium-155	1.042E-08 µCi/mL	4	3.71	3.71	0	—	—
Gross alpha	1.58E-09 µCi/mL	30	8.16	5.54	4	16.83	8.83
Iodine-129	1.452E-08 µCi/mL	3	2.86	2.31	0	—	—
Lead-212	1.608E-08 µCi/mL	4	0.00	0.00	0	—	—
Nonvolatile beta	3.39E-09 µCi/mL	29	7.09	4.76	2	3.56	1.11
Potassium-40	1.179E-07 µCi/mL	4	0.00	0.00	0	—	—
Radium, total alpha-emitting	†	1	17.78	17.78	0	—	—
Radium-226	4.5E-10 µCi/mL	8	13.19	6.17	0	—	—
Radium-228	1.88E-09 µCi/mL	8	7.16	5.07	0	—	—
Strontium-90	1.81E-09 µCi/mL	8	4.74	4.74	0	—	—
Technetium-99	1.468E-08 µCi/mL	4	**27.53**	16.83	0	—	—
Tritium	1.28E-06 µCi/mL	34	18.22	15.34	0	—	—
Zinc-65	2.038E-08 µCi/mL	4	0.00	0.00	0	—	—

† No detection limit, or no replicate or duplicate results below detection limit.
— No replicate or duplicate analyses could be calculated.

Note: An MRD of 0.00 indicates no difference between any of the pairs of results used in calculating the MRD. MRD results greater than or equal to 20 appear in **bold.**

Table 27. Interlaboratory MRD and t-test Results for Analytes with at Least One Pair of Results above the RDL for EX and WA

Analyte	*RDL*	*Unit*	*MRD*	t-test *Probability*
Barium	10.0	µg/L	***0.00***	—
Boron	266	µg/L	9.69	.187
Carbon tetrachloride	5.0	µg/L	***0.00***	—
Chlorobenzene	5.0	µg/L	3.11	.374
Chloroethene	10.0	µg/L	0.98	.374
Chloroform	5.0	µg/L	***0.00***	—
1,4-Dichlorobenzene	20.0	µg/L	7.08	.500
1,1-Dichloroethane	5.0	µg/L	1.92	.374
cis-1,2-Dichloroethylene	25.0	µg/L	***0.00***	—
Dichloromethane	11.0	µg/L	***0.00***	—
Iron	74.0	µg/L	**21.01**	—
Lead	47.0	µg/L	***0.00***	—
Manganese	10.0	µg/L	3.41	.391
Mercury	0.7	µg/L	***0.00***	—
Nitrate as nitrogen	100	µg/L	**91.28**	.499
Nitrate-nitrite as nitrogen	500	µg/L	8.02	.426
Tetrachloroethylene	5.0	µg/L	***0.00***	—
Trichloroethylene	5.0	µg/L	4.13	.374
Trichlorofluoromethane	5.0	µg/L	10.13	.374

— Could not calculate because there are no differences between pairs.

Note: Values less than .050 indicate a probability of less than 1 in 20 that the results for that analyte are the same from both laboratories. MRD results greater than or equal to 20 appear in **bold**; results less than or equal to 0.05 appear in ***bold italic***.

Table 28. Interlaboratory MRD and t-test Results for Analytes with at Least One Pair of Results above the RDL for GE and WA

Analyte	*RDL*	*Unit*	*MRD*	t-test *Probability*
Acenaphthene	40.0	µg/L	***0.00***	—
Acenaphthylene	40.0	µg/L	***0.00***	—
Acetophenone	40.0	µg/L	***0.00***	—
2-Acetylaminofluorene	40.0	µg/L	***0.00***	—
Alkalinity (as $CaCO_3$)	35,400	µg/L	**29.37**	.067
Aluminum	146	µg/L	10.87	.398
4-Aminobiphenyl	40.0	µg/L	***0.00***	—
Aniline	40.0	µg/L	***0.00***	—
Anthracene	40.0	µg/L	***0.00***	—
Aramite	80.0	µg/L	***0.00***	—
Arsenic	40.0	µg/L	***0.00***	—
Barium	5.0	µg/L	10.91	.306
Benzo[a]anthracene	40.0	µg/L	***0.00***	—
Benzo[b]fluoranthene	40.0	µg/L	***0.00***	—
Benzo[k]fluoranthene	40.0	µg/L	***0.00***	—
Benzo[g,h,i]perylene	40.0	µg/L	***0.00***	—
Benzo[a]pyrene	40.0	µg/L	***0.00***	—

Analyte	RDL	Unit	MRD	t-test Probability
Benzyl alcohol	40.0	µg/L	*0.00*	—
Beryllium	5.0	µg/L	2.36	.341
Bis(2-chloroethoxy) methane	40.0	µg/L	*0.00*	—
Bis(2-chloroethyl) ether	40.0	µg/L	*0.00*	—
Bis(2-chloroisopropyl) ether	40.0	µg/L	*0.00*	—
Bis(2-ethylhexyl) phthalate	22.0	µg/L	15.16	.391
4-Bromophenyl phenyl ether	40.0	µg/L	*0.00*	—
Butylbenzyl phthalate	40.0	µg/L	*0.00*	—
2-sec-Butyl-4,6-dinitrophenol	200	µg/L	*0.00*	—
Cadmium	5.0	µg/L	2.79	.331
Calcium	471	µg/L	*0.00*	—
Carbon tetrachloride	5.0	µg/L	*0.00*	—
4-Chloroaniline	40.0	µg/L	*0.00*	—
Chlorobenzilate	40.0	µg/L	*0.00*	—
4-Chloro-m-cresol	40.0	µg/L	*0.00*	—
Chloroethene	10.0	µg/L	*0.00*	—
Chloroform	5.0	µg/L	0.93	.337
2-Chloronaphthalene	40.0	µg/L	*0.00*	—
2-Chlorophenol	40.0	µg/L	*0.00*	—
4-Chlorophenyl phenyl ether	40.0	µg/L	*0.00*	—
Chromium	7.0	µg/L	5.94	.885
Chrysene	40.0	µg/L	*0.00*	—
Cobalt	5.0	µg/L	0.27	.391
Copper	15.0	µg/L	1.27	.339
o-Cresol	40.0	µg/L	*0.00*	—
Diallate	40.0	µg/L	*0.00*	—
Dibenz[*a,h*]anthracene	40.0	µg/L	*0.00*	—
Dibenzofuran	40.0	µg/L	*0.00*	—
Di-n-butyl phthalate	20.0	µg/L	*0.00*	—
1,2-Dichlorobenzene	40.0	µg/L	*0.00*	—
1,3-Dichlorobenzene	40.0	µg/L	*0.00*	—
1,4-Dichlorobenzene	20.0	µg/L	*0.00*	—
3,3′-Dichlorobenzidine	80.0	µg/L	*0.00*	—
Dichlorodifluoromethane	50.0	µg/L	*0.00*	—
1,1-Dichloroethane	5.0	µg/L	1.07	.339
1,1-Dichloroethylene	5.0	µg/L	*0.00*	—
Dichloromethane	8.06	µg/L	0.23	.341
2,4-Dichlorophenol	40.0	µg/L	*0.00*	—
2,6-Dichlorophenol	40.0	µg/L	*0.00*	—
1,2-Dichloropropane	5.0	µg/L	*0.00*	—
Diethyl phthalate	40.0	µg/L	*0.00*	—
2,4-Dimethyl phenol	40.0	µg/L	*0.00*	—
Dimethyl phthalate	40.0	µg/L	*0.00*	—
p-Dimethylaminoazobenzene	40.0	µg/L	*0.00*	—
7,12-Dimethylbenz[*a*]anthracene	40.0	µg/L	*0.00*	—
3,3′-Dimethylbenzidine	40.0	µg/L	*0.00*	—
a,a-Dimethylphenethylamine	40.0	µg/L	*0.00*	—
1,3-Dinitrobenzene	40.0	µg/L	*0.00*	—
2,4-Dinitrophenol	104	µg/L	*0.00*	—
2,4-Dinitrotoluene	40.0	µg/L	*0.00*	—
2,6-Dinitrotoluene	40.0	µg/L	*0.00*	—
Di-n-octyl phthalate	40.0	µg/L	*0.00*	—
1,4-Dioxane	20.0	µg/L	150.74	—
Diphenylamine	40.0	µg/L	*0.00*	—
Ethyl methacrylate	20.0	µg/L	*0.00*	—
Ethyl methanesulfonate	40.0	µg/L	*0.00*	—

Analyte	RDL	Unit	MRD	t-test Probability
Fluoranthene	40.0	µg/L	*0.00*	—
Fluorene	40.0	µg/L	*0.00*	—
Fluoride	91.1	µg/L	1.42	—
Hexachlorobenzene	40.0	µg/L	*0.00*	—
Hexachlorobutadiene	40.0	µg/L	*0.00*	—
Hexachlorocyclopentadiene	40.0	µg/L	*0.00*	—
Hexachloroethane	40.0	µg/L	*0.00*	—
Hexachlorophene	1,000	µg/L	*0.00*	—
Hexachloropropene	40.0	µg/L	*0.00*	—
Indeno[1,2,3-*c,d*]pyrene	40.0	µg/L	*0.00*	—
Iron	74.0	µg/L	**28.22**	.424
Isophorone	40.0	µg/L	*0.00*	—
Isosafrole	40.0	µg/L	*0.00*	—
Lead	47.0	µg/L	*0.00*	—
Lithium	2.7	µg/L	4.79	.948
Magnesium	74.0	µg/L	16.19	—
Manganese	10.0	µg/L	**46.94**	—
Mercury	0.7	µg/L	2.02	.875
Methapyrilene	40.0	µg/L	*0.00*	—
2-Methyl-4,6-dinitrophenol	104	µg/L	*0.00*	—
Methyl methacrylate	40.0	µg/L	*0.00*	—
Methyl methanesulfonate	40.0	µg/L	*0.00*	—
3-Methylcholanthrene	40.0	µg/L	*0.00*	—
2-Methylnaphthalene	40.0	µg/L	*0.00*	—
Naphthalene	40.0	µg/L	*0.00*	—
1,4-Naphthoquinone	40.0	µg/L	*0.00*	—
1-Naphthylamine	40.0	µg/L	*0.00*	—
2-Naphthylamine	40.0	µg/L	*0.00*	—
Nickel	26.0	µg/L	0.16	.339
Nitrate-nitrite as nitrogen	180	µg/L	13.02	.077
m-Nitroaniline	104	µg/L	*0.00*	—
o-Nitroaniline	104	µg/L	*0.00*	—
p-Nitroaniline	104	µg/L	*0.00*	—
Nitrobenzene	40.0	µg/L	*0.00*	—
2-Nitrophenol	40.0	µg/L	*0.00*	—
4-Nitrophenol	104	µg/L	*0.00*	—
4-Nitroquinoline-1-oxide	80.0	µg/L	*0.00*	—
N-Nitrosodi-n-butylamine	40.0	µg/L	*0.00*	—
N-Nitrosodiethylamine	40.0	µg/L	*0.00*	—
N-Nitrosodimethylamine	40.0	µg/L	*0.00*	—
N-Nitrosodiphenylamine	40.0	µg/L	*0.00*	—
N-Nitrosodipropylamine	40.0	µg/L	*0.00*	—
N-Nitrosomethylethylamine	40.0	µg/L	*0.00*	—
N-Nitrosomorpholine	40.0	µg/L	*0.00*	—
N-Nitrosopiperidine	200	µg/L	*0.00*	—
N-Nitrosopyrrolidine	40.0	µg/L	*0.00*	—
5-Nitro-o-toluidine	40.0	µg/L	*0.00*	—
Pentachlorobenzene	40.0	µg/L	*0.00*	—
Pentachloroethane	20.0	µg/L	*0.00*	—
Pentachloronitrobenzene	200	µg/L	*0.00*	—
Pentachlorophenol	104	µg/L	*0.00*	—
Phenacetin	40.0	µg/L	*0.00*	—
Phenanthrene	40.0	µg/L	*0.00*	—
Phenol	40.0	µg/L	*0.00*	—
Phenols	37.0	µg/L	0.83	.343
p-Phenylenediamine	40.0	µg/L	*0.00*	—
2-Picoline	40.0	µg/L	*0.00*	—

Analyte	RDL	Unit	MRD	t-test Probability
Potassium	187	µg/L	9.02	—
Pronamid	40.0	µg/L	***0.00***	—
Pyrene	40.0	µg/L	***0.00***	—
Pyridine	40.0	µg/L	***0.00***	—
Safrole	40.0	µg/L	***0.00***	—
Selenium	66.0	µg/L	***0.00***	—
Silver	5.0	µg/L	***0.00***	—
Specific conductance	127	µS/cm	18.25	.258
Sulfate	561	µg/L	13.46	.376
1,2,4,5-Tetrachlorobenzene	40.0	µg/L	***0.00***	—
Tetrachloroethylene	5.0	µg/L	0.66	.341
2,3,4,6-Tetrachlorophenol	40.0	µg/L	***0.00***	—
Thallium	55.0	µg/L	***0.00***	—
Tin	100	µg/L	***0.00***	—
Toluene	5.0	µg/L	11.78	.341
o-Toluidine	40.0	µg/L	***0.00***	—
Total dissolved solids	51,000	µg/L	**34.49**	.573
Total organic carbon	5,000	µg/L	6.74	.347
Total organic halogens	120	µg/L	5.41	.347
Total phosphates (as P)	67.0	µg/L	***0.00***	—
1,2,4-Trichlorobenzene	40.0	µg/L	***0.00***	—
Trichloroethylene	5.0	µg/L	5.12	.286
2,4,5-Trichlorophenol	104	µg/L	***0.00***	—
2,4,6-Trichlorophenol	40.0	µg/L	***0.00***	—
1,3,5-Trinitrobenzene	40.0	µg/L	***0.00***	—
Vanadium	10.0	µg/L	**26.94**	.391
Zinc	53.0	µg/L	***0.00***	—

— Could not calculate because there are no differences between pairs.

Note: Values less than .050 indicate a probability of less than 1 in 20 that the results for that analyte are the same from both laboratories. MRD results greater than or equal to 20 appear in **bold**; results less than or equal to 0.05 appear in ***bold italic.***

Table 29. Interlaboratory MRD and t-test Results for Analytes with at Least One Pair of Results above the RDL for GP and TM

Analyte	RDL	Unit	MRD	t-test Probability
Cesium-134	6.61E-09	µCi/mL	**23.07**	.423
Cesium-137	6.94E-09	µCi/mL	8.51	.423
Europium-155	1.25E-08	µCi/mL	**23.70**	.391
Gross alpha	1.49E-09	µCi/mL	**24.20**	.342
Iodine-129	1.408E-08	µCi/mL	4.84	.423
Lead-212	1.053E-08	µCi/mL	***0.00***	—
Nonvolatile beta	2.24E-09	µCi/mL	17.53	.418
Potassium-40	7.687E-08	µCi/mL	0.09	.391
Radium, total alpha-emitting	6.76E-10	µCi/mL	**132.72**	—
Radium-226	9.9E-10	µCi/mL	18.67	.107
Radium-228	1.72E-09	µCi/mL	**29.47**	.304
Strontium-90	1.67E-09	µCi/mL	**29.30**	.222

Analyte	*RDL*	*Unit*	*MRD*	t-test *Probability*
Technetium-99	2.25058E-08	µCi/mL	**60.80**	.366
Tritium	6.64E-07	µCi/mL	**38.46**	.325
Zinc-65	1.512E-08	µCi/mL	1.92	.423

† No detection limit, or no replicate or duplicate results below detection limit.
— Could not calculate because there are no differences between pairs.

Note: Values less than .050 indicate a probability of less than 1 in 20 that the results for that analyte are the same from both laboratories. MRD results greater than or equal to 20 appear in **bold**; results less than or equal to 0.05 appear in ***bold italic***.

Table 30. GE Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	*Wells*
Aluminum	ARP 3
Barium	ARP 3
Bis(2-ethylhexyl) phthalate	CSL 24D
Chromium	ARP 3
Copper	FSB 78A
Iron	ARP 3
pH	HSB 85A
Specific conductance	HSB 85A
Sulfate	ARP 3
Toluene	ARP 3

Table 31. WA Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	*Wells*
Chromium	BGO 35C
Iron	BGO 18A, BGO 47A
Total dissolved solids	BGO 37C
Total organic carbon	BGO 6A

Table 32. WA Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	*Wells*
Iron	BGO 15D

Table 33. GP Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Carbon-14	BGO 6A
Gross alpha	ARP 3, HSB 68A
Nonvolatile beta	FSB 78A, HSB 68A
Radium-226	BGO 35C
Tritium	BGO 47A
Zinc-65	FIN 2TK

Table 34. GP Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Radium-226	BGO 43D

Table 35. TM Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Antimony-124	FIN 2TK
Cesium-134	FIN 2TK
Nonvolatile beta	BGO 6A
Radium-226	BGO 37C
Technetium-99	HIN600TK
Tritium	BGO 16AR, LFW 69D

Table 36. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between EX and WA

Analyte	Wells
Nitrate as nitrogen	XSB 4D

Table 37. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GE and WA

Analyte	Wells
Alkalinity (as $CaCO_3$)	BGO 16AR, BGO 18A
Aluminum	ARP 3
Barium	ARP 3

Analyte	Wells
1,4-Dioxane	BGO 37C
Iron	ARP 3, FSB 95CR, FSB114C
Nitrate-nitrite as nitrogen	ARP 3
Specific conductance	HSB 85A
Sulfate	ARP 3
Toluene	ARP 3
Total dissolved solids	BGO 8C, BGO 10AR
Vanadium	HIN600TK

Table 38. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GP and TM

Analyte	Wells
Cesium-134	FIN 2TK
Europium-155	BGO 37C
Gross alpha	HSB 68A, LFW 43B, LFW 58D
Nonvolatile beta	BGO 6A, HSB 68A, HSB107C
Radium, total alpha-emitting	ARP 3
Radium-226	BGO 10AR, BGO 35C
Radium-228	FIN 2TK, HIN600TK
Strontium-90	BGO 18A, BGO 47A
Technetium-99	BGO 37C
Tritium	BGO 16AR, BGO 18A, BGO 20AA, HSB 68A, LFW 43B

Table 39. Quality Control Standards for Selected Analyses for EX

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
Acids (Lot 592)				
2-Chlorophenol (µg/L)	145	59.6–163	<10.0◆	
2,4-Dichlorophenol (µg/L)	112	47.5–123	<10.0◆	
o-Cresol (2-Methylphenol) (µg/L)	64.2	20.4–74.3	79.2◆	
Pentachlorophenol (µg/L)	44.6	13.9–56.0	39.0	
Phenol (µg/L)	59.5	15.1–73.6	<10.0◆	
2,4,5-Trichlorophenol (µg/L)	51.8	20.4–59.9	<10.0◆	
2,4,6-Trichlorophenol (µg/L)	30.4	13.1–34.8	24.9	J
Base/Neutrals (Lot 592)				
Anthracene (µg/L)	97.0	45.7–113	79.2	
Benzo(k)fluoranthene (µg/L)	28.8	10.5–36.2	25.9	
Benzo(a)pyrene (µg/L)	30.6	14.5–38.8	27.1	
Bis(2-ethylhexyl) phthalate (µg/L)	41.7	16.8–53.2	37.5	
Chrysene (µg/L)	31.2	14.4–38.3	26.3	
Dibenzofuran (µg/L)	96.5	45.9–107	54.4	
1,2-Dichlorobenzene (µg/L)	153	35.8–175	95.5	
1,3-Dichlorobenzene (µg/L)	124	28.9–147	70.0	
2,4-Dinitrotoluene (µg/L)	113	47.3–130	85.0	
Fluoranthene (µg/L)	49.2	23.0–61.3	41.9	

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
Hexachloroethane (µg/L)	29.0	11.6–36.4	20.8	
Isophorone (µg/L)	121	49.8–132	78.5	
2-Methynaphthlene (µg/L)	94.6	30.4–111	55.2	
Naphthalene (µg/L)	39.9	14.2–45.5	26.2	
Pyrene (µg/L)	69.7	32.6–84.7	55.2	
1,2,4-Trichlorobenzene (µg/L)	103	30.0–117	53.3	
Cations (Lot 440)				
Calcium (µg/L)	42,000	35,700–48,300	<1,000◆	
Magnesium (µg/L)	35,200	29,900–40,500	<1,000◆	
Potassium (µg/L)	20,200	17,200–23,200	21,900	
Sodium (µg/L)	56,400	47,900–64,900	62,000	
Cyanide and Phenol (Lot 9994)				
Cyanide, total (µg/L)	840	613–1,070	894	
Phenol (µg/L)	83.5	63.5–104	71.0	J
Grease and Oil (Lot 9991)				
Grease and oil (gravimetric) (mg/bottle)	73.4	44.0–91.8	52.0	
Inorganics (Lot 3431)				
Alkalinity (as $CaCO_3$) (µg/L)	121,000	113,000–136,000	122,000	
Bromide (µg/L)	3,140	2,690–3,510	3,390	
Chloride (µg/L)	32,100	28,500–36,200	31,000	
Fluoride (µg/L)	5,140	4,630–5,650	5,080	
Nitrate as nitrogen (µg/L)	6,110	5,500–6,720	6,220	
pH (pH units)	9.24	9.04–9.44	9.15	
Potassium (µg/L)	29,200	25,100–34,100	33,400	
Sodium (µg/L)	90,900	82,100–101,000	107,000◆	
Specific conductance (µS/cm)	455	381–518	481	
Sulfate (µg/L)	29,900	25,600–33,800	28,400	
Total dissolved solids (µg/L)	450,000	369,000–504,000	440,000	
Nutrients (Lot 9994)				
Ammonia as nitrogen (µg/L)	12,100	10,200–14,000	13,000	
Nitrate-nitrite as nitrogen (µg/L)	23,700	21,100–26,300	23,300	
Total phosphates (as P) (µg/L)	879	747–1,010	838	
PCBs (Lot 592)				
PCB 1254 (µg/L)	2.00	1.20–2.51	1.90	
Pesticides (Lot 592)				
Aldrin (µg/L)	1.12	0.581–1.38	0.96	
alpha-Benzene hexachloride (µg/L)	4.61	2.56–5.87	3.80	
beta-Benzene hexachloride (µg/L)	5.86	3.13–7.41	5.40	
alpha-Chlordane (µg/L)	6.98	4.22–8.64	6.20	
4,4'-DDD (µg/L)	2.92	1.79–3.79	2.90	
4,4'-DDE (µg/L)	3.07	1.79–3.84	3.00	
4,4'-DDT (µg/L)	6.36	3.70–7.99	5.80	
Dieldrin (µg/L)	4.20	2.60–5.43	4.30	
Endrin (µg/L)	7.58	4.75–9.78	6.60	
Heptachlor (µg/L)	2.69	1.22–3.33	2.30	
Heptachlor epoxide (µg/L)	2.56	1.58–3.13	2.40	
Methoxychlor (µg/L)	9.10	5.19–12.3	10.0	

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
Pesticides/Herbicides (Lot 3227)				
2-sec-Butyl-4,6-dinitrophenol (µg/L)	4.24	1.39–5.48	0.63◆	J
2,4-Dichlorophenoxyacetic acid (µg/L)	5.92	2.96–8.88	5.00	
2,4,5-TP (Silvex) (µg/L)	4.90	2.45–7.35	4.30	
Total Petroleum Hydrocarbons (Lot 8923)				
Total petroleum hydrocarbons, infrared (mg/bottle)	91.2	56.8–118	93.0	
Toxaphene (Lot 3231)				
Toxaphene (µg/L)	10.5	5.78–15.2	9.6	
Trace Metals (Lot 9994)				
Aluminum (µg/L)	1,540	1,260–1,820	1,610	
Antimony (µg/L)	451	338–532	481	
Arsenic (µg/L)	150	113–177	147	
Barium (µg/L)	505	414–596	563	
Beryllium (µg/L)	89.0	73.0–105	92.5	
Boron (µg/L)	255	209–319	342◆	
Cadmium (µg/L)	616	505–727	593	
Chromium (µg/L)	647	531–763	672	
Cobalt (µg/L)	141	116–166	147	
Copper (µg/L)	376	308–444	388	
Iron (µg/L)	240	197–283	248	
Lead (µg/L)	803	658–948	784	
Manganese (µg/L)	2,630	2,160–3,100	2,700	
Mercury (µg/L)	21.0	15.8–26.2	19.9	
Molybdenum (µg/L)	593	486–700	606	
Nickel (µg/L)	2630	2,160–3,100	2,720	
Selenium (µg/L)	230	173–271	225	
Silver (µg/L)	489	401–577	485	
Strontium (µg/L)	253	207–299	276	
Thallium (µg/L)	139	104–164	137	
Vanadium (µg/L)	2,060	1,690–2,430	2,090	
Zinc (µg/L)	1,860	1,530–2,190	1,830	
Turbidity (Lot 3431)				
Turbidity (NTU)	3.20	2.72–3.74	3.00	
Volatiles (Lot 592)				
Benzene (µg/L)	21.0	16.3–26.2	23.0	
Bromodichloromethane (µg/L)	41.1	31.6–51.2	48.0	
Bromoform (µg/L)	34.2	25.0–44.0	39.0	
Carbon tetrachloride (µg/L)	53.5	39.3–66.6	58.0	
Chlorobenzene (µg/L)	21.2	16.6–25.4	23.0	
Chloroform (µg/L)	24.9	19.1–30.5	28.0	
Dibromochloromethane (µg/L)	41.0	31.0–50.5	46.0	
1,2-Dichlorobenzene (µg/L)	43.9	33.3–53.9	49.0	
1,3-Dichlorobenzene (µg/L)	27.5	21.0–33.1	30.0	
1,4-Dichlorobenzene (µg/L)	31.7	23.8–38.6	35.0	
1,2-Dichloroethane (µg/L)	38.8	30.3–48.8	42.0	
Dichloromethane (Methylene chloride) (µg/L)	35.8	25.3–46.6	34.0	
Ethylbenzene (µg/L)	25.6	19.2–29.9	28.0	
4-Methyl-2-pentanone (MIBK) (µg/L)	20.4	11.8–27.8	21.0	
Styrene (µg/L)	25.5	17.7–31.0	27.0	

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
1,1,1,2-Tetrachloroethane (µg/L)	66.1	48.8–82.3	75.0	
Tetrachloroethylene (µg/L)	23.6	17.4–28.5	25.0	
Toluene (µg/L)	38.4	29.6–46.3	42.0	
1,1,1-Trichloroethane (µg/L)	42.6	30.8–50.8	44.0	
Trichloroethylene (µg/L)	55.3	41.0–66.9	60.0	

◆ Result is out of range.
❖ Value not reported by laboratory.
J The analytical result is an estimated quantity.

Table 40. Quality Control Standards for Selected Analyses for GE

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Acids (Lot 592)				
2-Chlorophenol (µg/L)	145	59.6–163	110	
2,4-Dichlorophenol (µg/L)	112	47.5–123	69.4	
o-Cresol (2-Methylphenol) (µg/L)	64.2	20.4–74.3	38.3	
Pentachlorophenol (µg/L)	44.6	13.9–56.0	24.2	
Phenol (µg/L)	59.5	15.1–73.6	17.0	
2,4,5-Trichlorophenol (µg/L)	51.8	20.4–59.9	35.9	
2,4,6-Trichlorophenol (µg/L)	30.4	13.1–34.8	19.8	
Base/Neutrals (Lot 592)				
Anthracene (µg/L)	97.0	45.7–113	85.9	
Benzo(k)fluoranthene (µg/L)	28.8	10.5–36.2	19.5	
Benzo(a)pyrene (µg/L)	30.6	14.5–38.8	23.4	
Bis(2-ethylhexyl) phthalate (µg/L)	41.7	16.8–53.2	29.1	
Chrysene (µg/L)	31.2	14.4–38.3	24.9	
Dibenzofuran (µg/L)	96.5	45.9–107	60.5	
1,2-Dichlorobenzene (µg/L)	153	35.8–175	96.7	
1,3-Dichlorobenzene (µg/L)	124	28.9–147	77.2	
2,4-Dinitrotoluene (µg/L)	113	47.3–130	76.5	
Fluoranthene (µg/L)	49.2	23.0–61.3	39.8	
Hexachloroethane (µg/L)	29.0	11.6–36.4	16.1	
Isophorone (µg/L)	121	49.8–132	79.8	
2-Methynaphthlene (µg/L)	94.6	30.4–111	59.6	
Naphthalene (µg/L)	39.9	14.2–45.5	25.5	
Pyrene (µg/L)	69.7	32.6–84.7	75.5	
1,2,4-Trichlorobenzene (µg/L)	103	30.0–117	65.5	
Cations (Lot 440)				
Calcium (µg/L)	42,000	35,700–48,300	42,300	
Magnesium (µg/L)	35,200	29,900–40,500	35,600	
Potassium (µg/L)	20,200	17,200–23,200	20,900	
Sodium (µg/L)	56,400	47,900–64,900	57,100	
Cyanide and Phenol (Lot 9994)				
Cyanide, total (µg/L)	840	613–1,070	864	
Phenol (µg/L)	83.5	63.5–104	78.8	

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Grease and Oil (Lot 9991)				
Grease and oil (gravimetric) (mg/bottle)	73.4	44.0–91.8	68.3	
Inorganics (Lot 3431)				
Alkalinity (as $CaCO_3$) (µg/L)	121,000	113,000–136,000	116,000	
Bromide (µg/L)	3,140	2,690–3,510	2,980	
Chloride (µg/L)	32,100	28,500–36,200	30,800	
Fluoride (µg/L)	5,140	4,630–5,650	4,860	
Nitrate as nitrogen (µg/L)	6,110	5,500–6,720	5,880	
pH (pH units)	9.24	9.04–9.44	9.21	
Potassium (µg/L)	29,200	25,100–34,100	29,600	
Sodium (µg/L)	90,900	82,100–101,000	93,100	
Specific conductance (µS/cm)	455	381–518	482	
Sulfate (µg/L)	29,900	25,600–33,800	29,100	
Total dissolved solids (µg/L)	450,000	369,000–504,000	412,000	
Nutrients (Lot 9994)				
Ammonia as nitrogen (µg/L)	12,100	10,200–14,000	12,600	
Nitrate-nitrite as nitrogen (µg/L)	23,700	21,100–26,300	21,500	
Total phosphates (as P) (µg/L)	879	747–1,010	810	
PCBs (Lot 592)				
PCB 1254 (µg/L)	2.00	1.20–2.51	1.25	
Pesticides (Lot 592)				
Aldrin (µg/L)	1.12	0.581–1.38	◆	
alpha-Benzene hexachloride (µg/L)	4.61	2.56–5.87	◆	
beta-Benzene hexachloride (µg/L)	5.86	3.13–7.41	◆	
alpha-Chlordane (µg/L)	6.98	4.22–8.64	◆	
4,4'-DDD (µg/L)	2.92	1.79–3.79	◆	
4,4'-DDE (µg/L)	3.07	1.79–3.84	◆	
4,4'-DDT (µg/L)	6.36	3.70–7.99	◆	
Dieldrin (µg/L)	4.20	2.60–5.43	◆	
Endrin (µg/L)	7.58	4.75–9.78	◆	
Heptachlor (µg/L)	2.69	1.22–3.33	◆	
Heptachlor epoxide (µg/L)	2.56	1.58–3.13	◆	
Methoxychlor (µg/L)	9.10	5.19–12.3	◆	
Pesticides/Herbicides (Lot 3227)				
2-sec-Butyl-4,6-dinitrophenol (µg/L)	4.24	1.39–5.48	3.33	
2,4-Dichlorophenoxyacetic acid (µg/L)	5.92	2.96–8.88	5.00	
2,4,5-TP (Silvex) (µg/L)	4.90	2.45–7.35	4.31	
Total Petroleum Hydrocarbons (Lot 8923)				
Total petroleum hydrocarbons, infrared (mg/bottle)	91.2	56.8–118	76.9	
Toxaphene (Lot 3231)				
Toxaphene (µg/L)	10.5	5.78–15.2	10.4	

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Trace Metals (Lot 9994)				
Aluminum (µg/L)	1,540	1,260–1,820	1,550	
Antimony (µg/L)	451	338–532	445	
Arsenic (µg/L)	150	113–177	144	
Barium (µg/L)	505	414–596	491	
Beryllium (µg/L)	89.0	73.0–105	86.3	
Boron (µg/L)	255	209–319	278	
Cadmium (µg/L)	616	505–727	622	
Chromium (µg/L)	647	531–763	658	
Cobalt (µg/L)	141	116–166	144	
Copper (µg/L)	376	308–444	359	
Iron (µg/L)	240	197–283	239	
Lead (µg/L)	803	658–948	829	
Manganese (µg/L)	2,630	2,160–3,100	2,580	
Mercury (µg/L)	21.0	15.8–26.2	21.2	
Molybdenum (µg/L)	593	486–700	584	
Nickel (µg/L)	2630	2,160–3,100	2,650	
Selenium (µg/L)	230	173–271	223	
Silver (µg/L)	489	401–577	474	
Strontium (µg/L)	253	207–299	250	
Thallium (µg/L)	139	104–164	128	
Vanadium (µg/L)	2,060	1,690–2,430	2,010	
Zinc (µg/L)	1,860	1,530–2,190	1,840	
Turbidity (Lot 3431)				
Turbidity (NTU)	3.20	2.72–3.74	3.42	
Volatiles (Lot 592)				
Benzene (µg/L)	21.0	16.3–26.2	23.0	
Bromodichloromethane (µg/L)	41.1	31.6–51.2	45.3	
Bromoform (µg/L)	34.2	25.0–44.0	41.5	
Carbon tetrachloride (µg/L)	53.5	39.3–66.6	60.0	
Chlorobenzene (µg/L)	21.2	16.6–25.4	25.0	
Chloroform (µg/L)	24.9	19.1–30.5	28.9	
Dibromochloromethane (µg/L)	41.0	31.0–50.5	45.7	
1,2-Dichlorobenzene (µg/L)	43.9	33.3–53.9	49.8	
1,3-Dichlorobenzene (µg/L)	27.5	21.0–33.1	31.3	
1,4-Dichlorobenzene (µg/L)	31.7	23.8–38.6	37.2	
1,2-Dichloroethane (µg/L)	38.8	30.3–48.8	44.0	
Dichloromethane (Methylene chloride) (µg/L)	35.8	25.3–46.6	30.9	
Ethylbenzene (µg/L)	25.6	19.2–29.9	28.7	
4-Methyl-2-pentanone (MIBK) (µg/L)	20.4	11.8–27.8	20.0	
Styrene (µg/L)	25.5	17.7–31.0	27.4	
1,1,1,2-Tetrachloroethane (µg/L)	66.1	48.8–82.3	77.6	
Tetrachloroethylene (µg/L)	23.6	17.4–28.5	24.2	
Toluene (µg/L)	38.4	29.6–46.3	40.1	
1,1,1-Trichloroethane (µg/L)	42.6	30.8–50.8	48.1	
Trichloroethylene (µg/L)	55.3	41.0–66.9	58.8	

◆ Value not reported by laboratory.
J The analytical result is an estimated quantity.

Table 41. Quality Control Standards for Selected Analyses for WA

Analyte	*Certified Value*	*Performance Acceptance Limits*	*WA Result*	*Functional Guideline Code*
Acids (Lot 592)				
2-Chlorophenol (µg/L)	145	59.6–163	104	
2,4-Dichlorophenol (µg/L)	112	47.5–123	73.0	
o-Cresol (2-Methylphenol) (µg/L)	64.2	20.4–74.3	44.8	
Pentachlorophenol (µg/L)	44.6	13.9–56.0	35.6	
Phenol (µg/L)	59.5	15.1–73.6	39.6	
2,4,5-Trichlorophenol (µg/L)	51.8	20.4–59.9	34.8	
2,4,6-Trichlorophenol (µg/L)	30.4	13.1–34.8	18.3	
Base/Neutrals (Lot 592)				
Anthracene (µg/L)	97.0	45.7–113	68.0	
Benzo(k)fluoranthene (µg/L)	28.8	10.5–36.2	17.1	
Benzo(a)pyrene (µg/L)	30.6	14.5–38.8	17.8	
Bis(2-ethylhexyl) phthalate (µg/L)	41.7	16.8–53.2	29.3	
Chrysene (µg/L)	31.2	14.4–38.3	20.3	
Dibenzofuran (µg/L)	96.5	45.9–107	56.0	
1,2-Dichlorobenzene (µg/L)	153	35.8–175	71.5	
1,3-Dichlorobenzene (µg/L)	124	28.9–147	49.1	
2,4-Dinitrotoluene (µg/L)	113	47.3–130	91.5	
Fluoranthene (µg/L)	49.2	23.0–61.3	32.6	
Hexachloroethane (µg/L)	29.0	11.6–36.4	8.85◆	J
Isophorone (µg/L)	121	49.8–132	88.1	
2-Methynaphthlene (µg/L)	94.6	30.4–111	51.6	
Naphthalene (µg/L)	39.9	14.2–45.5	20.1	
Pyrene (µg/L)	69.7	32.6–84.7	46.7	
1,2,4-Trichlorobenzene (µg/L)	103	30.0–117	44.4	
Cations (Lot 440)				
Calcium (µg/L)	42,000	35,700–48,300	41,300	
Magnesium (µg/L)	35,200	29,900–40,500	35,000	
Potassium (µg/L)	20,200	17,200–23,200	20,300	
Sodium (µg/L)	56,400	47,900–64,900	54,300	
Cyanide and Phenol (Lot 9994)				
Cyanide, total (µg/L)	840	613–1,070	601◆	J
Phenol (µg/L)	83.5	63.5–104	79.4	
Grease and Oil (Lot 9991)				
Grease and oil (gravimetric) (mg/bottle)	73.4	44.0–91.8	44.3	
Inorganics (Lot 3431)				
Alkalinity (as $CaCO_3$) (µg/L)	121,000	113,000–136,000	121,000	
Bromide (µg/L)	3,140	2,690–3,510	2,920	J
Chloride (µg/L)	32,100	28,500–36,200	35,500	
Fluoride (µg/L)	5,140	4,630–5,650	6,430◆	
Nitrate as nitrogen (µg/L)	6,110	5,500–6,720	6,170	
pH (pH units)	9.24	9.04–9.44	9.06	
Potassium (µg/L)	29,200	25,100–34,100	28,800	
Sodium (µg/L)	90,900	82,100–101,000	87,000	
Specific conductance (µS/cm)	455	381–518	391	

Analyte	Certified Value	Performance Acceptance Limits	WA Result	Functional Guideline Code
Sulfate (µg/L)	29,900	25,600–33,800	29,500	
Total dissolved solids (µg/L)	450,000	369,000–504,000	379,000	
Nutrients (Lot 9994)				
Ammonia as nitrogen (µg/L)	12,100	10,200–14,000	11,200	
Nitrate-nitrite as nitrogen (µg/L)	23,700	21,100–26,300	20,800◆	
Total phosphates (as P) (µg/L)	879	747–1,010	851	
PCBs (Lot 592)				
PCB 1254 (µg/L)	2.00	1.20–2.51	1.77	
Pesticides (Lot 592)				
Aldrin (µg/L)	1.12	0.581–1.38	0.99	
alpha-Benzene hexachloride (µg/L)	4.61	2.56–5.87	4.35	
beta-Benzene hexachloride (µg/L)	5.86	3.13–7.41	5.09	
alpha-Chlordane (µg/L)	6.98	4.22–8.64	6.38	L
4,4'-DDD (µg/L)	2.92	1.79–3.79	2.53	
4,4'-DDE (µg/L)	3.07	1.79–3.84	2.66	
4,4'-DDT (µg/L)	6.36	3.70–7.99	5.65	
Dieldrin (µg/L)	4.20	2.60–5.43	3.78	
Endrin (µg/L)	7.58	4.75–9.78	8.45	
Heptachlor (µg/L)	2.69	1.22–3.33	2.35	
Heptachlor epoxide (µg/L)	2.56	1.58–3.13	1.98	
Methoxychlor (µg/L)	9.10	5.19–12.3	8.60	
Pesticides/Herbicides (Lot 3227)				
2-sec-Butyl-4,6-dinitrophenol (µg/L)	4.24	1.39–5.48	3.79	
2,4-Dichlorophenoxyacetic acid (µg/L)	5.92	2.96–8.88	5.55	
2,4,5-TP (Silvex) (µg/L)	4.90	2.45–7.35	4.12	
Total Petroleum Hydrocarbons (Lot 8923)				
Total petroleum hydrocarbons, infrared (mg/bottle)	91.2	56.8–118	23.2◆	J
Toxaphene (Lot 3231)				
Toxaphene (µg/L)	10.5	5.78–15.2	8.65	
Trace Metals (Lot 9994)				
Aluminum (µg/L)	1,540	1,260–1,820	1,540	
Antimony (µg/L)	451	338–532	461	
Arsenic (µg/L)	150	113–177	154	
Barium (µg/L)	505	414–596	507	
Beryllium (µg/L)	89.0	73.0–105	86.1	
Boron (µg/L)	255	209–319	276	
Cadmium (µg/L)	616	505–727	616	
Chromium (µg/L)	647	531–763	649	
Cobalt (µg/L)	141	116–166	144	
Copper (µg/L)	376	308–444	372	
Iron (µg/L)	240	197–283	242	
Lead (µg/L)	803	658–948	810	
Manganese (µg/L)	2,630	2,160–3,100	2,670	
Mercury (µg/L)	21.0	15.8–26.2	20.0	
Molybdenum (µg/L)	593	486–700	602	
Nickel (µg/L)	2630	2,160–3,100	2,630	

Analyte	Certified Value	Performance Acceptance Limits	WA Result	Functional Guideline Code
Selenium (µg/L)	230	173–271	235	
Silver (µg/L)	489	401–577	491	
Strontium (µg/L)	253	207–299	252	
Thallium (µg/L)	139	104–164	146	
Vanadium (µg/L)	2,060	1,690–2,430	2,040	
Zinc (µg/L)	1,860	1,530–2,190	1,830	
Turbidity (Lot 3431)				
Turbidity (NTU)	3.20	2.72–3.74	3.12	
Volatiles (Lot 592)				
Benzene (µg/L)	21.0	16.3–26.2	19.6	
Bromodichloromethane (µg/L)	41.1	31.6–51.2	38.2	
Bromoform (µg/L)	34.2	25.0–44.0	31.3	
Carbon tetrachloride (µg/L)	53.5	39.3–66.6	48.8	
Chlorobenzene (µg/L)	21.2	16.6–25.4	19.6	
Chloroform (µg/L)	24.9	19.1–30.5	24.6	
Dibromochloromethane (µg/L)	41.0	31.0–50.5	39.6	
1,2-Dichlorobenzene (µg/L)	43.9	33.3–53.9	36.7	
1,3-Dichlorobenzene (µg/L)	27.5	21.0–33.1	22.8	
1,4-Dichlorobenzene (µg/L)	31.7	23.8–38.6	27.0	
1,2-Dichloroethane (µg/L)	38.8	30.3–48.8	37.8	
Dichloromethane (Methylene chloride) (µg/L)	35.8	25.3–46.6	34.1	
Ethylbenzene (µg/L)	25.6	19.2–29.9	23.5	
4-Methyl-2-pentanone (MIBK) (µg/L)	20.4	11.8–27.8	21.1	
Styrene (µg/L)	25.5	17.7–31.0	19.6	
1,1,1,2-Tetrachloroethane (µg/L)	66.1	48.8–82.3	60.3	
Tetrachloroethylene (µg/L)	23.6	17.4–28.5	22.0	
Toluene (µg/L)	38.4	29.6–46.3	36.9	
1,1,1-Trichloroethane (µg/L)	42.6	30.8–50.8	39.3	
Trichloroethylene (µg/L)	55.3	41.0–66.9	47.0	

◆ Result is out of range.
❖ Value not reported by laboratory.
J The analytical result is an estimated quantity.
L The actual concentration is known to be greater than the reported result (EPA STORET code).

Table 42. Quality Control Standards for Selected Analyses for ML

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
Acids (Lot 592)				
2-Chlorophenol (µg/L)	145	59.6–163	❖	
2,4-Dichlorophenol (µg/L)	112	47.5–123	❖	
o-Cresol (2-Methylphenol) (µg/L)	64.2	20.4–74.3	❖	
Pentachlorophenol (µg/L)	44.6	13.9–56.0	❖	
Phenol (µg/L)	59.5	15.1–73.6	❖	
2,4,5-Trichlorophenol (µg/L)	51.8	20.4–59.9	❖	
2,4,6-Trichlorophenol (µg/L)	30.4	13.1–34.8	❖	

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
Base/Neutrals (Lot 592)				
Anthracene (µg/L)	97.0	45.7–113	❖	
Benzo(k)fluoranthene (µg/L)	28.8	10.5–36.2	❖	
Benzo(a)pyrene (µg/L)	30.6	14.5–38.8	❖	
Bis(2-ethylhexyl) phthalate (µg/L)	41.7	16.8–53.2	❖	
Chrysene (µg/L)	31.2	14.4–38.3	❖	
Dibenzofuran (µg/L)	96.5	45.9–107	❖	
1,2-Dichlorobenzene (µg/L)	153	35.8–175	❖	
1,3-Dichlorobenzene (µg/L)	124	28.9–147	❖	
2,4-Dinitrotoluene (µg/L)	113	47.3–130	❖	
Fluoranthene (µg/L)	49.2	23.0–61.3	❖	
Hexachloroethane (µg/L)	29.0	11.6–36.4	❖	
Isophorone (µg/L)	121	49.8–132	❖	
2-Methynaphthlene (µg/L)	94.6	30.4–111	❖	
Naphthalene (µg/L)	39.9	14.2–45.5	❖	
Pyrene (µg/L)	69.7	32.6–84.7	❖	
1,2,4-Trichlorobenzene (µg/L)	103	30.0–117	❖	
Cations (Lot 440)				
Calcium (µg/L)	42,000	35,700–48,300	42,200	
Magnesium (µg/L)	35,200	29,900–40,500	34,300	
Potassium (µg/L)	20,200	17,200–23,200	20,600	
Sodium (µg/L)	56,400	47,900–64,900	58,700	
Cyanide and Phenol (Lot 9994)				
Cyanide, total (µg/L)	840	613–1,070	❖	
Phenol (µg/L)	83.5	63.5–104	❖	
Grease and Oil (Lot 9991)				
Grease and oil (gravimetric) (mg/bottle)	73.4	44.0–91.8	❖	
Inorganics (Lot 3431)				
Alkalinity (as $CaCO_3$) (µg/L)	121,000	113,000–136,000	❖	
Bromide (µg/L)	3,140	2,690–3,510	❖	
Chloride (µg/L)	32,100	28,500–36,200	❖	
Fluoride (µg/L)	5,140	4,630–5,650	❖	
Nitrate as nitrogen (µg/L)	6,110	5,500–6,720	❖	
pH (pH units)	9.24	9.04–9.44	❖	
Potassium (µg/L)	29,200	25,100–34,100	❖	
Sodium (µg/L)	90,900	82,100–101,000	❖	
Specific conductance (µS/cm)	455	381–518	❖	
Sulfate (µg/L)	29,900	25,600–33,800	❖	
Total dissolved solids (µg/L)	450,000	369,000–504,000	❖	
Nutrients (Lot 9994)				
Ammonia as nitrogen (µg/L)	12,100	10,200–14,000	❖	
Nitrate-nitrite as nitrogen (µg/L)	23,700	21,100–26,300	❖	
Total phosphates (as P) (µg/L)	879	747–1,010	❖	
PCBs (Lot 592)				
PCB 1254 (µg/L)	2.00	1.20–2.51	1.56	
Pesticides (Lot 592)				
Aldrin (µg/L)	1.12	0.581–1.38	1.01	

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
alpha-Benzene hexachloride (µg/L)	4.61	2.56–5.87	4.25	
beta-Benzene hexachloride (µg/L)	5.86	3.13–7.41	5.09	
alpha-Chlordane (µg/L)	6.98	4.22–8.64	6.46	
4,4'-DDD (µg/L)	2.92	1.79–3.79	2.70	
4,4'-DDE (µg/L)	3.07	1.79–3.84	2.81	
4,4'-DDT (µg/L)	6.36	3.70–7.99	6.67	
Dieldrin (µg/L)	4.20	2.60–5.43	3.93	
Endrin (µg/L)	7.58	4.75–9.78	8.42	
Heptachlor (µg/L)	2.69	1.22–3.33	2.56	
Heptachlor epoxide (µg/L)	2.56	1.58–3.13	2.25	
Methoxychlor (µg/L)	9.10	5.19–12.3	8.79	
Pesticides/Herbicides (Lot 3227)				
2-sec-Butyl-4,6-dinitrophenol (µg/L)	4.24	1.39–5.48	❖	
2,4-Dichlorophenoxyacetic acid (µg/L)	5.92	2.96–8.88	❖	
2,4,5-TP (Silvex) (µg/L)	4.90	2.45–7.35	❖	
Total Petroleum Hydrocarbons (Lot 8923)				
Total petroleum hydrocarbons, infrared (mg/bottle)	91.2	56.8–118	❖	
Toxaphene (Lot 3231)				
Toxaphene (µg/L)	10.5	5.78–15.2	8.13	
Trace Metals (Lot 9994)				
Aluminum (µg/L)	1,540	1,260–1,820	1,640	
Antimony (µg/L)	451	338–532	441	
Arsenic (µg/L)	150	113–177	148	
Barium (µg/L)	505	414–596	529	
Beryllium (µg/L)	89.0	73.0–105	85.3	
Boron (µg/L)	255	209–319	❖	
Cadmium (µg/L)	616	505–727	621	
Chromium (µg/L)	647	531–763	666	
Cobalt (µg/L)	141	116–166	152	
Copper (µg/L)	376	308–444	387	
Iron (µg/L)	240	197–283	238	
Lead (µg/L)	803	658–948	841	
Manganese (µg/L)	2,630	2,160–3,100	2,730	
Mercury (µg/L)	21.0	15.8–26.2	18.9	
Molybdenum (µg/L)	593	486–700	❖	
Nickel (µg/L)	2630	2,160–3,100	2,700	
Selenium (µg/L)	230	173–271	230	
Silver (µg/L)	489	401–577	496	
Strontium (µg/L)	253	207–299	❖	
Thallium (µg/L)	139	104–164	164	
Vanadium (µg/L)	2,060	1,690–2,430	2,070	
Zinc (µg/L)	1,860	1,530–2,190	1,850	
Turbidity (Lot 3431)				
Turbidity (NTU)	3.20	2.72–3.74	❖	
Volatiles (Lot 592)				
Benzene (µg/L)	21.0	16.3–26.2	21.2	
Bromodichloromethane (µg/L)	41.1	31.6–51.2	43.1	
Bromoform (µg/L)	34.2	25.0–44.0	35.2	

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
Carbon tetrachloride (µg/L)	53.5	39.3–66.6	53.7	
Chlorobenzene (µg/L)	21.2	16.6–25.4	16.5◆	
Chloroform (µg/L)	24.9	19.1–30.5	25.3	
Dibromochloromethane (µg/L)	41.0	31.0–50.5	31.8	
1,2-Dichlorobenzene (µg/L)	43.9	33.3–53.9	❖	
1,3-Dichlorobenzene (µg/L)	27.5	21.0–33.1	❖	
1,4-Dichlorobenzene (µg/L)	31.7	23.8–38.6	❖	
1,2-Dichloroethane (µg/L)	38.8	30.3–48.8	38.0	
Dichloromethane (Methylene chloride) (µg/L)	35.8	25.3–46.6	34.1	
Ethylbenzene (µg/L)	25.6	19.2–29.9	20.4	
4-Methyl-2-pentanone (MIBK) (µg/L)	20.4	11.8–27.8	14.6	
Styrene (µg/L)	25.5	17.7–31.0	18.3	
1,1,1,2-Tetrachloroethane (µg/L)	66.1	48.8–82.3	❖	
Tetrachloroethylene (µg/L)	23.6	17.4–28.5	17.2◆	
Toluene (µg/L)	38.4	29.6–46.3	32.4	
1,1,1-Trichloroethane (µg/L)	42.6	30.8–50.8	42.2	
Trichloroethylene (µg/L)	55.3	41.0–66.9	55.7	

❖ Value not reported by laboratory.
◆ Result is out of range.
J The analytical result is an estimated quantity.

Table 43. WA Performance Evaluation, Water Supply Study WS30

Analyte	WA Result	ERA Certified Value	Performance Acceptance Limits
Halomethanes (µg/L)			
Bromodichloromethane	30.8	30.6	24.5–36.7
Bromoform	18.3	17.4	13.9–20.9
Chlorodibromomethane	22.4	22.3	17.8–26.8
Chloroform	10.3	11.3	9.04–13.6
Total trihalomethanes	81.8	81.6	65.3–97.9
Herbicides, Regulated (µg/L)			
Pentachloropenol	0.09	7.04	3.52–10.6
Picloram	37	54.6	DL–72.8
2,4,5-T	†	10.0	5.00–15.0
2,4,5-TP (Silvex)	17	20.8	10.4–31.2
Inorganics (mg/L)			
Sodium	116	106	99.2–116
Sulfate	52.4	54.3	48.7–59.7
Total dissolved solids	516	572	322–743
Metals (µg/L)			
Hardness (as $CaCO_3$)	83.2	91.9	85.9–101
Mercury	1.60	1.75	1.23–2.28
Silver	104.1	100	86.0–113
Thallium	8.6	7.50	5.25–9.75
Zinc	442	417	381–450

Analyte	WA Result	ERA Certified Value	Performance Acceptance Limits
Miscellaneous Analytes (mg/L, except as noted)			
Chlordane (µg/L)	10	11.9	6.55–17.3
Chlorine, free residual	2.90	2.80	2.07–2.92
Chlorine, total residual	2.90	2.80	2.09–3.29
Cyanide, free	0.740	0.604	0.453–0.755
Dibromochloropropane (µg/L)	770	852	511–1,190
Ethylene dibromide (µg/L)	1,500	1,520	912–2,130
Nutrients (mg/L)			
Ortho-phosphate (as P)	1.32	1.37	1.29–1.44
Pesticides, Regulated (µg/L)			
Methoxyclor	10	14.5	7.98–21.0
Metolachlor	7.6	8.74	4.81–12.7
Metribuzin	6.2	6.44	3.54–9.34
Propachlor	1.7	2.21	1.30–3.14
Simazine	14	15.3	3.49–22.3
Trifluralin	†	3.17	1.40–4.18
Semi-volatiles, Regulated (µg/L)			
Naphthalene	36	32.7	16.4–52.3
Phenanthrene	8.5	8.54	4.27–13.7
Volatiles, Regulated (µg/L)			
Benzene	14.9	14.8	11.8–17.8
Carbon tetrachloride	10.8	11.0	8.80–13.2
Chlorobenzene	11.2	12.0	9.60–14.4
1,2-Dichlorobenzene	5.4	5.90	3.54–8.26
1,4-Dichlorobenzene	5.8	6.81	4.09–9.53
1,2-Dichloroethane	17.4	16.3	13.0–19.6
1,1-Dichloroethylene	**12.4**	16.5	13.9–20.3
cis-1,2-Dichloroethylene	17.2	16.8	13.4–20.2
trans-1,2-Dichloroethylene	8.7	9.11	5.47–12.8
1,2-Dichloropropane	19.0	18.0	14.4–21.6
Ethylbenzene	17.5	15.8	12.6–19.0
Methylene chloride	9.6	9.85	5.91–13.8
Styrene	16.1	15.8	12.6–19.0
Tetrachloroethylene	12.0	11.5	9.20–13.8
Toluene	10.1	10.0	8.00–12.0
1,2,4-Trichlorobenzene	3.7	6.09	3.65–8.53
1,1,1-Trichloroethane	16.8	17.2	13.8–20.6
1,1,2-Trichloroethane	14.8	16.9	13.5–20.3
Trichloroethylene	11.2	11.8	9.44–14.2
Vinyl chloride	5.9	6.00	3.60–8.40
Xylenes, total	40.9	40.6	32.5–48.7
Volatiles, Unregulated (µg/L)			
Bromobenzene	11.4	11.6	9.28–13.9
Bromomethane	7.7	8.00	4.80–11.2
N-Butylbenzene	9.9	11.9	9.52–14.3
Chloroethane	7.5	7.00	4.20–9.80
2-Chlorotoluene	15.8	15.5	12.4–18.6
4-Chlorotoluene	16.2	17.0	13.6–20.4
Dibromomethane	14.5	14.6	11.7–17.5

Analyte	WA Result	ERA Certified Value	Performance Acceptance Limits
1,3-Dichlorobenzene	9.5	9.08	5.45–12.7
Dichlorodifluromethane	**15.5**	10.0	8.66–12.0
1,1-Dichloroethane	16.2	15.7	12.6–18.8
1,3-Dichloropropane	9.3	8.18	4.91–11.5
2,2-Dichloropropane	16.5	17.8	14.2–21.4
1,1,1-Dichloropropene	7.9	7.72	4.63–10.8
cis-1,3-Dichloropropene	11.7	11.3	9.04–13.6
trans-1,3-Dichloropropene	16.7	16.1	12.9–19.3
Fluorotrichloromethane	16.8	16.8	13.4–20.2
Isopropylbenzene	11.7	11.9	9.52–14.3
1,1,1,2-Tetrachloroethane	11.1	10.2	8.16–12.2
1,1,2,2-Tetrachloroethane	13.1	12.5	10.0–15.0
1,2,3-Trichlorobenzene	13.5	13.2	10.6–15.8
1,2,3-Trichloropropene	17.1	16.9	13.5–20.3
1,2,4-Trimethylbenzene	9.3	8.87	5.32–12.4

DL Detection limit
† Result was not reported by laboratory

Note: The true value is based on gravimetric calculations or a reference value when necessary. Reported values that were out of range appear in **bold**. In cases where the laboratory was asked to check for error, the reported values appear in ***bold italic.***

Table 44. EX Performance Evaluation, Water Supply Study WS32

Analyte	EX Result	ERA Certified Value	Performance Acceptance Limits
Halomethanes (µg/L)			
Bromodichloromethane	30.0	26.2	21.0–31.4
Bromoform	4.72	4.17	2.50–5.84
Chlorodibromomethane	51.8	44.6	35.7–53.5
Chloroform	51.2	47.3	37.8–56.8
Total Trihalomethanes	138	122	97.8–147
Herbicides, Regulated (µg/L)			
Aciflurofen	†	21.9	4.69–34.4
Chloramben	†	8.82	4.41–13.2
2,4-D	5.85	9.27	4.64–13.9
2,4-DB	7.62	12.2	6.10–18.3
Dalapon	6.81	10.9	DL–20.1
Dicamba	2.92	6.79	2.41–10.4
Dinoseb	2.56	15.1	DL–22.5
Pentachloropenol	†	10.9	5.45–16.4
Picloram	†	10.9	0.673–17.4
2,4,5-TP (Silvex)	10.1	14.7	7.35–22.1
Inorganics (mg/L, except as noted)			
Bromide	1.38	1.48	1.28–1.70
Chloride	13.7	14.5	12.9–16.4
Fluoride	**2.10**	2.45	2.21–2.70
Nitrate (as N)	4.46	4.58	4.12–5.04

Analyte	EX Result	ERA Certified Value	Performance Acceptance Limits
Potassium	18.3	18.5	15.9–21.6
Sodium	86.0	86.7	81.1–94.7
Specific conductance (µS/cm)	434	406	340–462
Sulfate	56.4	56.6	50.8–62.2
Total dissolved solids	**574**	410	237–531
Metals (µg/L)			
Aluminum	714	750	644–870
Antimony	27.0	33.3	23.3–43.3
Arsenic	30.7	33.3	29.0–37.3
Barium	747	750	638–863
Beryllium	3.90	4.17	3.54–4.80
Boron	820	833	776–918
Cadmium	31.2	33.3	26.6–40.0
Calcium	77,800	78,700	68,500–91,600
Chromium	127	133	113–153
Copper	78.0	83.3	75.0–91.6
Hardness (as $CaCO_3$)	194	197	185–210
Iron	398	400	311–486
Lead	47.2	50.0	35.0–65.0
Manganese	457	467	435–491
Mercury	3.57	3.30	2.31–4.29
Molybdenum	36.3	41.7	34.8–48.4
Nickel	143	150	128–173
Selenium	21.0	25.0	20.0–30.0
Silver	36.2	41.7	35.9–47.2
Thallium	4.83	5.00	3.50–6.50
Zinc	755	800	734–860
Miscellaneous Analytes (mg/L, except as noted)			
Alkalinity (as $CaCO_3$)	**52.3**	45.9	43.5–51.5
Cyanide	0.435	0.387	0.290–0.484
Dibromochloropropane (µg/L)	1.28	1.40	0.840–1.96
Ethylene dibromide (µg/L)	0.432	0.444	0.266–0.622
Nitrite (as N)	1.29	1.40	1.19–1.61
pH (pH units)	7.73	7.80	7.02–8.58
Toxaphene (µg/L)	4.55	4.20	2.31–6.09
Turbidity (NTU)	5.02	5.20	4.57–6.17
Nutrients (mg/L)			
Ortho-phosphate (as P)	1.26	1.22	1.14–1.29
Pesticides, Regulated (µg/L)			
Alachlor	†	10.0	5.50–14.5
Aldrin	1.43	1.80	0.765–2.26
Atrazine	†	14.8	8.14–21.5
Bromacil	†	5.16	2.84–7.48
Butachlor	†	12.1	6.66–17.5
Chlordane	4.39	6.02	3.31–8.73
Dieldrin	3.01	2.79	1.95–3.49
Endrin	1.85	1.54	1.08–2.00
Heptachlor	2.53	3.06	1.68–4.44
Heptachlor epoxide	4.23	4.13	2.27–5.99
Hexachorobenzene	1.46	2.23	1.02–2.84
Hexachlorocyclopentadiene	†	2.12	0.127–2.71

Analyte	EX Result	ERA Certified Value	Performance Acceptance Limits
Lindane	2.26	2.52	1.39–3.65
Methoxyclor	13.1	11.4	6.27–16.5
Propachlor	†	3.23	2.00–4.44
Simazine	†	17.8	4.03–25.7
Trifluralin	†	4.22	1.92–5.67
Volatiles, Regulated (µg/L)			
Benzene	11.9	11.8	9.44–14.2
Carbon tetrachloride	6.06	7.16	4.30–10.0
Chlorobenzene	17.3	16.4	13.1–19.7
1,2-Dichlorobenzene	9.32	8.58	5.15–12.0
1,4-Dichlorobenzene	11.8	11.5	9.20–13.8
1,2-Dichloroethane	12.5	12.8	10.2–15.4
1,1-Dichloroethylene	6.27	6.89	4.13–9.65
cis-1,2-Dichloroethylene	5.70	6.22	3.73–8.71
trans-1,2-Dichloroethylene	16.8	17.5	14.0–21.0
1,2-Dichloropropane	6.86	6.76	4.06–9.46
Ethylbenzene	7.19	6.97	4.18–9.76
Methylene chloride	13.8	13.8	11.0–16.6
Styrene	9.62	9.26	5.56–13.0
Tetrachloroethylene	14.5	14.7	11.8–17.6
Toluene	8.02	7.39	4.43–10.3
1,2,4-Trichlorobenzene	16.3	13.7	11.0–16.4
1,1,1-Trichloroethane	10.1	12.5	10.0–15.0
1,1,2-Trichloroethane	20.6	18.8	15.0–22.6
Trichloroethylene	10.1	8.59	5.15–12.0
Vinyl chloride	**20.0**	13.6	8.16–19.0
Xylenes, total	43.7	41.0	32.8–49.2
Volatiles, Unregulated (µg/L)			
Bromobenzene	11.1	10.4	8.32–12.5
Bromochloromethane	†	0.00	NA–NA
Bromomethane	†	0.00	NA–NA
N-Butylbenzene	12.2	11.9	9.52–14.3
Sec-Butylbenzene	†	0.00	NA–NA
Tert-Butylbenzene	†	0.00	NA–NA
t-Butylmethylether	5.60	4.97	2.98–6.96
Chloroethane	†	4.00	2.40–5.60
Cholоromethane	†	0.00	NA–NA
2-Chlorotoluene	12.2	11.5	9.20–13.8
4-Chorotoluene	†	0.00	NA–NA
Dibromomethane	15.6	14.1	11.3–16.9
1,3-Dichlorobenzene	13.3	12.3	9.84–14.8
Dichlorodifluoromethane	4.65	5.60	3.36–7.84
1,1-Dichloroethane	5.91	5.49	3.29–7.69
1,3-Dichloropropane	14.0	12.7	10.2–15.2
2,2-Dichloropropane	8.46	10.5	8.40–12.6
1,1-Dichloropropene	9.54	9.64	5.78–13.5
cis-1,3-Dichloropropene	5.32	5.84	3.50–8.18
trans-1,3-Dichloropropene	7.60	8.93	5.36–12.5
Fluorotrichloromethane	9.33	8.38	5.03–11.7
Hexachlorobutadiene	6.32	5.60	3.36–7.84
Isopropylbenzene	9.60	9.54	5.72–13.4
4-Isopropyltoluene	19.0	18.1	14.5–21.7
N-Propylbenzene	13.1	13.1	10.5–15.7
1,1,1,2-Tetrachloroethane	12.1	12.2	9.76–14.6

Analyte	EX Result	ERA Certified Value	Performance Acceptance Limits
1,1,2,2-Tetrachloroethane	11.8	10.5	8.40–12.6
1,2,3-Trichlorobenzene	6.36	5.98	3.59–8.37
1,2,3-Trichloropropane	†	0.00	NA–NA
1,2,4-Trimethylbenzene	7.77	7.45	4.47–10.4
1,2,5-Trimethylbenzene	†	0.00	NA–NA

† Result was not reported by laboratory
DL Detection limit
NA Not applicable

Note: The true value is based on gravimetric calculations or a reference value when necessary. Reported values that were out of range appear in **bold**.

Table 45. GE and WA Performance Evaluation, Water Supply Study WS35

Analyte	GE Result	WA Result	ERA Certified Value	Performance Acceptance Limits
Alkalinity and Sodium (mg/L)				
Alkalinity (as $CaCO_3$)	27.3	29.5	27.9	26.7–32.1
Sodium	12.7	11.8	12.8	11.8–14.2
Cyanide (µg/L)				
Cyanide, total	156	120	151	113–180
Halomethanes (µg/L)				
Bromodichloromethane	12.5	14.9	14.0	11.2–16.8
Bromoform	33.6	34.0	31.2	25.0–37.4
Chlorodibromomethane	7.40	7.35	7.42	4.49–10.6
Chloroform	45.8	46.9	49.4	39.5–59.3
Total trihalomethanes	98.8	103	102	81.7–122
Herbicides, Regulated (µg/L)				
Aciflurofen	†	28.4	34.2	13.4–47.5
2,4-D	**<2.00**	27.5	29.9	15.0–44.9
2,4-DB	22.5	31.3	30.4	15.2–45.6
Dalapon	46.2	50.0	54.2	DL–76.7
Dicamba	61.9	45.3	79.7	18.6–97.9
Dichloroprop	26.7	25.6	27.4	13.7–41.1
Dinoseb	19.0	23.1	24.5	0.481–36.7
Pentachlorophenol	†	**719.**	40.5	20.3–60.8
Picloram	†	30.1	57.6	DL–76.9
2,4,5-T	34.5	27.8	35.4	19.2–57.6
2,4,5-TP (Silvex)	30.5	24.6	32.2	16.1–48.3
Inorganics (mg/L, except as noted)				
Bromide	0.488	0.500	0.485	0.417–0.561
Chloride	7.46	**9.20**	8.02	7.13–9.05
Fluoride	4.16	**3.30**	4.18	3.83–4.69

Analyte	GE Result	WA Result	ERA Certified Value	Performance Acceptance Limits
Nitrate (as N)	5.07	5.10	5.19	4.67–5.71
Potassium	23.2	24.0	23.5	20.2–27.4
Specific conductance (µS/cm)	319	293	298	249–339
Sulfate	13.8	14.9	14.3	12.7–16.6
Total dissolved solids	282	300	296	193–308
Metals (µg/L)				
Aluminum	60.3	**74.9**	55.5	47.6–64.4
Antimony	10.1	9.20	9.88	6.92–12.8
Arsenic	25.2	24.8	26.0	22.6–29.1
Barium	946	969	983	836–1,130
Beryllium	2.21	2.21	2.27	1.93–2.61
Boron	**606**	654	650	608–714
Cadmium	11.9	12.2	11.9	9.52–14.8
Calcium	79,600	82,200	81,700	71,100–95,100
Chromium	69.0	69.4	69.9	59.4–80.4
Copper	432	442	448	403–498
Hardness (as $CaCO_3$)	199,000	206,000	204,000	191,000–217,000
Iron	**313**	239	240	187–292
Lead	67.0	77.0	70.0	49.0–91.0
Manganese	216	221	217	201–229
Mercury	7.92	7.49	8.20	5.74–10.7
Molybdenum	106	120	120	101–136
Nickel	60.3	61.0	61.7	52.4–71.0
Selenium	89.6	90.5	85.8	68.8–103
Silver	**11.6**	14.3	14.0	12.0–15.3
Thallium	7.59	8.00	8.09	5.66–10.5
Zinc	1,430	1,471	1,460	1,340–1,570
Miscellaneous Analytes (mg/L, except as noted)				
Dibromochloropropane (µg/L)	1.86	1.84	1.75	1.05–2.45
Ethylene dibromide (µg/L)	0.729	0.787	0.685	0.411–0.959
Hardness (as $CaCO_3$)	226		226	212–240
Nitrite (as N)	0.546	0.610	0.600	0.510–0.690
Residual chlorine, free	†	2.10	1.97	1.65–2.29
Residual chlorine, total	2.16	2.10	2.02	1.51–2.37
Total organic carbon	2.98	2.55	2.84	2.51–3.34
Nutrients (mg/L)				
Ortho-phosphate (as P)	**1.10**	1.20	1.21	1.13–1.28
Pesticides, Regulated (µg/L)				
Alachlor	†	4.80	4.96	2.73–7.19
Aldrin	2.02	1.79	2.25	0.960–2.83
Atrazine	†	14.5	16.8	9.24–24.4
gamma-BHC (Lindane)	0.480	0.385	0.510	0.281–0.740
Butachlor	†	13.6	14.2	7.81–20.6
Chlordane	6.20	7.30	9.73	5.35–14.1
Dieldrin	1.55	1.59	1.64	1.15–2.05
Endrin	3.85	3.64	4.21	2.95–5.47
Heptachlor	2.93	2.28	3.25	1.79–4.71
Heptachlor epoxide	4.13	4.08	4.77	2.62–6.92
Hexachlorobenzene	†	1.49	1.85	0.846–2.37
Hexachlorocyclopentadiene	†	†	2.35	0.126–3.01
Methoxychlor	13.2	13.0	14.0	7.70–20.3
Metribuzin	†	6.78	6.44	3.54–9.34

Analyte	GE Result	WA Result	ERA Certified Value	Performance Acceptance Limits
Propachlor	†	2.57	2.76	1.68–3.84
Simazine	†	15.0	19.1	4.31–27.4
Trifluralin	†	†	2.64	1.13–3.42
pH				
pH (pH units)	10.0	9.89	9.90	8.91–10.9
Semi-volatiles, Regulated (µg/L)				
Anthracene	10.9	12.2	13.4	6.70–21.4
Benzo(a)pyrene	0.755	1.38	1.64	0.389–2.12
Bis(2-ethylhexyl) adipate	†	12.7	18.7	6.64–27.4
Bis(2-ethylhexyl) phthalate	37.6	34.9	47.9	30.4–73.4
Di-n-butylphthalate	21.2	25.1	23.0	11.5–39.1
Naphthalene	8.18	12.9	13.1	6.55–21.0
Phenanthrene	11.4	14.7	14.7	7.35–23.5
Toxaphene (µg/L)				
Toxaphene	7.77	3.96	8.18	4.50–11.9
Turbidity				
Turbidity (NTU)	2.14	2.10	2.13	1.83–2.66
Volatiles, Regulated (µg/L)				
Benzene	7.08	7.07	6.75	4.05–9.45
Carbon tetrachloride	16.5	17.1	15.9	12.7–19.1
Chlorobenzene	9.49	8.27	8.97	5.38–12.6
1,2-Dichlorobenzene	11.9	10.5	10.9	8.72–13.1
1,4-Dichlorobenzene	7.54	6.50	6.98	4.19–9.77
1,2-Dichloroethane	13.7	13.7	13.2	10.6–15.8
1,1-Dichloroethylene	13.4	16.3	15.1	12.1–18.1
cis-1,2-Dichloroethylene	3.72	4.44	4.02	2.41–5.68
trans-1,2-Dichloroethylene	10.2	12.8	12.1	9.68–14.5
1,2-Dichloropropane	7.13	7.70	7.40	4.44–10.4
Ethylbenzene	9.73	9.35	9.86	5.92–13.8
Methylene chloride	12.6	14.6	14.4	11.5–17.3
Styrene	9.21	8.03	8.24	4.94–11.5
Tetrachloroethylene	11.8	11.7	12.8	10.2–15.4
Toluene	7.49	6.82	7.04	4.22–9.86
1,2,4-Trichlorobenzene	3.93	3.47	3.89	2.33–5.45
1,1,1-Trichloroethane	2.49	2.83	2.43	1.45–3.40
1,1,2-Trichloroethane	12.3	10.3	11.6	9.28–13.9
Trichloroethylene	6.57	8.05	7.16	4.30–10.0
Vinyl chloride	11.1	9.63	9.33	5.60–13.1
Xylenes, total	33.2	30.0	32.2	25.8–38.6
Volatiles, Unregulated (µg/L)				
Bromobenzene	11.6	9.99	12.0	9.60–14.4
Bromodichloromethane	< 0.500	< 0.500	0.00	NA–NA
Bromomethane	< 0.500	< 0.500	0.00	NA–NA
n-Butylbenzene	5.19	5.77	4.97	2.98–6.96
Sec-Butylbenzene	12.5	14.0	12.1	9.68–14.5
Tert-Butylbenzene	< 0.500	< 0.500	0.00	NA–NA
t-Butylmethylether	†	37.8	31.1	18.7–43.5
Chloroethane	12.7	16.2	14.0	11.2–16.8
Chloromethane	< 0.500	< 0.500	0.00	NA–NA

Analyte	GE Result	WA Result	ERA Certified Value	Performance Acceptance Limits
2-Chlorotoluene	16.6	16.6	15.0	12.0–18.0
4-Chlorotoluene	< 0.500	< 0.500	0.00	NA–NA
Dibromomethane	3.77	4.48	3.91	2.35–5.47
1,3-Dichlorobenzene	19.8	21.9	18.7	15.0–22.4
Dichlorodifluoromethane	**25.5**	**23.8**	18.0	14.4–21.6
1,1-Dichloroethane	12.2	13.2	12.0	9.60–14.4
1,3-Dichloropropane	< 0.500	< 0.500	0.00	NA–NA
2,2-Dichloropropane	17.5	16.7	17.8	14.2–21.4
1,1-Dichloropropene	< 0.500	< 0.500	0.00	NA–NA
cis-1,3-Dichloropropene	7.54	8.00	7.77	4.66–10.9
trans-1,3-Dichloropropene	16.7	14.3	14.9	11.9–17.9
Fluorotrichloromethane	< 0.500	< 0.500	0.00	NA–NA
Hexachlorobutadiene	< 0.500	< 0.500	0.00	NA–NA
Isopropylbenzene	3.95	4.65	4.05	2.43–5.67
4-Isopropyltoluene	14.4	16.0	14.0	11.2–16.8
n-Propylbenzene	< 0.500	< 0.500	0.00	NA–NA
1,1,1,2-Tetrochloroethane	< 0.500	< 0.500	0.00	NA–NA
1,1,2,2-Tetrochloroethane	8.28	9.63	9.13	5.43–12.5
1,2,3-Trichlorobenzene	13.0	12.9	12.3	9.84–14.6
1,2,3-Trichloropropane	< 0.500	< 0.500	0.00	NA–NA
1,2,4-Trimethlybenzene	7.33	8.22	7.10	4.26–9.94
1,3,5-Trimethlybenzene	8.21	9.43	8.10	4.86–11.3

† Result was not reported by laboratory
DL Detection limit
NA Not applicable

Note: The true value is based on gravimetric calculations or a reference value when necessary. Reported values that were out of range appear in **bold.**

Table 46. WA Performance Evaluation, Water Pollution Study WP48

Analyte	WA Result	ERA Certified Value	Performance Acceptance Limits
Metals (µg/L)			
Strontium	98.8	98.7	83.7–113
Thallium	249.4	242	193–283
Vanadium	707	692	623–759
Zinc	349	334	293–379
Minerals (mg/L, except as noted)			
Alkalinity (as $CaCO_3$)	104	101	91.8–109
Chloride	72.6	70.1	63.1–76.8
Fluoride	1.33	1.27	1.09–1.44
Potassium	38.1	39.1	33.9–44.5
Sodium	88.3	92.1	83.3–101
Specific conductance (µS/cm)	**589**	538	499–586
Sulfate	44.6	44.8	36.5–51.9
Total dissolved solids at 180°	429	442	323–531
Total solids at 105°	429	442	356–528
Miscellaneous Analytes (mg/L, except as noted)			
Cyanide, total	**1.10**	0.785	0.545–1.01

Analyte	WA Result	ERA Certified Value	Performance Acceptance Limits
Chlordane, technical	4.8	5.97	2.61–8.50
pH (pH units)	5.92	5.90	5.77–6.04
Nutrients, complex (mg/L)			
Total phosphorous as P	7.53	7.57	5.76–8.85
Nitrogen by kjeldahl method	5.94	6.17	4.26–7.98
Nutrients, simple (mg/L)			
Ammonia (as N)	16.3	16.2	12.6–19.6
Nitrate (as N)	16.6	17.2	13.6–20.4
Ortho-phosphate (as P)	4.10	4.07	3.47–4.70
PCBs in Water (µg/L)			
PCB 1242	2.4	2.34	1.14–2.93
PCBs in Oil (mg/Kg)			
PCB 1260	13.0	14.0	2.73–20.3
Pesticides (µg/L)			
Aldrin	1.0	1.08	0.274–1.46
beta-BHC	6.8	6.28	2.20–9.09
gamma-BHC (Lindane)	1.6	2.00	0.755–2.97
alpha-Chlordane	1.2	1.23	0.550–1.72
gamma-Chlordane	5.2	5.41	3.09–7.15
4,4'-DDD	2.1	2.32	1.13–3.25
4,4'-DDE	1.3	1.32	0.617–1.79
4,4'-DDT	4.6	5.30	2.43–7.17
Dieldrin	3.9	4.24	2.19–5.85
Endrin	2.3	1.98	0.910–2.88
Volatiles (µg/L)			
Benzene	53.1	61.2	44.2–78.7
Bromodichloromethane	55.0	63.9	45.4–83.1
Bromoform	61.6	69.4	45.6–95.0
Carbon tetrachloride	49.2	59.2	36.5–83.5
Chlorobenzene	42.3	49.9	35.2–63.5
Chlorodibromomethane	45.3	52.5	34.7–69.8
Chloroform	44.8	51.5	35.7–66.0
1,2-Dichlorobenzene	12.8	13.9	9.51–18.20
1,3-Dichlorobenzene	29.8	36.3	25.6–45.4
1,4-Dichlorobenzene	30.0	36.7	25.2–47.4
1,2-Dichloroethane	40.9	45.4	31.4–60.5
cis-1,2-Dichloroethylene	32.4	36.6	15.6–56.9
Ethylbenzene	18.4	21.1	14.3–27.4
Methylene chloride	38.5	49.3	31.1–67.9
4-Methyl-2-pentanone	61.8	70.6	27.0–110
Tetrachloroethylene	50.8	61.5	40.7–78.7

† Result was not reported by laboratory

Note: The true value is based on gravimetric calculations or a reference value when necessary. Reported values that were out of range appear in **bold**.

Table 47. EX Performance Evaluation, Water Pollution Study WP51

Analyte	EX Result	ERA Certified Value	Performance Acceptance Limits
Demand (mg/L)			
Biochemical oxygen demand (BOD)	108	118	59.8–177
Carbonaceous BOD	†	102	45.6–158
Chemical oxygen demand	174	191	148–217
Total organic carbon	77.0	75.6	63.2–86.9
Hardness (mg/L)			
Calcium	**22.0**	17.4	15.2–20.0
Calcium hardness (as $CaCO_3$)	**55.1**	43.4	34.3–52.5
Magnesium	**35.8**	30.5	26.6–34.1
Total hardness as ($CaCO_3$)	**203**	169	153–185
Total suspended solids	**40.0**	31.0	22.4–32.9
Metals (µg/L)			
Aluminum	2,070	2,170	1,870–2,460
Antimony	230	247	166–301
Arsenic	546	575	483–674
Barium	1,000	983	717–1,250
Beryllium	58.7	57.8	47.9–65.5
Boron	994	917	669–1,160
Cadmium	183	200	170–229
Chromium	968	952	831–1,080
Cobalt	461	441	387–495
Copper	66.9	70.3	60.4–80.3
Iron	993	957	846–1,080
Lead	647	677	591–759
Manganese	1,880	1,870	1,680–2,080
Mercury	11.8	12.4	9.28–15.5
Molybdenum	187	177	150–204
Nickel	2,610	2,600	2,360–2,900
Selenium	455	486	384–563
Silver	528	559	480–640
Strontium	203	204	174–234
Thallium	672	709	572–822
Vanadium	470	487	437–534
Zinc	1,930	1,980	1,760–2,220
Minerals (mg/L, except as noted)			
Alkalinity (as $CaCO_3$)	***121***	112	102–121
Chloride	60.2	58.2	52.1–63.9
Fluoride	**2.24**	2.71	2.36–3.02
Potassium	9.63	10.0	8.45–11.7
Sodium	90.5	89.4	80.8–97.8
Specific conductance (µS/cm)	421	420	387–452
Sulfate	5.07	5.48	3.28–7.61
Total solids at 105°	370	381	307–455
Total dissolved solids at 180°	378	357	265–449

Analyte	EX Result	ERA Certified Value	Performance Acceptance Limits
Miscellaneous Analytes (mg/L, except as noted)			
Cyanide, total	0.347	0.340	0.232–0.441
Oil and grease (mg/bttl); gravimetric	30.9	30.4	19.3–35.7
Nutrients (mg/L)			
pH (pH units)	9.40	9.40	9.11–9.68
Phenolics, total	0.118	0.123	0.0596–0.186
Total residual chlorine	0.660	0.609	0.436–0.782
Ammonia (as N)	*15.2*	18.5	14.4–22.3
Nitrate (as N)	0.884	0.918	0.686–1.13
Nitrogen by Kjeldahl method	2.78	2.96	1.86–4.09
Ortho-phosphate (as P)	3.67	3.43	2.93–3.97
Total phosphorus (as P)	7.84	7.65	5.82–8.94
PCBs in Water (µg/L)			
PCB 1016	1.85	1.92	1.05–2.32
PCB 1254	1.95	2.00	0.797–2.88
PCBs in Oil (mg/Kg)			
PCB 1254	19.4	32.6	4.39–48.5
PCB 1260	11.2	15.9	3.06–22.9
Pesticides (µg/L)			
Aldrin	0.840	1.12	0.284–1.52
alpha-BHC	3.80	4.61	1.74–6.69
beta-BHC	4.60	5.86	2.06–8.48
alpha-Chlordane	6.30	6.98	3.11–9.75
Chorldane, technical (µg/L)	5.66	8.22	3.59–11.7
p,p´-DDD	2.80	2.92	1.43–4.08
p,p´-DDE	3.00	3.07	1.45–4.19
p,p´-DDT	6.60	6.36	2.92–8.59
Dieldrin	4.10	4.20	2.17–5.80
Endrin	7.10	7.58	3.49–11.0
Heptachlor	1.90	2.69	0.709–3.75
Heptachlor epoxide	2.10	2.56	1.30–3.29
Methoxyclor	9.70	9.10	3.42–14.0
Volatiles (µg/L)			
Benzene	22.1	21.0	14.9–27.4
Bromodichloromethane	46.8	41.1	29.1–53.5
Bromoform	40.5	34.2	21.9–46.9
Carbon tetrachloride	57.9	53.5	33.1–75.5
Chlorobenzene	22.8	21.1	15.4–26.8
Chlorodibromomethane	45.1	41.0	27.1–54.4
Chloroform	25.9	24.9	17.5–32.1
1,2-Dichlorobenzene	49.8	43.9	30.9–55.6
1,3-Dichlorobenzene	31.5	27.5	19.3–34.5
1,4-Dichlorobenzene	34.9	31.7	21.7–41.1
1,2-Dichloroethane	40.8	38.8	26.9–51.8
Ethylbenzene	29.2	25.6	17.3–33.3
Methylene chloride	37.2	35.8	22.6–49.6
4-Methyl-2-pentanone (MIBK)	24.1	20.4	7.79–31.8
Styrene	25.3	25.5	14.4–34.3
1,1,1,2-Tetrachloroethane	73.0	66.1	40.4–90.7
Tetrachloroethylene	23.2	23.6	15.6–30.6

Analyte	EX Result	ERA Certified Value	Performance Acceptance Limits
Toluene	40.6	38.4	27.5–48.1
1,1,1-Trichloroethane	45.2	42.6	27.6–56.2
Trichloroethylene	58.0	55.3	35.9–71.5

† Result was not reported by laboratory

Note: The true value is based on gravimetric calculations or a reference value when necessary. Reported values that were out of range appear in **bold**. In cases where the laboratory was asked to check for error, the reported values appear in ***bold italic***.

Table 48. GE Performance Evaluation, Water Pollution Study WP53

Analyte	GE Result	ERA Certified Value	Performance Acceptance Limits
Coliforms CFU/100mL)			
Fecal coliforms	20	24	2–41
Total coliforms	20	29	1–45
Demand (mg/L)			
Biochemical oxygen demand (BOD)	19.8	17.4	8.47–26.4
Carbonaceous BOD	16.8	15.1	6.73–23.5
Chemical oxygen demand	24.8	27.9	15.7–38.3
Total organic carbon	11.8	11.0	9.05–13.1
Grease and Oil (mg/bottle)			
Grease and oil (gravimetric)	48.9	48.3	32.5–54.3
Hardness (mg/L)			
Calcium	**8.03**	78.0	69.8–88.3
Calcium hardness (as $CaCO_3$)	**20.1**	195	154–236
Magnesium	**2.80**	27.9	24.4–31.2
Total hardness (as $CaCO_3$)	**31.6**	310	284–337
Total suspended solids	86.0	85.9	66.6–92.8
Minerals (mg/L, except as noted)			
Alkalinity (as $CaCO_3$)	13.7	12.3	9.07–16.8
Chloride	99.4	97.4	88.4–106
Fluoride	3.84	3.96	3.47–4.40
Potassium	18.1	17.6	16.1–20.2
Sodium	69.5	68.9	62.2–75.6
Specific conductance (µS/cm)	***440***	414	382–447
Sulfate	10.7	11.7	8.54–14.0
Total dissolved solids at 180°C	219	211	155–268
Total solids at 105°C	240	223	180–266
Miscellaneous Analytes (mg/L, except as noted)			
Cyanide, total	0.709	0.840	0.584–1.08
pH (pH units)	***6.23***	6.10	5.96–6.24
Phenolics, total	***0.514***	0.768	0.419–1.12
Total residual chlorine	4.36	4.21	3.48–4.94

Analyte	EX Result	ERA Certified Value	Performance Acceptance Limits
Nutrients (mg/L)			
Ammonia as N	12.2	12.1	9.80–14.7
Nitrate as N	23.4	23.7	18.8–28.1
Nitrogen by Kjeldahl method	9.12	8.11	5.71–10.3
Ortho-phosphate (as P)	0.896	0.879	0.736–1.03
Total phosphorus (as P)	***8.10***	7.21	5.48–8.43
PCBs in Water, Standard 1 (µg/L)			
PCB 1016	<0.125	0.00	NA–NA
PCB 1232	2.30	2.78	0.541–4.57
PCB 1242	<0.125	0.00	NA–NA
PCB 1248	<0.125	0.00	NA–NA
PCB 1254	<0.125	0.00	NA–NA
PCB 1260	<0.125	0.00	NA–NA
PCBs in Water, Standard 2 (µg/L)			
PCB 1016	<0.125	0.00	NA–NA
PCB 1232	<0.125	0.00	NA–NA
PCB 1242	<0.125	0.00	NA–NA
PCB 1248	1.80	2.21	0.800–3.04
PCB 1254	<0.125	0.00	NA–NA
PCB 1260	<0.125	0.00	NA–NA
Pesticides (µg/L)			
Aldrin	***0.640***	0.520	0.130–0.705
alpha-BHC	5.53	6.70	2.53–9.72
beta-BHC	2.88	3.26	1.14–4.72
gamma-BHC (Lindane)	2.36	2.86	1.08–4.25
gamma-Chlordane	2.75	3.06	1.75–4.05
Chlordane, technical	2.90	4.75	2.08–6.76
p,p´-DDD	6.06	6.50	3.21–9.06
p,p´-DDE	1.31	1.18	0.558–1.01
p,p´-DDT	1.20	1.10	0.387–1.61
Dieldrin	2.88	3.14	1.62–4.33
Endrin	2.98	3.28	1.51–4.78
Heptachlor	2.75	3.05	0.803–4.25
Heptachlor epoxide	1.55	1.75	0.889–2.25
Trace Metals (µg/L)			
Aluminum	1,530	1,540	1,320–1,750
Antimony	448	451	314–544
Arsenic	146	150	122–178
Barium	496	505	369–641
Beryllium	85.2	89.0	74.5–101
Boron	272	255	186–324
Cadmium	593	616	526–699
Chromium	628	647	564–732
Cobalt	140	141	123–159
Copper	362	376	340–414
Iron	***215***	240	208–277
Lead	774	803	703–900
Manganese	2,530	2,630	2,370–3,030
Mercury	7.63	7.50	5.56–9.42
Molybdenum	578	598	510–676
Nickel	2,690	2,680	2,300–2,930

Analyte	GE Result	ERA Certified Value	Performance Acceptance Limits
Selenium	228	230	170–268
Silver	451	489	420–560
Strontium	247	253	215–290
Thallium	130	130	110–164
Titanium	59.7	61.0	51.2–70.0
Vanadium	2,000	2,060	1,860–2,260
Zinc	1,790	1,860	1,650–2,080
Volatiles (µg/L)			
Benzene	71.7	65.8	47.6–84.5
Bromodichloromethane	50.0	52.5	37.2–68.3
Bromoform	59.8	52.1	33.9–71.3
Carbon tetrachloride	39.1	38.2	23.7–53.9
Chlorobenzene	27.7	26.6	19.1–33.7
Chlorodibromomethane	11.3	11.9	7.79–15.7
Chloroform	68.0	72.0	49.8–92.2
1,2-Dichlorobenzene	19.6	19.7	13.6–25.4
1,3-Dichlorobenzene	45.1	43.5	30.7–54.3
1,4-Dichlorobenzene	38.0	36.6	25.1–47.3
1,1-Dichloroethane	32.0	31.0	18.0–43.7
1,2-Dichloroethane	40.0	38.8	26.9–51.8
Ethylbenzene	16.4	17.6	13.0–22.6
Methylene chloride	11.3	9.95	6.87–15.6
4-Methyl-2-pentanone	35.0	37.4	14.3–58.4
Tetrachloroethylene	53.3	47.4	31.3–60.8
Toluene	20.8	21.1	14.9–26.8
1,1,1-Trichloroethane	27.2	26.0	17.0–34.3
Trichloroethylene	57.5	53.7	34.8–69.4
Xylenes, total	42.0	43.0	21.2–60.7

† Result was not reported by laboratory
NA Not applicable

Note: The true value is based on gravimetric calculations or a reference value when necessary. Reported values that were out of range appear in **bold**. In cases where the laboratory was asked to check for error, the reported values appear in ***bold italic***.

Table 49. WA Performance Evaluation, Water Pollution Study WP54

Analyte	WA Result	ERA Certified Value	Performance Acceptance Limits
Demand (mg/L)			
Biochemical oxygen demand (BOD)	***41.0***	69.6	35.1–104
Carbonaceous BOD	40.0	60.0	26.9–93.0
Chemical oxygen demand	108	112	84.3–131
Total organic carbon	42.9	44.5	37.1–51.3
Hardness (mg/L)			
Calcium	47.8	47.3	42.2–53.7
Calcium hardness (as $CaCO_3$)	116	118	93.3–143
Magnesium	17.9	17.3	15.1–19.4
Total hardness	195	189	172–207
Total suspended solids	**28.6**	42.7	31.9–45.7

Analyte	WA Result	ERA Certified Value	Performance Acceptance Limits
Minerals (mg/L, except as noted)			
Alkalinity (as $CaCO_3$)	65.2	63.6	56.9–70.4
Chloride	**84.4**	76.7	69.2–83.9
Fluoride	1.80	1.97	1.71–2.21
Potassium	10.5	11.3	9.53–13.0
Sodium	***71.5***	79.0	71.4–86.5
Specific conductance (µS/cm)	***383***	409	377–441
Sulfate	7.48	8.85	6.13–11.4
Total solids at 105°	284	300	241–358
Total dissolved solids	319	291	218–364
Miscellaneous Analytes (mg/L, except as noted)			
Cyanide, total	0.470	0.519	0.358–0.669
Grease and oil; gravimetric (mg/bttl)	24.7	33.1	21.3–38.5
pH (pH units)	8.80	8.80	8.54–9.06
Phenolics, total	0.690	0.556	0.302–0.811
Total residual chlorine	0.930	0.859	0.653–1.06
Nutrients, simple (mg/L)			
Ammonia (as N)	17.8	17.9	14.0–21.7
Nitrate (as N)	7.05	7.34	5.79–8.74
Ortho-phosphate (as P)	1.40	1.43	1.21–1.66
Nutrients, complex (mg/L)			
Total phosphorus (as P)	7.52	7.38	5.61–8.63
Nitrogen by kjeldahl method	3.10	2.89	1.81–4.01
Pesticides (µg/L)			
Aldrin	1.24	1.80	0.459–2.43
alpha-BHC	6.80	7.07	2.67–10.3
beta-BHC	2.29	2.30	0.807–3.33
alpha-Chlordane	1.96	2.05	0.914–2.86
4,4'-DDD	3.79	4.06	2.00–5.67
4,4'-DDE	0.730	0.658	0.303–0.896
4,4'-DDT	2.49	2.65	1.20–3.60
Dieldrin	1.59	1.70	0.876–2.35
Endrin	6.31	5.26	2.42–7.66
Heptachlor	1.30	1.63	0.433–2.27
Heptachlor epoxide	2.10	2.38	1.21–3.06
Methoxyclor	6.62	6.47	2.43–9.97
Volatiles (µg/L)			
Acetone	< 10.0	< 5.00	NA
Acetonitrile	< 20.0	< 5.00	NA
Acrolein	< 20.0	< 5.00	NA
Benzene	31.6	33.2	23.8–42.9
Bromodichloromethane	48.7	51.9	36.8–67.5
Bromoform	37.8	36.6	23.5–50.2
Bromomethane	< 10.0	< 5.00	NA
2-Butanone	< 10.0	< 5.00	NA
Carbon disulfide	< 5.0	< 5.00	NA
Carbon tetrachloride	32.0	35.5	22.1–50.1
Chlorobenzene	57.6	57.0	40.1–72.6
Chlorodibromomethane	13.0	13.1	8.58–17.3
Chloroethane	< 10.0	< 5.00	NA

Analyte	WA Result	ERA Certified Value	Performance Acceptance Limits
2-Chloroethylvinylether	< 10.0	< 5.00	NA
Chloroform	26.5	27.9	19.6–36.0
Chloromethane	< 10.0	< 5.00	NA
DBCP	< 5.00	< 5.00	NA
1,2-Dibromoethane	< 5.00	< 5.00	NA
Dibromomethane	< 5.00	< 5.00	NA
1,2-Dichlorobenzene	14.8	15.3	10.5–19.9
1,3-Dichlorobenzene	42.0	48.6	34.4–60.5
1,4-Dichlorobenzene	53.3	59.1	40.7–76.0
Dichlorodifluoromethane	< 10.0	< 5.00	NA
1,1-Dichloroethane	< 5.00	< 5.00	NA
1,2-Dichloroethane	45.6	49.0	33.9–65.3
1,1-Dichloroethylene	< 5.00	< 5.00	NA
cis-1,2-Dichloroethylene	< 5.00	< 5.00	NA
trans-1,2-Dichloroethylene	< 5.00	< 5.00	NA
1,2-Dichloropropane	< 5.00	< 5.00	NA
cis-1,3-Dichloropropylene	< 5.00	< 5.00	NA
trans-1,3-Dichloropropylene	< 5.00	< 5.00	NA
Ethylbenzene	46.3	48.3	32.2–63.1
2-Hexanone	< 10.0	< 5.00	NA
Methylene chloride	19.7	24.6	15.6–34.4
Methyl isobutyl ketone	34.2	36.0	13.7–56.2
Styrene	36.2	39.1	22.1–52.6
1,1,1,2-Tetrachloroethane	< 5.00	< 5.00	NA
1,1,2,2-Tetrachloroethane	< 5.00	< 5.00	NA
Tetrachloroethylene	16.3	17.1	11.3–22.3
Toluene	53.8	55.8	40.2–69.6
1,1,1-Trichloroethane	21.9	23.8	15.6–31.4
1,1,2-Trichloroethane	< 5.00	< 5.00	NA
Trichloroethylene	57.7	57.5	37.3–74.3
Trichlorofluoromethane	< 5.00	< 5.00	NA
1,2,3-Trichloropropane	< 5.00	< 5.00	NA

† Result was not reported by laboratory
NA Not applicable

Note: The true value is based on gravimetric calculations or a reference value when necessary. Reported values that were out of range appear in **bold**. In cases where the laboratory was asked to check for error, the reported values appear in ***bold italic***.

Table 50. GE Performance Evaluation, Water Pollution Study WP56

Analyte	GE Result	ERA Certified Value	Performance Acceptance Limits
Chlordane (µg/L)			
Chlordane	†	9.26	4.04–13.2
PCBs in H_2O (µg/L) (Standard 1)			
PCB in water	†	8.96	2.60–12.5
PCB aroclor identity	†	1,016	1,016/1,242

Analyte	GE Result	ERA Certified Value	Performance Acceptance Limits
PCBs in H_2O (µg/L) (Standard 2)			
PCB in water	†	3.55	1.26–5.30
PCB aroclor identity	†	1,232	1,232
PCBs in Oil (µg/L) (Standard 1)			
PCB in oil	9.39	15.6	9.36–20.3
PCB aroclor identity	1,254	1,254	1,254
PCBs in Oil (µg/L) (Standard 2)			
PCB in oil	29.6	39.0	16.6–57.5
PCB aroclor identity	1,260	1,260	1,260

† Result was not reported by laboratory

Table 51. Laboratory Control Sample Recoveries for EX

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA300.0					
Nitrate as nitrogen	0/8	101	1.30	99.0	102
Nitrate-nitrite as nitrogen	0/8	100	1.31	98.0	102
EPA6010B					
Aluminum	0/8	109	2.72	105	114
Antimony	0/2	114	2.12	112	115
Arsenic	0/10	104	3.52	100	109
Barium	0/8	108	2.43	105	113
Beryllium	0/2	113	2.83	111	115
Boron	0/13	111	2.30	109	116
Cadmium	0/10	110	2.53	107	115
Chromium	0/10	111	2.51	109	116
Copper	0/2	109	2.83	107	111
Iron	0/8	109	2.38	107	114
Lead	0/21	100	4.73	93.0	109
Manganese	0/13	110	3.36	106	115
Nickel	0/2	110	2.83	108	112
Selenium	0/10	107	4.10	102	114
Silver	0/10	111	2.42	108	116
Thallium	0/2	110	2.12	108	111
Zinc	0/2	112	3.54	109	114
EPA7470A					
Mercury	0/20	102	2.95	99.0	108
EPA8081A					
Aldrin	0/4	94.0	1.15	93.0	95.0
p,p´-DDT	0/4	107	5.77	102	112
Dieldrin	0/4	105	1.15	104	106
Endrin	0/4	101	1.73	99.0	102
Heptachlor	0/4	103	3.46	100	106
Lindane	0/4	100	0.0	100	100

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8082					
PCB 1260	0/4	112	0.0	112	112
EPA8260B					
Acetonitrile	0/4	93.5	5.51	88.0	100
Allyl chloride	0/4	94.3	12.5	82.0	109
Benzene	0/38	101	4.08	94.0	113
Chlorobenzene	0/38	103	3.71	97.0	116
Chloroprene	0/4	103	14.6	85.0	115
trans-1,4-Dichloro-2-butene	0/4	111	2.63	107	113
1,1-Dichloroethylene	0/38	100	4.72	91.0	109
1,4-Dioxane	0/4	81.8	3.77	77.0	86.0
Methacrylonitrile	0/4	111	13.7	95.0	123
Methyl methacrylate	0/4	101	3.86	99.0	107
Pentachloroethane	0/4	246	175	94.0	402
Propionitrile	0/4	101	14.0	85.0	114
Toluene	0/38	104	6.51	94.0	124
Trichloroethylene	0/38	102	5.64	85.0	114
EPA8270C					
Acenaphthene	0/2	82.0	1.41	81.0	83.0
4-Chloro-m-cresol	0/2	71.5	0.71	71.0	72.0
2-Chlorophenol	0/2	68.5	2.12	67.0	70.0
2,4-Dinitrotoluene	1/2	98.0	5.66	94.0	102
4-Nitrophenol	2/2	92.5	4.95	89.0	96.0
N-Nitrosodipropylamine	0/2	86.0	0.0	86.0	86.0
Pentachlorophenol	0/2	90.5	2.12	89.0	92.0
Phenol	0/2	68.0	1.41	67.0	69.0
Pyrene	0/2	67.0	1.41	66.0	68.0
1,2,4-Trichlorobenzene	0/2	76.0	1.41	75.0	77.0
EPA9014					
Cyanide	0/2	96.5	0.71	96.0	97.0

† Number of batches qualified that exhibit poor laboratory control sample and blank spike recovery due to interference compared to the total number of batches containing laboratory control samples and blank spikes.

Note: A value of 0 is reported as 0.0.

Table 52. Laboratory Control Sample Recoveries for GE

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA160.1					
Total dissolved solids	0/7	99.6	1.16	97.3	101
EPA300.0					
Chloride	0/1	98.0	—	98.0	98.0
Sulfate	0/4	98.5	3.0	95.0	101
EPA310.1					
Alkalinity (as $CaCO_3$)	0/6	97.7	1.03	96.0	99.0

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA353.1					
Nitrate-nitrite as nitrogen	0/17	101	7.37	94.0	119
EPA365.4					
Total phosphates (as P)	0/2	83.0	2.83	81.0	85.0
EPA376.2					
Sulfide	0/1	102	—	102	102
EPA6010B					
Aluminum	0/17	98.1	3.44	93.5	104
Antimony	0/7	98.4	4.19	92.5	104
Arsenic	0/7	97.4	4.59	90.1	103
Barium	0/7	100	4.83	93.3	109
Beryllium	0/1	95.0	—	95.0	95.0
Boron	0/8	101	3.60	94.6	106
Cadmium	0/7	99.3	4.61	93.5	106
Calcium	0/1	96.1	—	96.1	96.1
Chromium	0/7	102	3.60	96.0	106
Cobalt	0/1	95.3	—	95.3	95.3
Copper	0/7	98.8	3.61	93.9	104
Iron	0/17	99.9	5.67	89.6	111
Lead	0/7	101	3.86	95.1	106
Magnesium	0/1	95.8	—	95.8	95.8
Manganese	0/2	94.7	0.21	94.5	94.8
Nickel	0/7	101	4.67	94.1	107
Potassium	0/1	92.9	—	92.9	92.9
Selenium	0/7	99.6	4.95	92.6	107
Silver	0/7	99.6	4.33	93.4	106
Sodium	0/1	98.4	—	98.4	98.4
Thallium	0/1	94.5	—	94.5	94.5
Tin	0/6	102	2.73	98.0	106
Vanadium	0/1	98.1	—	98.1	98.1
Zinc	0/7	102	3.29	98.5	106
EPA6020					
Aluminum	0/13	98.0	7.43	87.7	113
Antimony	0/14	103	1.93	99.1	107
Arsenic	0/14	93.0	5.39	83.9	100
Barium	0/14	102	3.24	97.4	108
Beryllium	0/17	103	9.18	89.0	117
Boron	0/1	81.7	—	81.7	81.7
Cadmium	0/14	100	3.51	94.0	105
Chromium	0/14	105	5.41	93.0	114
Cobalt	0/14	103	5.66	93.0	110
Copper	0/14	104	6.94	93.2	117
Cesium	0/1	103	—	103	103
Iron	3/13	116	15.4	100	145
Lead	0/14	101	3.11	94.9	106
Lithium	0/4	108	6.96	99.1	115
Magnesium	0/1	103	—	103	103
Manganese	0/1	99.9	—	99.9	99.9
Molybdenum	0/1	93.3	—	93.3	93.3
Nickel	0/14	103	6.19	93.1	112
Potassium	0/1	92.6	—	92.6	92.6
Selenium	1/14	95.1	8.92	75.6	105
Silver	0/14	108	6.67	103	130
Sodium	0/1	95.0	—	95.0	95.0

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
Strontium	0/1	85.6	—	85.6	85.6
Thallium	0/16	95.5	5.42	81.6	104
Tin	0/16	105	2.0	101	109
Titanium	0/1	97.1	—	97.1	97.1
Uranium	0/2	97.6	4.88	94.1	101
Vanadium	0/15	104	5.51	96.7	120
Zinc	0/14	93.9	6.0	81.7	102
EPA7470A					
Mercury	0/27	99.8	6.67	82.6	109
EPA8081A					
Aldrin	0/3	93.3	3.11	90.1	96.3
p,p´-DDT	0/3	92.2	4.17	88.7	96.8
Dieldrin	0/3	93.8	4.95	89.0	98.9
Endrin	0/3	116	2.0	114	118
Heptachlor	0/3	106	6.54	98.2	110
Lindane	0/3	97.7	8.85	89.4	107
EPA8082					
PCB 1260	0/4	82.5	6.86	77.0	92.0
EPA8151A					
2,4-Dichlorophenoxyacetic acid	0/1	76.5	—	76.5	76.5
2,4,5-T	0/1	77.1	—	77.1	77.1
2,4,5-TP (Silvex)	0/1	81.4	—	81.4	81.4
EPA8260B					
Acetone	0/3	122	4.86	119	127
Benzene	0/29	100	7.69	84.1	111
Bromodichloromethane	0/3	87.7	0.55	87.4	88.3
Bromoform	0/3	100	0.46	99.7	101
Bromomethane	0/3	104	0.22	104	104
Carbon disulfide	0/3	122	1.13	121	123
Carbon tetrachloride	0/3	93.5	0.80	93.0	94.4
Chlorobenzene	0/29	100	5.82	90.3	112
Chloroethane	0/3	88.7	1.17	87.3	89.3
Chloroethene	0/3	104	1.97	102	105
2-Chloroethyl vinyl ether	0/3	80.0	10.4	68.0	86.0
Chloroform	0/3	90.2	0.40	90.0	90.7
Chloromethane	0/3	105	2.72	102	107
Dibromochloromethane	0/3	97.6	0.73	97.2	98.4
1,1-Dichloroethane	0/3	85.4	0.22	85.2	85.6
1,2-Dichloroethane	0/3	86.1	0.71	85.7	86.9
1,1-Dichloroethylene	0/29	105	9.34	87.3	118
1,2-Dichloroethylene	0/1	86.1	—	86.1	86.1
cis-1,2-Dichloroethylene	0/3	88.7	0.64	88.4	89.5
trans-1,2-Dichloroethylene	0/3	83.9	0.09	83.8	84.0
Dichloromethane	0/3	90.5	0.61	90.2	91.2
1,2-Dichloropropane	0/3	91.6	0.27	91.4	91.9
cis-1,3-Dichloropropene	0/3	90.3	0.01	90.3	90.3
trans-1,3-Dichloropropene	0/3	85.6	0.35	85.2	85.8
Ethylbenzene	0/3	90.7	0.11	90.5	90.7
2-Hexanone	0/3	133	2.79	131	136
Methyl ethyl ketone	0/3	131	4.26	129	136
Methyl isobutyl ketone	0/3	113	1.93	112	116
Styrene	0/3	98.5	0.19	98.3	98.7

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
1,1,2,2-Tetrachloroethane	0/3	97.2	0.76	96.8	98.1
Tetrachloroethylene	0/3	95.4	0.26	95.1	95.6
Toluene	0/29	100	7.32	85.5	112
1,1,1-Trichloroethane	0/3	94.9	0.35	94.7	95.3
1,1,2-Trichloroethane	0/3	94.9	0.54	94.6	95.5
Trichloroethylene	0/29	104	7.93	90.0	116
Trichlorofluoromethane	0/3	99.6	2.40	96.9	101
Vinyl acetate	0/3	73.7	0.26	73.4	73.8
Xylenes	0/3	92.0	0.16	91.9	92.2
EPA8270C					
Acenaphthene	0/2	79.5	6.58	74.8	84.1
4-Chloro-m-cresol	0/2	80.8	7.42	75.5	86.0
2-Chlorophenol	0/2	75.2	6.43	70.6	79.7
1,4-Dichlorobenzene	0/2	70.7	4.95	67.2	74.2
2,4-Dinitrotoluene	0/2	84.7	10.3	77.4	91.9
4-Nitrophenol	0/2	30.9	2.55	29.1	32.7
N-Nitrosodipropylamine	0/2	77.1	5.30	73.3	80.8
Pentachlorophenol	0/2	83.4	8.41	77.4	89.3
Phenol	0/2	42.1	1.56	41.0	43.2
Pyrene	0/2	79.2	9.12	72.7	85.6
1,2,4-Trichlorobenzene	0/2	72.8	4.45	69.6	75.9
EPA9012A					
Cyanide	0/7	95.3	9.31	84.6	111
EPA9020B					
Total organic halogens	0/2	99.3	6.72	94.5	104
EPA9034					
Sulfide	4/4	64.0	2.40	61.0	65.9
EPA9040B					
pH	0/24	100	0.04	99.8	100
EPA9050A					
Specific conductance	0/19	98.3	3.65	94.0	104
EPA9056					
Fluoride	0/1	104	—	104	104
EPA9060					
Total organic carbon	0/2	101	13.2	91.4	110
EPA9066					
Phenols	0/6	93.7	4.47	87.4	101

† Number of batches qualified that exhibit poor laboratory control sample and blank spike recovery due to interference compared to the total number of batches containing laboratory control samples and blank spikes.
— Standard deviation cannot be determined.

Note: A value of 0 is reported as 0.0.

Table 53. Laboratory Control Sample Recoveries for WA

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA160.1					
Total dissolved solids	2/34	95.6	11.7	52.0	121
EPA310.1					
Alkalinity (as $CaCO_3$)	0/12	99.1	1.64	95.8	101
EPA340.2					
Fluoride	0/26	97.3	4.46	90.8	107
EPA353.2					
Nitrate as nitrogen	0/2	98.1	2.12	96.6	99.6
Nitrate-nitrite as nitrogen	0/26	99.5	4.39	92.4	108
EPA365.2					
Total phosphates (as P)	0/28	99.0	2.93	93.6	105
EPA6010B					
Aluminum	0/29	99.7	3.53	96.7	114
Antimony	0/11	101	2.67	96.7	105
Arsenic	0/19	99.9	2.64	95.1	104
Barium	0/16	99.5	3.87	96.3	113
Beryllium	0/6	101	2.28	97.2	104
Boron	0/16	96.1	2.48	91.8	100
Cadmium	0/21	99.9	3.47	94.9	111
Calcium	0/12	98.9	2.83	96.7	104
Chromium	0/17	100	3.38	97.0	112
Cobalt	0/4	99.3	2.57	95.8	102
Copper	0/11	99.4	5.10	92.0	113
Iron	0/27	99.8	3.27	97.0	112
Lead	0/21	99.5	3.63	95.4	112
Lithium	0/16	104	3.25	96.4	110
Magnesium	0/11	97.7	3.34	95.0	104
Manganese	0/14	102	1.81	99.3	105
Nickel	0/11	100	4.24	95.7	111
Potassium	0/11	103	2.49	98.5	108
Selenium	0/19	100	3.82	92.7	106
Silica	0/10	95.6	2.50	93.0	102
Silver	0/18	99.9	2.02	97.3	104
Sodium	0/12	96.6	3.34	93.9	104
Thallium	0/4	101	3.01	96.2	103
Tin	0/11	101	2.64	96.6	105
Vanadium	0/4	102	2.50	101	106
Zinc	0/11	101	4.43	94.5	112
EPA7470A					
Mercury	0/20	104	2.54	97.5	108
EPA8021B					
Carbon tetrachloride	0/5	92.5	22.1	55.1	113
Chloroform	0/5	94.6	20.7	59.2	113
cis-1,2-Dichloroethylene	0/5	93.0	20.8	57.8	112
Tetrachloroethylene	0/5	106	20.5	71.7	125
1,1,1-Trichloroethane	0/5	92.1	20.8	57.3	113
Trichloroethylene	1/5	92.4	23.0	52.5	109

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8081A					
Aldrin	0/6	75.0	12.6	60.0	90.0
p,p´-DDT	0/6	95.3	7.55	86.0	104
Dieldrin	0/6	98.0	4.38	92.0	104
Endrin	2/6	115	10.2	100	130
Heptachlor	0/6	88.3	17.5	70.0	115
Lindane	0/6	93.3	6.06	85.0	100
EPA8082					
PCB 1254	0/6	90.2	3.80	85.3	96.3
EPA8141A					
Dimethoate	2/5	84.0	12.9	71.0	101
Disulfoton	0/5	90.7	6.29	84.1	99.4
Famphur	0/5	98.5	9.58	88.4	112
Parathion ethyl	0/5	95.4	8.48	86.2	106
Parathion methyl	0/5	98.1	9.61	87.8	110
Phorate	0/5	94.2	7.81	86.5	103
Sulfotepp	0/5	94.2	7.79	87.1	103
Thionazin	0/5	95.8	9.03	87.1	106
O,O,O-Triethyl phosphorothioate	0/5	90.5	8.48	81.8	101
EPA8151A					
2,4-Dichlorophenoxyacetic acid	4/6	108	38.9	45.0	157
2,4,5-T	3/6	106	38.9	46.8	158
2,4,5-TP (Silvex)	3/6	92.5	34.9	37.6	138
EPA8260B					
Benzene	0/17	98.1	7.92	85.1	110
Chlorobenzene	0/17	95.8	3.80	90.1	104
1,1-Dichloroethylene	1/17	90.5	17.3	58.3	112
Toluene	0/17	96.9	4.88	87.6	106
Trichloroethylene	0/17	90.0	6.51	78.4	99.2
EPA8270C					
Acenaphthene	1/6	57.5	26.2	5.57	75.7
Bis(2-ethylhexyl) phthalate	0/1	89.2	—	89.2	89.2
4-Chloro-m-cresol	1/6	64.6	31.2	3.20	86.1
2-Chlorophenol	1/6	60.5	28.3	3.74	77.0
1,4-Dichlorobenzene	1/6	51.1	24.2	5.49	72.7
2,4-Dinitrotoluene	0/5	68.1	6.85	59.7	77.8
4-Nitrophenol	0/5	64.9	5.35	57.9	71.2
N-Nitrosodipropylamine	1/6	45.3	24.7	2.20	79.2
Pentachlorophenol	0/5	75.4	14.1	54.5	90.2
Phenol	1/6	60.1	29.1	1.01	76.1
Pyrene	1/6	71.8	35.3	3.45	99.9
1,2,4-Trichlorobenzene	1/6	59.8	28.7	4.43	82.0
EPA8280A					
Hexachlorodibenzo-p-dioxins	0/3	80.7	1.15	80.0	82.0
Hexachlorodibenzo-p-furans	0/3	91.0	5.20	85.0	94.0
Pentachlorodibenzo-p-furans	0/6	100	4.52	92.0	104

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
2,3,7,8-TCDD	0/4	96.3	1.50	95.0	98.0
Tetrachlorodibenzo-p-dioxins	0/3	95.7	1.15	95.0	97.0
Tetrachlorodibenzo-p-furans	0/3	84.0	0.0	84.0	84.0
EPA9010B					
Cyanide	0/2	101	4.17	98.1	104
EPA9014					
Cyanide	0/10	95.1	3.91	88.7	98.9
EPA9020B					
Total organic halogens	0/19	100	8.25	80.8	111
EPA9034					
Sulfide	0/13	99.7	0.95	98.0	101
EPA9050A					
Specific conductance	0/6	97.8	2.35	94.7	100
EPA9056					
Chloride	0/12	93.9	1.63	92.7	97.1
Sulfate	0/12	95.0	1.58	92.1	96.8
EPA9060					
Total organic carbon	0/22	99.4	4.84	86.1	107
EPA9066					
Phenols	0/18	98.9	5.45	90.0	108

† Number of batches qualified that exhibit poor laboratory control sample and blank spike recovery due to interference compared to the total number of batches containing laboratory control samples and blank spikes.
— Standard deviation cannot be determined.

Note: A value of 0 is reported as 0.0.

Table 54. Laboratory Control Sample Recoveries for ML

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA6010B					
Aluminum	0/3	98.7	4.46	94.1	103
Antimony	0/3	104	5.22	99.8	110
Arsenic	0/3	105	5.13	99.8	110
Barium	0/3	108	6.0	102	114
Beryllium	0/3	103	4.41	99.4	108
Cadmium	0/3	106	6.0	100	112
Calcium	0/3	104	4.51	100	109
Chromium	0/3	105	4.16	102	110
Cobalt	0/3	105	5.51	100	111
Copper	0/3	106	5.57	100	111
Iron	0/3	106	4.51	101	110
Lead	0/3	106	4.99	99.9	109
Magnesium	0/3	106	6.56	98.9	112

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
Manganese	0/3	105	4.51	101	110
Nickel	0/3	106	5.57	100	111
Potassium	0/3	99.0	1.76	97.9	101
Selenium	0/3	105	4.51	100	109
Silver	0/3	104	6.06	97.1	109
Sodium	0/3	108	6.08	104	115
Thallium	0/3	105	1.53	104	107
Vanadium	0/3	106	3.51	102	109
Zinc	0/3	103	3.90	99.2	107
EPA7470A					
Mercury	0/3	102	5.18	96.2	106
EPA8081A					
Aldrin	0/1	70.3	—	70.3	70.3
p,p´-DDT	0/1	76.7	—	76.7	76.7
Dieldrin	0/1	76.0	—	76.0	76.0
Endrin	0/1	84.6	—	84.6	84.6
Heptachlor	0/3	83.7	9.79	76.6	94.9
Lindane	0/1	76.5	—	76.5	76.5
EPA8082					
PCB 1254	0/1	78.2	—	78.2	78.2
EPA8260B					
Benzene	0/7	99.2	4.55	92.3	107
Chlorobenzene	0/7	94.9	4.0	86.8	98.3
1,1-Dichloroethylene	0/7	87.1	9.51	76.5	98.6
Toluene	0/7	98.0	4.39	89.8	104
Trichloroethylene	0/7	97.5	3.81	92.3	103
EPA8270C					
Acenaphthene	0/1	57.0	—	57.0	57.0
4-Chloro-m-cresol	0/1	49.7	—	49.7	49.7
2-Chlorophenol	0/1	39.6	—	39.6	39.6
1,4-Dichlorobenzene	0/1	40.6	—	40.6	40.6
2,4-Dinitrotoluene	0/1	48.2	—	48.2	48.2
4-Nitrophenol	0/1	7.39	—	7.39	7.39
N-Nitrosodipropylamine	0/1	53.6	—	53.6	53.6
Pentachlorophenol	0/1	61.0	—	61.0	61.0
Phenol	0/1	17.1	—	17.1	17.1
Pyrene	0/1	44.5	—	44.5	44.5
1,2,4-Trichlorobenzene	0/1	41.6	—	41.6	41.6
EPA9014					
Cyanide	0/1	99.8	—	99.8	99.8

† Number of batches qualified that exhibit poor laboratory control sample and blank spike recovery due to interference compared to the total number of batches containing laboratory control samples and blank spikes.
— Standard deviation cannot be determined.

Table 55. Laboratory Control Sample Recoveries for GP

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPIA-001					
Gross alpha	3/32	108	8.72	90.0	122
Nonvolatile beta	2/31	112	8.09	84.0	125
EPIA-002					
Tritium	0/27	97.2	5.19	85.0	105
EPIA-003					
Carbon-14	0/15	95.0	5.63	87.9	109
EPIA-004					
Strontium-89/90	1/5	89.6	17.0	74.7	117
Strontium-90	1/9	94.3	12.7	79.3	116
EPIA-005					
Technetium-99	0/8	106	6.06	98.0	114
EPIA-006					
Iodine-129	0/11	109	7.69	98.2	124
EPIA-008					
Radium-226	0/16	97.9	11.7	79.3	120
EPIA-009					
Radium-228	1/18	107	10.2	84.9	124
EPIA-010					
Radium, total alpha-emitting	0/2	79.9	1.77	78.6	81.1
EPIA-011					
Americium-241	0/9	110	7.11	93.0	118
Curium-243/244	0/10	105	8.83	84.6	117
Plutonium-239/240	0/9	105	8.94	95.5	121
Uranium-238	0/11	92.9	6.77	78.3	100
EPIA-012					
Thorium-232	0/8	98.6	10.3	82.5	116
EPIA-013					
Cesium-137	0/10	99.8	4.26	94.7	108
EPIA-022					
Nickel-63	0/6	96.6	9.91	80.9	103
EPIA-032					
Neptunium-237	0/3	83.7	4.22	79.3	87.7

† Number of batches qualified that exhibit poor laboratory control sample and blank spike recovery due to interference compared to the total number of batches containing laboratory control samples and blank spikes.

Table 56. Laboratory Control Sample Recoveries for TM

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
3500NIEMOD					
Nickel-63	1/2	84.2	19.1	70.7	97.7
ASTMD5174M					
Uranium	0/1	99.9	—	99.9	99.9
EICHROMTC1M					
Technetium-99	0/1	94.6	—	94.6	94.6
EICHROMTC1MOD					
Technetium-99	0/3	100	2.35	97.8	102
EMLSR02MOD					
Strontium-89	1/2	61.1	13.7	51.5	70.8
Strontium-90	0/9	108	11.6	93.6	134
EPA900.0MOD					
Gross alpha	1/33	110	8.80	88.0	124
Nonvolatile beta	0/31	101	5.33	89.7	112
EPA901.1MOD					
Cesium-137	0/4	104	3.60	101	107
Cobalt-60	0/4	96.5	3.90	92.4	99.9
EPA902.0MOD					
Iodine-129	0/3	111	3.17	108	114
EPA903.0MOD					
Radium, total alpha-emitting	0/1	105	—	105	105
Radium-226	0/9	100	6.07	93.7	111
EPA904.0MOD					
Radium-228	0/9	93.0	8.33	80.1	104
EPA906.0MOD					
Tritium	1/35	97.3	7.45	78.1	113

† Number of batches qualified that exhibit poor laboratory control sample and blank spike recovery due to interference compared to the total number of batches containing laboratory control samples and blank spikes.
— Standard deviation cannot be determined.

Note: A value of 0 is reported as 0.0.

Table 57. Surrogate Recoveries for EX

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8081A					
Decachlorobiphenyl	0/6	97.7	4.50	93.0	103
Tetrachloro-m-xylene	0/6	81.0	5.44	77.0	88.0

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8082					
Decachlorobiphenyl	0/6	102	1.03	101	103
Tetrachloro-m-xylene	0/6	90.0	10.3	77.0	99.0
EPA8260B					
p-Bromofluorobenzene	19/241	103	7.81	88.0	125
1,2-Dichloroethane-d4	31/241	104	10.0	83.0	135
Toluene-d8	25/241	102	6.45	89.0	120
EPA8270C					
2-Fluorobiphenyl	0/3	79.3	1.53	78.0	81.0
2-Fluorophenol	0/3	73.7	1.53	72.0	75.0
Nitrobenzene-d5	0/3	89.7	4.04	86.0	94.0
Phenol-d5	0/3	83.0	6.08	79.0	90.0
p-Terphenyl-d14	0/3	77.3	1.15	76.0	78.0
2,4,6-Tribromophenol (surr)	0/3	89.7	3.06	87.0	93.0

† Number of batches qualified that exhibit poor surrogate recovery due to interference compared to the total number of batches containing surrogates.

Table 58. Surrogate Recoveries for GE

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8081A					
Decachlorobiphenyl	0/22	78.3	19.2	39.8	113
Tetrachloro-m-xylene	0/22	100	11.5	78.1	130
EPA8082					
Decachlorobiphenyl	1/34	60.0	11.0	23.8	79.0
Tetrachloro-m-xylene	0/34	72.5	13.7	45.3	101
EPA8151A					
2,4-Dichlorophenylacetic acid	0/5	87.1	7.04	83.5	99.6
EPA8260B					
p-Bromofluorobenzene	16/135	97.1	9.24	84.1	120
Dibromofluoromethane	8/135	100	8.63	75.5	114
Toluene-d8	43/134	99.7	11.1	75.6	122
EPA8270C					
2-Fluorobiphenyl	0/45	67.5	8.73	48.8	84.6
2-Fluorophenol	0/12	46.9	6.69	37.5	60.3
Nitrobenzene-d5	0/45	60.3	9.89	42.5	82.0
Phenol-d5	0/6	27.2	5.39	22.3	34.5
Phenol-d6	0/6	34.6	6.72	24.5	44.3

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
p-Terphenyl-d14	0/45	76.2	18.0	38.4	106
2,4,6-Tribromophenol (surr)	0/12	74.3	7.99	65.7	94.3

† Number of batches qualified that exhibit poor surrogate recovery due to interference compared to the total number of batches containing surrogates.

Table 59. Surrogate Recoveries for WA

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8021B					
Bromochloromethane	1/48	91.7	8.85	58.8	105
EPA8081A					
Decachlorobiphenyl	0/41	104	9.85	79.0	121
Tetrachloro-m-xylene	0/42	69.5	18.3	40.0	112
EPA8082					
Decachlorobiphenyl	0/41	108	15.6	55.0	137
Tetrachloro-m-xylene	0/42	77.6	15.9	27.5	115
EPA8141A					
Triphenyl phosphate	0/35	101	6.85	81.5	117
Tributyl phosphate	0/35	117	52.2	89.0	375
EPA8151A					
2,4-Dichlorophenylacetic acid	2/40	105	37.9	5.75	155
EPA8260B					
p-Bromofluorobenzene	4/285	92.6	5.11	80.0	111
1,2-Dichloroethane-d4	2/285	93.1	4.59	80.0	118
Toluene-d8	0/285	98.1	3.34	86.0	109
EPA8270C					
2-Fluorobiphenyl	0/66	58.0	18.5	2.03	86.4
2-Fluorophenol	2/51	53.0	21.0	2.17	82.0
Nitrobenzene-d5	0/65	63.5	20.3	1.55	93.2
Phenol-d5	0/50	51.1	17.3	0.92	81.5
p-Terphenyl-d14	0/65	75.4	21.0	2.09	106
2,4,6-Tribromophenol (surr)	1/49	58.2	20.5	2.22	87.4
EPA8280A					
Carbon 13-labeled 1,2,3,6,7,8-HXCDD	0/28	66.3	5.40	57.0	75.0
Carbon 13-labeled 2,3,7,8-TCDD	0/30	68.7	7.40	51.0	87.0
Carbon 13-labeled 2,3,7,8-TCDF	0/28	64.8	7.81	52.0	88.0
Carbon 13-labeled HPCDF	0/28	70.1	6.99	54.0	81.0

† Number of batches qualified that exhibit poor surrogate recovery due to interference compared to the total number of batches containing surrogates.

Table 60. Surrogate Recoveries for ML

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8081A					
Decachlorobiphenyl	0/19	71.2	14.5	47.3	90.4
Tetrachloro-m-xylene	0/19	73.6	8.87	56.3	88.0
EPA8082					
Decachlorobiphenyl	0/7	79.7	13.9	51.1	95.2
EPA8260B					
p-Bromofluorobenzene	1/52	93.9	2.10	83.3	97.0
Dibromofluoromethane	0/52	106	2.41	101	114
Toluene-d8	2/52	107	2.06	102	111
EPA8270C					
2-Fluorobiphenyl	0/7	51.7	4.98	47.4	61.9
2-Fluorophenol	0/7	29.4	2.07	27.0	32.8
Nitrobenzene-d5	0/7	59.8	3.91	56.6	67.3
Phenol-d6	0/7	17.8	1.05	16.6	19.2
p-Terphenyl-d14	0/7	65.8	4.24	60.7	73.2
2,4,6-Tribromophenol (surr)	0/7	61.8	4.54	52.3	65.8

† Number of batches qualified that exhibit poor surrogate recovery due to interference compared to the total number of batches containing surrogates.

Table 61. Matrix Spike Recoveries for EX

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA300.0						
Nitrate as nitrogen	0/5	102	2.55	2.0	99.0	105
Nitrate-nitrite as nitrogen	0/5	107	11.0	7.0	96.0	121
EPA6010B						
Aluminum	0/8	107	4.07	7.0	100	111
Arsenic	0/8	99.0	3.46	-1.0	94.0	106
Barium	0/8	106	3.27	6.0	100	109
Boron	0/6	114	3.27	14.0	111	119
Cadmium	0/8	107	2.67	7.0	104	112
Chromium	0/8	108	4.14	8.0	101	113
Iron	0/8	102	12.6	2.0	76.0	112
Lead	0/14	99.1	5.68	-0.90	91.0	109
Manganese	0/6	112	2.79	12.0	109	116
Selenium	0/8	100	3.24	0.0	96.0	107
Silver	0/8	108	2.71	8.0	104	112
EPA7470A						
Mercury	0/14	82.8	32.9	-17.2	9.0	108
EPA8260B						
Acetonitrile	0/2	97.0	1.41	-3.0	96.0	98.0
Allyl chloride	0/2	94.0	2.83	-6.0	92.0	96.0

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
Benzene	0/28	100	5.08	0.0	89.0	110
Chlorobenzene	0/28	100	5.41	0.0	90.0	118
Chloroprene	0/2	107	2.12	7.0	105	108
trans-1,4-Dichloro-2-butene	0/2	117	0.71	17.0	116	117
1,1-Dichloroethylene	0/28	98.0	6.96	-2.0	82.0	112
1,4-Dioxane	0/2	109	0.71	9.0	108	109
Methacrylonitrile	0/2	117	4.95	17.0	113	120
Methyl methacrylate	0/2	108	2.12	8.0	106	109
Pentachloroethane	0/2	513	2.83	413	511	515
Propionitrile	0/2	104	0.71	4.0	103	104
Toluene	0/28	99.6	4.20	-0.40	92.0	108
Trichloroethylene	0/28	100	8.36	0.0	78.0	122

† Number of batches qualified that exhibit poor spike recovery due to interference compared to the total number of batches containing spikes.

Note: A value of 0 is reported as 0.0.

Table 62. Matrix Spike Recoveries for GE

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA300.0						
Chloride	0/1	102	—	2.0	102	102
Sulfate	0/4	102	6.42	2.0	95.0	108
EPA310.1						
Alkalinity (as $CaCO_3$)	0/2	97.0	5.66	-3.0	93.0	101
EPA353.1						
Nitrate-nitrite as nitrogen	0/25	99.4	5.20	-0.60	86.0	114
EPA365.4						
Total phosphates (as P)	0/1	82.0	—	-18.0	82.0	82.0
EPA376.2						
Sulfide	0/1	49.0	—	-51.0	49.0	49.0
EPA6010B						
Aluminum	0/24	96.2	14.8	-3.80	38.1	116
Antimony	0/12	99.7	3.83	-0.30	94.3	106
Arsenic	0/12	99.4	3.79	-0.60	92.9	106
Barium	0/12	101	4.41	1.0	94.0	108
Beryllium	0/2	96.2	0.35	-3.80	95.9	96.4
Boron	0/12	102	3.69	2.0	95.9	108
Cadmium	0/12	100	3.69	0.0	95.4	108
Calcium	0/2	97.3	0.28	-2.70	97.1	97.5
Chromium	0/12	104	2.74	4.0	98.9	109
Cobalt	0/2	98.3	0.21	-1.70	98.1	98.4
Copper	0/12	100	3.79	0.0	95.1	106
Iron	0/24	104	12.6	4.0	88.9	160
Lead	0/12	103	3.37	3.0	97.4	108

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
Magnesium	0/2	95.6	0.50	-4.40	95.2	95.9
Manganese	0/2	97.5	0.50	-2.50	97.1	97.8
Nickel	0/12	102	3.18	2.0	96.4	107
Potassium	0/2	90.7	0.78	-9.30	90.1	91.2
Selenium	0/12	101	4.20	1.0	94.0	107
Silver	0/12	101	3.35	1.0	95.2	105
Sodium	0/2	99.6	0.57	-0.40	99.2	100
Thallium	0/2	98.7	0.71	-1.30	98.2	99.2
Tin	0/10	105	3.36	5.0	99.7	110
Vanadium	0/2	96.0	0.07	-4.0	95.9	96.0
Zinc	0/12	102	2.48	2.0	98.9	107
EPA6020						
Aluminum	0/19	247	392	147	87.5	1,480
Antimony	0/19	101	2.09	1.0	97.0	104
Arsenic	0/19	91.7	4.56	-8.30	84.2	100
Barium	0/19	102	3.46	2.0	97.2	111
Beryllium	0/25	108	10.8	8.0	84.1	122
Cadmium	0/19	98.8	3.78	-1.20	92.9	107
Chromium	0/19	100	4.21	0.0	92.8	108
Cobalt	0/19	100	5.47	0.0	90.1	110
Copper	0/19	99.2	6.78	-0.80	86.6	110
Iron	0/19	104	12.7	4.0	68.0	122
Lead	0/19	99.3	4.36	-0.70	91.6	106
Lithium	0/8	111	6.76	11.0	101	120
Nickel	0/19	98.8	5.93	-1.20	85.1	110
Selenium	0/19	94.5	5.37	-5.50	84.8	104
Silver	0/19	106	3.13	6.0	99.3	112
Thallium	0/23	96.5	4.17	-3.50	87.5	102
Tin	0/23	104	2.53	4.0	99.4	109
Uranium	0/2	104	5.66	4.0	100	108
Vanadium	0/19	98.9	5.66	-1.10	91.5	114
Zinc	0/19	87.6	10.3	-12.4	62.4	98.7
EPA7470A						
Mercury	0/42	99.5	7.98	-0.50	73.2	121
EPA8081A						
Aldrin	0/6	103	19.1	3.0	86.4	128
p,p´-DDT	0/6	96.6	12.6	-3.40	82.3	110
Dieldrin	0/6	93.9	12.7	-6.10	77.4	112
Endrin	0/6	113	14.7	13.0	93.8	129
Heptachlor	0/6	106	10.8	6.0	92.6	118
Lindane	0/6	99.7	13.9	-0.30	83.6	116
EPA8082						
PCB 1260	0/8	79.8	11.3	-20.2	66.0	96.0
EPA8151A						
2,4-Dichlorophenoxyacetic acid	0/2	99.1	0.14	-0.90	99.0	99.2
2,4,5-T	0/2	85.9	1.27	-14.1	85.0	86.8
2,4,5-TP (Silvex)	0/2	98.3	1.77	-1.70	97.0	99.5
EPA8260B						
Benzene	0/16	97.0	9.92	-3.0	83.8	114
Chlorobenzene	0/16	97.2	9.43	-2.80	75.7	110

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
1,1-Dichloroethylene	0/16	98.9	15.2	-1.10	82.2	121
Toluene	0/16	96.2	10.3	-3.80	77.4	110
Trichloroethylene	0/16	76.5	72.2	-23.5	-107	118
EPA8270C						
Acenaphthene	0/2	67.3	8.06	-32.7	61.6	73.0
4-Chloro-m-cresol	0/2	67.5	9.19	-32.5	61.0	74.0
2-Chlorophenol	0/2	62.1	10.7	-37.9	54.5	69.6
1,4-Dichlorobenzene	0/2	55.8	12.7	-44.2	46.8	64.7
2,4-Dinitrotoluene	0/2	66.7	7.07	-33.3	61.7	71.7
4-Nitrophenol	0/2	53.4	2.40	-46.6	51.7	55.1
N-Nitrosodipropylamine	0/2	64.5	7.78	-35.5	59.0	70.0
Pentachlorophenol	0/2	74.4	6.93	-25.6	69.5	79.3
Phenol	0/2	41.0	5.37	-59.0	37.2	44.8
Pyrene	0/2	73.9	3.46	-26.1	71.4	76.3
1,2,4-Trichlorobenzene	0/2	58.3	12.2	-41.7	49.6	66.9
EPA9012A						
Cyanide	0/7	93.8	6.70	-6.20	86.8	104
EPA9020B						
Total organic halogens	0/2	106	2.12	6.0	104	107
EPA9034						
Sulfide	0/4	29.0	9.89	-71.0	20.7	43.4
EPA9056						
Fluoride	0/1	109	—	9.0	109	109
EPA9060						
Total organic carbon	0/2	112	6.36	12.0	107	116
EPA9066						
Phenols	0/6	93.0	1.99	-7.0	90.5	95.2

† Number of batches qualified that exhibit poor spike recovery due to interference compared to the total number of batches containing spikes.
— Standard deviation cannot be determined.

Note: A value of 0 is reported as 0.0.

Table 63. Matrix Spike Recoveries for WA

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA340.2						
Fluoride	0/1	112	—	12.0	112	112
EPA353.2						
Nitrate as nitrogen	0/1	102	—	2.0	102	102
Nitrate-nitrite as nitrogen	0/8	102	9.60	2.0	85.2	114

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA365.2						
Total phosphates (as P)	0/9	103	6.66	3.0	97.6	118
EPA6010B						
Aluminum, dissolved	0/1	99.0	—	-1.0	99.0	99.0
Aluminum	0/45	107	23.6	7.0	92.7	250
Antimony	0/22	100	4.74	0.0	87.8	105
Arsenic, dissolved	0/1	101	—	1.0	101	101
Arsenic	0/36	99.9	4.02	-0.10	90.1	106
Barium, dissolved	0/1	98.1	—	-1.90	98.1	98.1
Barium	0/27	97.3	4.76	-2.70	87.6	111
Beryllium	0/10	103	2.76	3.0	97.3	106
Boron	0/30	98.9	3.72	-1.10	90.8	106
Cadmium, dissolved	0/1	99.4	—	-0.60	99.4	99.4
Cadmium	0/37	99.4	4.10	-0.60	89.0	106
Calcium	0/10	103	2.34	3.0	98.7	106
Chromium, dissolved	0/1	99.8	—	-0.20	99.8	99.8
Chromium	0/27	101	5.67	1.0	88.9	120
Cobalt	0/8	100	1.09	0.0	97.9	101
Copper	0/22	98.1	4.64	-1.90	87.9	111
Iron, dissolved	0/1	100	—	0.0	100	100
Iron	0/45	99.2	9.64	-0.80	61.8	123
Lead, dissolved	0/1	99.1	—	-0.90	99.1	99.1
Lead	0/36	99.4	4.30	-0.60	88.3	106
Lithium	0/29	103	4.87	3.0	92.3	110
Magnesium	0/10	100	1.87	0.0	98.0	103
Manganese	0/13	101	5.22	1.0	91.5	110
Nickel	0/22	99.4	5.15	-0.60	88.8	111
Potassium	0/10	102	3.24	2.0	98.0	109
Selenium, dissolved	0/1	101	—	1.0	101	101
Selenium	0/35	99.6	4.31	-0.40	88.8	107
Silica	0/9	120	14.0	20.0	107	152
Silver, dissolved	0/1	99.4	—	-0.60	99.4	99.4
Silver	0/27	98.6	4.07	-1.40	88.2	112
Sodium	0/12	94.6	4.18	-5.40	87.8	103
Thallium	0/8	102	2.86	2.0	97.2	106
Tin	0/21	101	5.26	1.0	85.5	107
Vanadium	0/8	102	1.89	2.0	100	106
Zinc	0/22	98.3	4.62	-1.70	88.2	111
EPA7470A						
Mercury, dissolved	0/1	96.6	—	-3.40	96.6	96.6
Mercury	0/21	96.1	6.11	-3.90	85.6	106
EPA8021B						
Carbon tetrachloride	0/4	98.9	4.09	-1.10	96.3	105
Chloroform	0/4	102	3.57	2.0	99.4	107
cis-1,2-Dichloroethylene	0/4	98.8	2.24	-1.20	95.4	100
Tetrachloroethylene	0/4	104	10.8	4.0	88.8	113
1,1,1-Trichloroethane	0/4	98.9	3.44	-1.10	96.9	104
Trichloroethylene	0/4	98.7	4.35	-1.30	95.2	105
EPA8081A						
Aldrin	0/6	80.8	15.0	-19.2	60.0	100
p,p´-DDT	0/7	95.4	9.71	-4.60	82.0	110
Dieldrin	0/7	99.4	10.0	-0.60	82.0	112
Endrin	0/7	117	10.4	17.0	100	128

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
Heptachlor	0/7	95.0	17.3	-5.0	75.0	120
Lindane	0/7	95.0	10.8	-5.0	80.0	110
EPA8082						
PCB 1254	0/7	91.6	5.03	-8.40	83.7	96.5
EPA8141A						
Dimethoate	0/6	82.9	11.9	-17.1	59.0	90.0
Disulfoton	0/6	86.3	12.5	-13.7	61.0	93.2
Famphur	0/6	93.2	12.6	-6.80	68.2	104
Parathion ethyl	0/6	90.0	12.2	-10.0	66.0	98.2
Parathion methyl	0/6	91.8	13.3	-8.20	65.5	101
Phorate	0/6	86.1	18.2	-13.9	49.0	95.2
Sulfotepp	0/6	86.8	17.8	-13.2	50.5	95.2
Thionazin	0/6	90.2	12.9	-9.80	64.5	98.5
Triphenyl phosphate	0/1	108	—	8.0	108	108
Tributyl phosphate	0/1	106	—	6.0	106	106
O,O,O-Triethyl phosphorothioate	0/6	83.1	12.9	-16.9	57.0	90.4
EPA8151A						
2,4-Dichlorophenoxyacetic acid	0/7	118	40.7	18.0	57.2	164
2,4,5-T	0/7	118	40.7	18.0	59.2	167
2,4,5-TP (Silvex)	0/7	103	35.9	3.0	50.0	146
EPA8260B						
Benzene	0/13	101	6.86	1.0	87.5	110
Chlorobenzene	0/13	96.7	4.16	-3.30	89.3	102
1,1-Dichloroethylene	0/13	97.7	15.0	-2.30	62.9	118
Toluene	0/13	97.7	5.0	-2.30	88.3	103
Trichloroethylene	0/13	91.2	6.61	-8.80	76.2	99.2
EPA8270C						
Acenaphthene	0/7	57.9	16.0	-42.1	27.0	79.8
Bis(2-ethylhexyl) phthalate	0/1	105	—	5.0	105	105
4-Chloro-m-cresol	0/7	57.5	15.8	-42.5	33.8	83.3
2-Chlorophenol	0/7	53.6	19.1	-46.4	29.3	84.4
1,4-Dichlorobenzene	0/7	48.7	15.2	-51.3	22.2	62.3
2,4-Dinitrotoluene	0/7	59.9	16.0	-40.1	26.9	77.6
4-Nitrophenol	0/7	45.9	21.5	-54.1	12.7	71.5
N-Nitrosodipropylamine	0/7	52.8	17.5	-47.2	20.5	79.6
Pentachlorophenol	0/7	41.4	24.4	-58.6	14.1	81.2
Phenol	0/7	55.8	17.8	-44.2	28.1	84.9
Pyrene	0/7	67.3	18.4	-32.7	28.3	81.6
1,2,4-Trichlorobenzene	0/7	51.7	16.3	-48.3	24.0	68.9
EPA8280A						
Hexachlorodibenzo-p-dioxins	0/4	86.5	3.87	-13.5	83.0	92.0
Hexachlorodibenzo-p-furans	0/4	92.8	8.92	-7.20	87.0	106
Pentachlorodibenzo-p-furans	0/8	108	9.58	8.0	98.0	128
2,3,7,8-TCDD	0/4	104	6.61	4.0	99.0	113
Tetrachlorodibenzo-p-dioxins	0/4	104	6.61	4.0	99.0	113
Tetrachlorodibenzo-p-furans	0/4	89.8	4.19	-10.2	87.0	96.0
EPA9014						
Cyanide	0/1	96.7	—	-3.30	96.7	96.7

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA9020B						
Total organic halogens	0/11	102	15.6	2.0	83.5	124
EPA9034						
Sulfide	0/7	98.9	1.35	-1.10	97.0	101
EPA9056						
Chloride	0/7	105	9.39	5.0	94.1	122
Sulfate	0/15	96.5	4.08	-3.50	85.0	105
EPA9060						
Total organic carbon	0/6	103	8.53	3.0	91.5	118
EPA9066						
Phenols	0/11	98.5	5.42	-1.50	91.3	111

† Number of batches qualified that exhibit poor spike recovery due to interference compared to the total number of batches containing spikes.
— Standard deviation cannot be determined.

Note: A value of 0 is reported as 0.0.

Table 64. Matrix Spike Recoveries for ML

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA6010B						
Aluminum	0/4	98.0	1.92	-2.0	96.1	100
Antimony	0/4	102	2.43	2.0	99.6	104
Arsenic	0/4	103	0.0	3.0	103	103
Barium	0/4	107	1.29	7.0	105	108
Beryllium	0/4	102	0.50	2.0	101	102
Cadmium	0/4	103	0.96	3.0	102	104
Calcium	0/4	103	0.96	3.0	102	104
Chromium	0/4	104	0.50	4.0	104	105
Cobalt	0/4	103	0.96	3.0	102	104
Copper	0/4	104	1.71	4.0	102	106
Iron	0/4	103	1.83	3.0	101	105
Lead	0/4	104	2.45	4.0	101	106
Magnesium	0/4	106	3.87	6.0	102	111
Manganese	0/4	103	0.82	3.0	102	104
Nickel	0/4	104	1.41	4.0	102	105
Potassium	0/4	102	0.96	2.0	101	103
Selenium	0/4	102	0.96	2.0	101	103
Silver	0/4	87.3	12.4	-12.7	73.8	97.9
Sodium	0/4	106	3.0	6.0	103	109
Thallium	0/4	105	0.50	5.0	105	106
Vanadium	0/4	104	1.83	4.0	102	106
Zinc	0/4	101	1.33	1.0	99.9	103
EPA7470A						
Mercury	0/4	111	2.22	11.0	109	114

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA8081A						
Aldrin	0/2	69.6	7.57	-30.4	64.2	74.9
p,p´-DDT	0/2	90.9	0.28	-9.10	90.7	91.1
Dieldrin	0/2	81.7	6.01	-18.3	77.4	85.9
Endrin	0/2	91.0	5.52	-9.0	87.1	94.9
Heptachlor	0/4	78.4	7.37	-21.6	68.0	85.4
Lindane	0/2	73.9	8.06	-26.1	68.2	79.6
EPA8082						
PCB 1254	0/2	72.3	3.61	-27.7	69.7	74.8
EPA8270C						
Acenaphthene	0/2	56.7	1.56	-43.3	55.6	57.8
4-Chloro-m-cresol	0/2	50.2	0.85	-49.8	49.6	50.8
2-Chlorophenol	0/2	41.5	1.34	-58.5	40.5	42.4
1,4-Dichlorobenzene	0/2	43.2	1.77	-56.8	41.9	44.4
2,4-Dinitrotoluene	0/2	50.6	1.84	-49.4	49.3	51.9
4-Nitrophenol	0/2	10.0	1.70	-90.0	8.80	11.2
N-Nitrosodipropylamine	0/2	57.2	2.19	-42.8	55.6	58.7
Pentachlorophenol	0/2	64.2	3.61	-35.8	61.6	66.7
Phenol	0/2	17.8	0.28	-82.2	17.6	18.0
Pyrene	0/2	45.0	1.70	-55.0	43.8	46.2
1,2,4-Trichlorobenzene	0/2	42.3	0.78	-57.7	41.7	42.8
EPIA-001B						
Gross alpha	0/4	94.0	3.46	-6.0	91.0	97.0
Nonvolatile beta	0/4	12.0	0.0	-88.0	12.0	12.0

† Number of batches qualified that exhibit poor spike recovery due to interference compared to the total number of batches containing spikes.
Note: A value of 0 is reported as 0.0.

Table 65. Matrix Spike Recoveries for GP

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA906.0						
Tritium	0/1	110	—	10.0	110	110
EPIA-001						
Gross alpha	0/35	112	9.79	12.0	89.4	139
Nonvolatile beta	0/33	111	8.69	11.0	85.4	125
EPIA-002						
Tritium	0/25	44.2	226	-55.8	-1,020	141
EPIA-003						
Carbon-14	0/20	93.3	6.63	-6.70	78.8	103
EPIA-004						
Strontium-89/90	0/5	90.3	9.45	-9.70	76.8	103
Strontium-90	0/13	93.3	11.8	-6.70	76.3	117

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPIA-005						
Technetium-99	0/10	106	6.76	6.0	96.3	122
EPIA-006						
Iodine-129	0/10	105	9.82	5.0	82.5	116
EPIA-008						
Radium-226	0/21	96.5	11.1	-3.50	78.8	120
EPIA-009						
Radium-228	0/20	105	12.6	5.0	81.4	125
EPIA-010						
Radium, total alpha-emitting	0/2	79.2	2.33	-20.8	77.5	80.8
EPIA-011						
Americium-241	0/10	111	6.81	11.0	101	124
Curium-243/244	0/10	107	7.48	7.0	96.4	120
Plutonium-239/240	0/10	93.7	8.34	-6.30	81.4	107
Uranium-238	0/10	97.3	8.84	-2.70	77.7	108
EPIA-012						
Thorium-232	0/9	97.4	11.9	-2.60	85.1	116
EPIA-013						
Cesium-137	0/12	103	2.86	3.0	99.4	107
EPIA-022						
Nickel-63	0/6	88.1	11.5	-11.9	75.4	102
EPIA-032						
Neptunium-237	0/5	94.4	9.79	-5.60	81.0	103

† Number of batches qualified that exhibit poor spike recovery due to interference compared to the total number of batches containing spikes.
— Standard deviation cannot be determined.

Table 66. Analytes Detected in Method Blanks for EX

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA300.0				
Nitrate as nitrogen	0/6	100	0.0	100/100 µg/L
Nitrate-nitrite as nitrogen	0/6	100	0.0	100/100 µg/L
EPA6010B				
Aluminum	0/4	200	0.0	200/200 µg/L
Antimony	0/1	100	—	100/100 µg/L
Arsenic	0/5	10.0	0.0	10.0/10.0 µg/L
Barium	0/4	10.0	0.0	10.0/10.0 µg/L
Beryllium	1/1	0.10	—	0.10/0.10 µg/L
Boron	0/7	100	0.0	100/100 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Cadmium	1/5	8.99	2.27	4.93/10.0 µg/L
Chromium	0/5	10.0	0.0	10.0/10.0 µg/L
Copper	0/1	20.0	—	20.0/20.0 µg/L
Iron	2/4	103	112	5.74/200 µg/L
Lead	0/11	10.0	0.0	10.0/10.0 µg/L
Manganese	0/7	10.0	0.0	10.0/10.0 µg/L
Nickel	1/1	5.49	—	5.49/5.49 µg/L
Selenium	0/5	10.0	0.0	10.0/10.0 µg/L
Silver	0/5	20.0	0.0	20.0/20.0 µg/L
Thallium	0/1	10.0	—	10.0/10.0 µg/L
Zinc	0/1	20.0	—	20.0/20.0 µg/L
EPA7470A				
Mercury	0/10	0.50	0.0	0.50/0.50 µg/L
EPA8081A				
Aldrin	0/1	0.10	—	0.10/0.10 µg/L
alpha-Benzene hexachloride	0/1	0.10	—	0.10/0.10 µg/L
beta-Benzene hexachloride	0/1	0.10	—	0.10/0.10 µg/L
delta-Benzene hexachloride	0/1	0.10	—	0.10/0.10 µg/L
alpha-Chlordane	0/1	0.10	—	0.10/0.10 µg/L
gamma-Chlordane	0/1	0.10	—	0.10/0.10 µg/L
p,p´-DDD	0/1	0.20	—	0.20/0.20 µg/L
p,p´-DDE	0/1	0.20	—	0.20/0.20 µg/L
p,p´-DDT	0/1	0.20	—	0.20/0.20 µg/L
Dieldrin	0/1	0.20	—	0.20/0.20 µg/L
Endosulfan sulfate	0/1	0.20	—	0.20/0.20 µg/L
Endosulfan I	0/1	0.10	—	0.10/0.10 µg/L
Endosulfan II	0/1	0.20	—	0.20/0.20 µg/L
Endrin	0/1	0.20	—	0.20/0.20 µg/L
Endrin aldehyde	0/1	0.20	—	0.20/0.20 µg/L
Heptachlor	0/1	0.10	—	0.10/0.10 µg/L
Heptachlor epoxide	0/1	0.10	—	0.10/0.10 µg/L
Lindane	0/1	0.10	—	0.10/0.10 µg/L
Toxaphene	0/2	2.0	0.0	2.0/2.0 µg/L
EPA8082				
PCB 1016	0/2	1.0	0.0	1.0/1.0 µg/L
PCB 1221	0/2	1.0	0.0	1.0/1.0 µg/L
PCB 1232	0/1	1.0	—	1.0/1.0 µg/L
PCB 1242	0/2	2.0	0.0	2.0/2.0 µg/L
PCB 1248	0/1	1.0	—	1.0/1.0 µg/L
PCB 1254	0/1	1.0	—	1.0/1.0 µg/L
PCB 1260	0/1	1.0	—	1.0/1.0 µg/L
EPA8260B				
Acetone	0/7	20.0	0.0	20.0/20.0 µg/L
Acetonitrile	0/7	243	113	200/500 µg/L
Acrolein	0/8	50.0	0.0	50.0/50.0 µg/L
Acrylonitrile	0/8	15.0	14.1	10.0/50.0 µg/L
Allyl chloride	0/7	5.71	1.89	5.0/10.0 µg/L
Benzene	0/19	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/19	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/19	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/19	5.0	0.0	5.0/5.0 µg/L
Carbon disulfide	0/7	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/19	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/19	5.0	0.0	5.0/5.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Chloroethane	0/19	5.0	0.0	5.0/5.0 µg/L
Chloroethene	0/19	5.0	0.0	5.0/5.0 µg/L
2-Chloroethyl vinyl ether	0/14	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/19	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/19	5.0	0.0	5.0/5.0 µg/L
Chloroprene	0/7	24.3	11.3	20.0/50.0 µg/L
Dibromochloromethane	0/19	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/7	9.29	1.89	5.0/10.0 µg/L
1,2-Dibromoethane	0/7	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/7	5.0	0.0	5.0/5.0 µg/L
1,2-Dichlorobenzene	0/1	5.0	—	5.0/5.0 µg/L
1,3-Dichlorobenzene	0/8	5.0	0.0	5.0/5.0 µg/L
1,4-Dichlorobenzene	0/8	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/7	7.14	5.67	5.0/20.0 µg/L
Dichlorodifluoromethane	0/7	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethane	0/19	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/19	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/19	5.0	0.0	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/19	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/19	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	8/19	8.22	2.64	2.40/10.0 µg/L
1,2-Dichloropropane	0/19	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/19	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/19	5.0	0.0	5.0/5.0 µg/L
1,4-Dioxane	0/7	571	189	500/1,000 µg/L
Ethyl methacrylate	0/7	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/19	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/7	17.9	5.67	5.0/20.0 µg/L
Iodomethane	0/7	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/7	643	378	500/1,500 µg/L
Methacrylonitrile	0/7	243	113	200/500 µg/L
Methyl ethyl ketone	0/7	18.6	3.78	10.0/20.0 µg/L
Methyl isobutyl ketone	0/7	9.29	1.89	5.0/10.0 µg/L
Methyl methacrylate	0/7	24.3	11.3	20.0/50.0 µg/L
Pentachloroethane	0/7	200	0.0	200/200 µg/L
Propionitrile	0/7	243	113	200/500 µg/L
Styrene	0/7	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/7	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/19	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/19	5.0	0.0	5.0/5.0 µg/L
Toluene	0/19	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/19	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	0/19	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/19	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/19	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/7	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/7	7.14	5.67	5.0/20.0 µg/L
Xylenes	0/7	10.0	0.0	10.0/10.0 µg/L
EPA8270C				
Acenaphthene	0/1	10.0	—	10.0/10.0 µg/L
Acenaphthylene	0/1	10.0	—	10.0/10.0 µg/L
Anthracene	0/1	10.0	—	10.0/10.0 µg/L
Benzidine	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*a*]anthracene	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*b*]fluoranthene	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*k*]fluoranthene	0/1	10.0	—	10.0/10.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Benzo[*g,h,i*]perylene	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*a*]pyrene	0/1	10.0	—	10.0/10.0 µg/L
Bis(2-chloroethoxy) methane	0/1	10.0	—	10.0/10.0 µg/L
Bis(2-chloroethyl) ether	0/1	10.0	—	10.0/10.0 µg/L
Bis(2-chloroisopropyl) ether	0/1	10.0	—	10.0/10.0 µg/L
Bis(2-ethylhexyl) phthalate	1/1	4.60	—	4.60/4.60 µg/L
4-Bromophenyl phenyl ether	0/1	10.0	—	10.0/10.0 µg/L
Butylbenzyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
4-Chloro-m-cresol	0/1	10.0	—	10.0/10.0 µg/L
2-Chloronaphthalene	0/1	10.0	—	10.0/10.0 µg/L
2-Chlorophenol	0/1	10.0	—	10.0/10.0 µg/L
4-Chlorophenyl phenyl ether	0/1	10.0	—	10.0/10.0 µg/L
Chrysene	0/1	10.0	—	10.0/10.0 µg/L
Dibenz[*a,h*]anthracene	0/1	10.0	—	10.0/10.0 µg/L
Di-n-butyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
3,3´-Dichlorobenzidine	0/1	10.0	—	10.0/10.0 µg/L
2,4-Dichlorophenol	0/1	10.0	—	10.0/10.0 µg/L
Diethyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
2,4-Dimethyl phenol	0/1	10.0	—	10.0/10.0 µg/L
Dimethyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
2,4-Dinitrophenol	0/1	25.0	—	25.0/25.0 µg/L
2,4-Dinitrotoluene	0/1	10.0	—	10.0/10.0 µg/L
2,6-Dinitrotoluene	0/1	10.0	—	10.0/10.0 µg/L
Di-n-octyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
1,2-Diphenylhydrazine	0/1	10.0	—	10.0/10.0 µg/L
Fluoranthene	0/1	10.0	—	10.0/10.0 µg/L
Fluorene	0/1	10.0	—	10.0/10.0 µg/L
Hexachlorobenzene	0/1	10.0	—	10.0/10.0 µg/L
Hexachlorobutadiene	0/1	10.0	—	10.0/10.0 µg/L
Hexachlorocyclopentadiene	0/1	10.0	—	10.0/10.0 µg/L
Hexachloroethane	0/1	10.0	—	10.0/10.0 µg/L
Indeno[1,2,3-*c,d*]pyrene	0/1	10.0	—	10.0/10.0 µg/L
Isophorone	0/1	10.0	—	10.0/10.0 µg/L
2-Methyl-4,6-dinitrophenol	0/1	25.0	—	25.0/25.0 µg/L
Naphthalene	0/1	10.0	—	10.0/10.0 µg/L
Nitrobenzene	0/1	10.0	—	10.0/10.0 µg/L
2-Nitrophenol	0/1	10.0	—	10.0/10.0 µg/L
4-Nitrophenol	0/1	25.0	—	25.0/25.0 µg/L
N-Nitrosodimethylamine	0/1	25.0	—	25.0/25.0 µg/L
N-Nitrosodiphenylamine	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosodipropylamine	0/1	10.0	—	10.0/10.0 µg/L
Pentachlorophenol	0/1	25.0	—	25.0/25.0 µg/L
Phenanthrene	0/1	10.0	—	10.0/10.0 µg/L
Phenol	0/1	10.0	—	10.0/10.0 µg/L
Pyrene	0/1	10.0	—	10.0/10.0 µg/L
1,2,4-Trichlorobenzene	0/1	10.0	—	10.0/10.0 µg/L
2,4,6-Trichlorophenol	0/1	25.0	—	25.0/25.0 µg/L
EPA9014				
Cyanide	0/1	10.0	—	10.0/10.0 µg/L

† Number of times analyte was detected compared to the total number of method blanks for the analyte.
— Standard deviation cannot be determined.

Note: If the analyte was not detected in the method blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 67. Analytes Detected in Method Blanks for GE

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA160.1				
Total dissolved solids	0/5	10,000	0.0	10,000/10,000 µg/L
EPA300.0				
Chloride	0/1	100	—	100/100 µg/L
Sulfate	1/4	176	47.5	105/200 µg/L
EPA353.1				
Nitrate-nitrite as nitrogen	11/15	26.7	15.4	10.0/50.0 µg/L
EPA365.4				
Total phosphates (as P)	1/1	30.0	—	30.0/30.0 µg/L
EPA376.2				
Sulfide	0/1	1,000	—	1,000/1,000 µg/L
EPA6010B				
Aluminum	2/13	44.6	13.1	12.4/50.0 µg/L
Antimony	0/6	10.0	0.0	10.0/10.0 µg/L
Arsenic	0/6	5.0	0.0	5.0/5.0 µg/L
Barium	1/6	4.26	1.82	0.54/5.0 µg/L
Beryllium	0/1	5.0	—	5.0/5.0 µg/L
Boron	1/6	43.6	15.8	11.4/50.0 µg/L
Cadmium	0/6	5.0	0.0	5.0/5.0 µg/L
Calcium	0/1	100	—	100/100 µg/L
Chromium	2/6	3.67	2.07	0.66/5.0 µg/L
Cobalt	0/1	5.0	—	5.0/5.0 µg/L
Copper	2/6	3.82	1.85	1.07/5.0 µg/L
Iron	2/13	55.0	12.2	50.0/82.5 µg/L
Lead	0/6	5.0	0.0	5.0/5.0 µg/L
Magnesium	0/1	10.0	—	10.0/10.0 µg/L
Manganese	0/2	10.0	0.0	10.0/10.0 µg/L
Nickel	0/6	5.0	0.0	5.0/5.0 µg/L
Potassium	0/1	100	—	100/100 µg/L
Selenium	0/6	5.0	0.0	5.0/5.0 µg/L
Silver	2/6	3.93	1.67	1.44/5.0 µg/L
Sodium	0/1	500	—	500/500 µg/L
Thallium	1/1	3.77	—	3.77/3.77 µg/L
Tin	0/5	100	0.0	100/100 µg/L
Vanadium	0/1	5.0	—	5.0/5.0 µg/L
Zinc	5/6	3.14	1.08	1.84/5.0 µg/L
EPA6020				
Aluminum	1/13	14.8	0.80	12.1/15.0 µg/L
Antimony	9/14	1.01	0.79	0.15/2.0 µg/L
Arsenic	4/14	2.61	0.80	0.41/3.0 µg/L
Barium	0/14	2.0	0.0	2.0/2.0 µg/L
Beryllium	1/17	0.19	0.04	0.03/0.20 µg/L
Boron	0/1	15.0	—	15.0/15.0 µg/L
Cadmium	0/14	1.0	0.0	1.0/1.0 µg/L
Chromium	6/14	2.36	0.78	1.22/3.0 µg/L
Cobalt	0/14	1.0	0.0	1.0/1.0 µg/L
Copper	0/14	1.07	0.27	1.0/2.0 µg/L
Cesium	0/1	0.50	—	0.50/0.50 µg/L
Iron	0/13	25.0	0.0	25.0/25.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Lead	0/14	2.0	0.0	2.0/2.0 µg/L
Lithium	2/4	1.08	1.06	0.16/2.0 µg/L
Magnesium	0/1	10.0	—	10.0/10.0 µg/L
Manganese	0/1	5.0	—	5.0/5.0 µg/L
Molybdenum	0/1	0.50	—	0.50/0.50 µg/L
Nickel	0/14	2.0	0.0	2.0/2.0 µg/L
Potassium	1/1	47.0	—	47.0/47.0 µg/L
Selenium	0/14	4.86	0.54	3.0/5.0 µg/L
Silver	4/14	0.83	0.28	0.36/1.0 µg/L
Sodium	0/1	250	—	250/250 µg/L
Strontium	0/1	10.0	—	10.0/10.0 µg/L
Thallium	0/16	0.50	0.0	0.50/0.50 µg/L
Tin	3/16	4.23	1.68	0.31/5.0 µg/L
Titanium	0/1	10.0	—	10.0/10.0 µg/L
Uranium	0/2	2.0	0.0	2.0/2.0 µg/L
Vanadium	5/15	8.09	3.01	3.08/10.0 µg/L
Zinc	0/14	10.0	0.0	10.0/10.0 µg/L
EPA7470A				
Mercury	2/20	0.18	0.05	0.04/0.20 µg/L
EPA8081A				
Aldrin	0/3	0.05	0.05	0.02/0.10 µg/L
alpha-Benzene hexachloride	0/3	0.05	0.05	0.02/0.10 µg/L
beta-Benzene hexachloride	0/3	0.05	0.05	0.02/0.10 µg/L
delta-Benzene hexachloride	0/3	0.05	0.05	0.02/0.10 µg/L
Chlordane	0/3	0.58	0.58	0.25/1.25 µg/L
p,p´-DDD	0/3	0.09	0.09	0.04/0.20 µg/L
p,p´-DDE	0/3	0.09	0.09	0.04/0.20 µg/L
p,p´-DDT	0/3	0.09	0.09	0.04/0.20 µg/L
Dieldrin	0/3	0.09	0.09	0.04/0.20 µg/L
Endosulfan sulfate	0/3	0.09	0.09	0.04/0.20 µg/L
Endosulfan I	0/3	0.05	0.05	0.02/0.10 µg/L
Endosulfan II	0/3	0.09	0.09	0.04/0.20 µg/L
Endrin	0/3	0.09	0.09	0.04/0.20 µg/L
Endrin aldehyde	0/3	0.09	0.09	0.04/0.20 µg/L
Heptachlor	0/3	0.05	0.05	0.02/0.10 µg/L
Heptachlor epoxide	0/3	0.05	0.05	0.02/0.10 µg/L
Lindane	0/3	0.05	0.05	0.02/0.10 µg/L
Methoxychlor	0/3	0.47	0.46	0.20/1.0 µg/L
Toxaphene	0/3	2.33	2.31	1.0/5.0 µg/L
EPA8082				
PCB 1016	0/4	0.10	0.0	0.10/0.10 µg/L
PCB 1221	0/4	0.10	0.0	0.10/0.10 µg/L
PCB 1232	0/4	0.10	0.0	0.10/0.10 µg/L
PCB 1242	0/4	0.10	0.0	0.10/0.10 µg/L
PCB 1248	0/4	0.10	0.0	0.10/0.10 µg/L
PCB 1254	0/4	0.10	0.0	0.10/0.10 µg/L
PCB 1260	0/4	0.10	0.0	0.10/0.10 µg/L
EPA8151A				
2,4-Dichlorophenoxyacetic acid	0/1	0.10	—	0.10/0.10 µg/L
2,4,5-T	0/1	0.10	—	0.10/0.10 µg/L
2,4,5-TP (Silvex)	0/1	0.10	—	0.10/0.10 µg/L
EPA8260B				
Acetone	4/8	3.29	2.06	0.65/5.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Acetonitrile	0/4	25.0	0.0	25.0/25.0 µg/L
Acrolein	0/4	10.0	0.0	10.0/10.0 µg/L
Acrylonitrile	0/4	10.0	0.0	10.0/10.0 µg/L
Allyl chloride	0/4	5.0	0.0	5.0/5.0 µg/L
Benzene	0/30	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/30	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/30	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/30	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/8	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/30	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/30	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/30	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/30	1.0	0.0	1.0/1.0 µg/L
2-Chloroethyl vinyl ether	0/25	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/30	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/30	1.0	0.0	1.0/1.0 µg/L
Chloroprene	0/4	2.0	0.0	2.0/2.0 µg/L
Dibromochloromethane	0/30	1.0	0.0	1.0/1.0 µg/L
1,2-Dibromo-3-chloropropane	0/4	1.0	0.0	1.0/1.0 µg/L
1,2-Dibromoethane	0/4	1.0	0.0	1.0/1.0 µg/L
Dibromomethane	0/4	1.0	0.0	1.0/1.0 µg/L
trans-1,4-Dichloro-2-butene	0/4	5.0	0.0	5.0/5.0 µg/L
Dichlorodifluoromethane	0/4	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethane	0/30	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/30	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/30	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/4	2.0	0.0	2.0/2.0 µg/L
cis-1,2-Dichloroethylene	0/4	1.0	0.0	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/30	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	11/30	4.51	1.25	1.29/7.34 µg/L
1,2-Dichloropropane	0/30	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/30	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/30	1.0	0.0	1.0/1.0 µg/L
Ethyl methacrylate	0/4	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/30	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/8	5.0	0.0	5.0/5.0 µg/L
Iodomethane	0/4	10.0	0.0	10.0/10.0 µg/L
Isobutyl alcohol	0/4	50.0	0.0	50.0/50.0 µg/L
Methacrylonitrile	0/4	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	0/8	7.50	2.67	5.0/10.0 µg/L
Methyl isobutyl ketone	0/8	5.0	0.0	5.0/5.0 µg/L
Methyl methacrylate	0/4	5.0	0.0	5.0/5.0 µg/L
Pentachloroethane	0/4	5.0	0.0	5.0/5.0 µg/L
Propionitrile	0/4	10.0	0.0	10.0/10.0 µg/L
Styrene	0/8	1.0	0.0	1.0/1.0 µg/L
1,1,1,2-Tetrachloroethane	0/4	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/30	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/30	1.0	0.0	1.0/1.0 µg/L
Toluene	2/30	0.98	0.09	0.56/1.0 µg/L
1,1,1-Trichloroethane	0/30	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/30	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/30	1.0	0.0	1.0/1.0 µg/L
Trichlorofluoromethane	0/29	4.17	1.65	1.0/5.0 µg/L
1,2,3-Trichloropropane	0/4	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/8	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/8	2.50	0.54	2.0/3.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8270C				
Acenaphthene	0/1	10.0	—	10.0/10.0 µg/L
Acenaphthylene	0/1	10.0	—	10.0/10.0 µg/L
Acetophenone	0/1	10.0	—	10.0/10.0 µg/L
2-Acetylaminofluorene	0/1	10.0	—	10.0/10.0 µg/L
4-Aminobiphenyl	0/1	10.0	—	10.0/10.0 µg/L
Aniline	0/1	10.0	—	10.0/10.0 µg/L
Anthracene	0/1	10.0	—	10.0/10.0 µg/L
Aramite	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*a*]anthracene	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*b*]fluoranthene	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*k*]fluoranthene	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*g,h,i*]perylene	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*a*]pyrene	0/1	10.0	—	10.0/10.0 µg/L
Benzyl alcohol	0/1	10.0	—	10.0/10.0 µg/L
Bis(2-chloroethoxy) methane	0/1	10.0	—	10.0/10.0 µg/L
Bis(2-chloroethyl) ether	0/1	10.0	—	10.0/10.0 µg/L
Bis(2-chloroisopropyl) ether	0/1	10.0	—	10.0/10.0 µg/L
Bis(2-ethylhexyl) phthalate	0/6	10.0	0.0	10.0/10.0 µg/L
4-Bromophenyl phenyl ether	0/1	10.0	—	10.0/10.0 µg/L
Butylbenzyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
2-*sec*-Butyl-4,6-dinitrophenol	0/1	10.0	—	10.0/10.0 µg/L
4-Chloroaniline	0/1	10.0	—	10.0/10.0 µg/L
Chlorobenzilate	0/1	10.0	—	10.0/10.0 µg/L
4-Chloro-m-cresol	0/1	10.0	—	10.0/10.0 µg/L
2-Chloronaphthalene	0/1	10.0	—	10.0/10.0 µg/L
2-Chlorophenol	0/1	10.0	—	10.0/10.0 µg/L
4-Chlorophenyl phenyl ether	0/1	10.0	—	10.0/10.0 µg/L
Chrysene	0/1	10.0	—	10.0/10.0 µg/L
m/p-Cresol	0/1	10.0	—	10.0/10.0 µg/L
o-Cresol	0/1	10.0	—	10.0/10.0 µg/L
Diallate	0/1	10.0	—	10.0/10.0 µg/L
Dibenz[*a,h*]anthracene	0/1	10.0	—	10.0/10.0 µg/L
Dibenzofuran	0/1	10.0	—	10.0/10.0 µg/L
Di-n-butyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
1,2-Dichlorobenzene	0/1	10.0	—	10.0/10.0 µg/L
1,3-Dichlorobenzene	0/1	10.0	—	10.0/10.0 µg/L
1,4-Dichlorobenzene	0/1	10.0	—	10.0/10.0 µg/L
3,3´-Dichlorobenzidine	0/1	20.0	—	20.0/20.0 µg/L
2,4-Dichlorophenol	0/1	10.0	—	10.0/10.0 µg/L
2,6-Dichlorophenol	0/1	10.0	—	10.0/10.0 µg/L
Diethyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
Dimethoate	0/1	10.0	—	10.0/10.0 µg/L
2,4-Dimethyl phenol	0/1	10.0	—	10.0/10.0 µg/L
Dimethyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
p-Dimethylaminoazobenzene	0/1	10.0	—	10.0/10.0 µg/L
7,12-Dimethylbenz[*a*]anthracene	0/1	10.0	—	10.0/10.0 µg/L
3,3´-Dimethylbenzidine	0/1	20.0	—	20.0/20.0 µg/L
a,a-Dimethylphenethylamine	0/1	10.0	—	10.0/10.0 µg/L
1,3-Dinitrobenzene	0/1	10.0	—	10.0/10.0 µg/L
2,4-Dinitrophenol	0/1	20.0	—	20.0/20.0 µg/L
2,4-Dinitrotoluene	0/1	10.0	—	10.0/10.0 µg/L
2,6-Dinitrotoluene	0/1	10.0	—	10.0/10.0 µg/L
Di-n-octyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
1,4-Dioxane	0/1	10.0	—	10.0/10.0 µg/L
Diphenylamine	0/1	10.0	—	10.0/10.0 µg/L
Disulfoton	0/1	10.0	—	10.0/10.0 µg/L
Ethyl methacrylate	0/1	10.0	—	10.0/10.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Ethyl methanesulfonate	0/1	10.0	—	10.0/10.0 µg/L
Famphur	0/1	10.0	—	10.0/10.0 µg/L
Fluoranthene	0/1	10.0	—	10.0/10.0 µg/L
Fluorene	0/1	10.0	—	10.0/10.0 µg/L
Hexachlorobenzene	0/1	10.0	—	10.0/10.0 µg/L
Hexachlorobutadiene	0/1	10.0	—	10.0/10.0 µg/L
Hexachlorocyclopentadiene	0/1	10.0	—	10.0/10.0 µg/L
Hexachloroethane	0/1	10.0	—	10.0/10.0 µg/L
Hexachlorophene	0/1	500	—	500/500 µg/L
Hexachloropropene	0/1	10.0	—	10.0/10.0 µg/L
Indeno[1,2,3-*c,d*]pyrene	0/1	10.0	—	10.0/10.0 µg/L
Isodrin	0/1	10.0	—	10.0/10.0 µg/L
Isophorone	0/1	10.0	—	10.0/10.0 µg/L
Isosafrole	0/1	10.0	—	10.0/10.0 µg/L
Kepone	0/1	10.0	—	10.0/10.0 µg/L
Methapyrilene	0/1	10.0	—	10.0/10.0 µg/L
2-Methyl-4,6-dinitrophenol	0/1	10.0	—	10.0/10.0 µg/L
Methyl methanesulfonate	0/1	10.0	—	10.0/10.0 µg/L
3-Methylcholanthrene	0/1	10.0	—	10.0/10.0 µg/L
2-Methylnaphthalene	0/1	10.0	—	10.0/10.0 µg/L
Naphthalene	0/1	10.0	—	10.0/10.0 µg/L
1,4-Naphthoquinone	0/1	10.0	—	10.0/10.0 µg/L
1-Naphthylamine	0/1	10.0	—	10.0/10.0 µg/L
2-Naphthylamine	0/1	10.0	—	10.0/10.0 µg/L
m-Nitroaniline	0/1	10.0	—	10.0/10.0 µg/L
o-Nitroaniline	0/1	10.0	—	10.0/10.0 µg/L
p-Nitroaniline	0/1	10.0	—	10.0/10.0 µg/L
Nitrobenzene	0/1	10.0	—	10.0/10.0 µg/L
2-Nitrophenol	0/1	10.0	—	10.0/10.0 µg/L
4-Nitrophenol	0/1	10.0	—	10.0/10.0 µg/L
4-Nitroquinoline-1-oxide	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosodi-n-butylamine	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosodiethylamine	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosodimethylamine	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosodiphenylamine	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosodipropylamine	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosomethylethylamine	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosomorpholine	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosopiperidine	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosopyrrolidine	0/1	10.0	—	10.0/10.0 µg/L
5-Nitro-o-toluidine	0/1	10.0	—	10.0/10.0 µg/L
Parathion	0/1	10.0	—	10.0/10.0 µg/L
Parathion methyl	0/1	10.0	—	10.0/10.0 µg/L
Pentachlorobenzene	0/1	10.0	—	10.0/10.0 µg/L
Pentachloroethane	0/1	10.0	—	10.0/10.0 µg/L
Pentachloronitrobenzene	0/1	10.0	—	10.0/10.0 µg/L
Pentachlorophenol	0/1	20.0	—	20.0/20.0 µg/L
Phenacetin	0/1	10.0	—	10.0/10.0 µg/L
Phenanthrene	0/1	10.0	—	10.0/10.0 µg/L
Phenol	0/1	10.0	—	10.0/10.0 µg/L
p-Phenylenediamine	0/1	20.0	—	20.0/20.0 µg/L
Phorate	0/1	10.0	—	10.0/10.0 µg/L
2-Picoline	0/1	10.0	—	10.0/10.0 µg/L
Pronamid	0/1	10.0	—	10.0/10.0 µg/L
Pyrene	0/1	10.0	—	10.0/10.0 µg/L
Pyridine	0/1	10.0	—	10.0/10.0 µg/L
Safrole	0/1	10.0	—	10.0/10.0 µg/L
Sulfotepp	0/1	10.0	—	10.0/10.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
1,2,4,5-Tetrachlorobenzene	0/1	10.0	—	10.0/10.0 µg/L
2,3,4,6-Tetrachlorophenol	0/1	10.0	—	10.0/10.0 µg/L
Thionazin	0/1	10.0	—	10.0/10.0 µg/L
o-Toluidine	0/1	10.0	—	10.0/10.0 µg/L
1,2,4-Trichlorobenzene	0/1	10.0	—	10.0/10.0 µg/L
2,4,5-Trichlorophenol	0/1	10.0	—	10.0/10.0 µg/L
2,4,6-Trichlorophenol	0/1	10.0	—	10.0/10.0 µg/L
O,O,O-Triethyl phosphorothioate	0/1	10.0	—	10.0/10.0 µg/L
1,3,5-Trinitrobenzene	0/1	10.0	—	10.0/10.0 µg/L
EPA8280				
1,2,3,4,6,7,8-HPCDD	0/1	0.01	—	0.01/0.01 µg/L
1,2,3,4,6,7,8-HPCDF	0/1	0.01	—	0.01/0.01 µg/L
1,2,3,4,7,8-HXCDD	0/1	0.01	—	0.01/0.01 µg/L
1,2,3,4,7,8-HXCDF	0/1	0.01	—	0.01/0.01 µg/L
Octachlorodibenzo-p-dioxin	0/1	0.01	—	0.01/0.01 µg/L
Octachlorodibenzo-p-furan	0/1	0.01	—	0.01/0.01 µg/L
1,2,3,7,8-PCDD	0/1	0.01	—	0.01/0.01 µg/L
1,2,3,7,8-PCDF	0/1	0.01	—	0.01/0.01 µg/L
2,3,7,8-TCDD	0/1	0.01	—	0.01/0.01 µg/L
2,3,7,8-TCDF	0/1	0.01	—	0.01/0.01 µg/L
EPA9012A				
Cyanide	0/7	9.29	1.89	5.0/10.0 µg/L
EPA9020B				
Total organic halogens	0/2	10.0	0.0	10.0/10.0 µg/L
EPA9034				
Sulfide	2/4	765	274	480/1,000 µg/L
EPA9056				
Fluoride	0/1	50.0	—	50.0/50.0 µg/L
EPA9060				
Total organic carbon	1/2	379	172	257/500 µg/L
EPA9066				
Phenols	0/6	5.0	0.0	5.0/5.0 µg/L

† Number of times analyte was detected compared to the total number of method blanks for the analyte.
— Standard deviation cannot be determined.

Note: If the analyte was not detected in the method blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 68. Analytes Detected in Method Blanks for WA

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA160.1				
Total dissolved solids	0/17	50,000	0.0	50,000/50,000 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA310.1				
Alkalinity (as $CaCO_3$)	5/8	3.46	2.39	0.74/6.70 meq/L
EPA340.2				
Fluoride	13/13	29.1	7.12	17.5/43.2 µg/L
EPA353.2				
Nitrate as nitrogen	1/1	4.0	—	4.0/4.0 µg/L
Nitrate-nitrite as nitrogen	2/18	18.2	5.17	4.0/20.0 µg/L
EPA365.2				
Total phosphates (as P)	4/14	50.8	26.5	10.4/67.0 µg/L
EPA6010B				
Aluminum	6/30	122	48.8	22.1/146 µg/L
Antimony	1/11	24.9	7.06	3.60/27.0 µg/L
Arsenic	1/19	38.4	7.09	9.10/40.0 µg/L
Barium	10/16	0.91	0.72	0.22/1.80 µg/L
Beryllium	0/6	1.60	0.0	1.60/1.60 µg/L
Boron	0/16	266	0.0	266/266 µg/L
Cadmium	0/21	4.70	0.0	4.70/4.70 µg/L
Calcium	1/12	441	105	108/471 µg/L
Chromium	1/17	6.64	1.50	0.80/7.0 µg/L
Cobalt	0/4	4.50	0.0	4.50/4.50 µg/L
Copper	0/11	15.0	0.0	15.0/15.0 µg/L
Iron	8/27	59.0	26.2	7.50/74.0 µg/L
Lead	1/21	45.3	7.83	11.1/47.0 µg/L
Lithium	1/16	2.55	0.60	0.29/2.70 µg/L
Magnesium	1/11	68.4	18.5	12.6/74.0 µg/L
Manganese	0/14	7.80	0.0	7.80/7.80 µg/L
Nickel	0/11	26.0	0.0	26.0/26.0 µg/L
Potassium	0/11	187	0.0	187/187 µg/L
Selenium	1/19	62.9	13.6	6.60/66.0 µg/L
Silica	0/10	1,350	6.32	1,350/1,370 µg/L
Silver	4/18	6.79	10.9	0.55/49.8 µg/L
Sodium	3/12	224	111	28.7/285 µg/L
Thallium	0/4	55.0	0.0	55.0/55.0 µg/L
Tin	0/11	70.0	0.0	70.0/70.0 µg/L
Vanadium	0/4	6.90	0.0	6.90/6.90 µg/L
Zinc	0/11	53.0	0.0	53.0/53.0 µg/L
EPA7470A				
Mercury, TCLP	0/3	0.70	0.0	0.70/0.70 µg/L
Mercury	0/20	0.70	0.0	0.70/0.70 µg/L
EPA8021B				
Carbon tetrachloride	0/5	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/5	1.0	0.0	1.0/1.0 µg/L
cis-1,2-Dichloroethylene	0/5	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/5	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/5	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/5	1.0	0.0	1.0/1.0 µg/L
EPA8081A				
Aldrin	0/7	0.05	0.0	0.05/0.05 µg/L
alpha-Benzene hexachloride	0/6	0.05	0.0	0.05/0.05 µg/L
beta-Benzene hexachloride	0/6	0.05	0.0	0.05/0.05 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
delta-Benzene hexachloride	0/7	0.05	0.0	0.05/0.05 µg/L
alpha-Chlordane	0/6	0.10	0.0	0.10/0.10 µg/L
gamma-Chlordane	0/7	0.10	0.0	0.10/0.10 µg/L
p,p´-DDD	0/7	0.10	0.0	0.10/0.10 µg/L
p,p´-DDE	0/7	0.10	0.0	0.10/0.10 µg/L
p,p´-DDT	0/7	0.10	0.0	0.10/0.10 µg/L
Dieldrin	0/7	0.10	0.0	0.10/0.10 µg/L
Endosulfan sulfate	0/7	0.10	0.0	0.10/0.10 µg/L
Endosulfan I	0/7	0.05	0.0	0.05/0.05 µg/L
Endosulfan II	0/7	0.10	0.0	0.10/0.10 µg/L
Endrin	0/7	0.10	0.0	0.10/0.10 µg/L
Endrin aldehyde	0/7	0.10	0.0	0.10/0.10 µg/L
Endrin ketone	0/1	0.10	—	0.10/0.10 µg/L
Heptachlor	0/7	0.05	0.0	0.05/0.05 µg/L
Heptachlor epoxide	0/7	0.05	0.0	0.05/0.05 µg/L
Isodrin	0/6	0.10	0.0	0.10/0.10 µg/L
Kepone	0/6	0.50	0.0	0.50/0.50 µg/L
Lindane	0/7	0.05	0.0	0.05/0.05 µg/L
Methoxychlor	0/7	0.50	0.0	0.50/0.50 µg/L
Toxaphene	0/7	5.0	0.0	5.0/5.0 µg/L
EPA8082				
PCB 1016	0/6	1.0	0.0	1.0/1.0 µg/L
PCB 1221	0/6	2.0	0.0	2.0/2.0 µg/L
PCB 1232	0/6	1.0	0.0	1.0/1.0 µg/L
PCB 1242	0/6	1.0	0.0	1.0/1.0 µg/L
PCB 1248	0/6	1.0	0.0	1.0/1.0 µg/L
PCB 1254	0/6	1.0	0.0	1.0/1.0 µg/L
PCB 1260	0/6	1.0	0.0	1.0/1.0 µg/L
EPA8141A				
Dimethoate	0/5	0.50	0.0	0.50/0.50 µg/L
Disulfoton	0/5	0.50	0.0	0.50/0.50 µg/L
Famphur	0/5	1.20	0.0	1.20/1.20 µg/L
Parathion ethyl	0/5	0.50	0.0	0.50/0.50 µg/L
Parathion methyl	0/5	0.50	0.0	0.50/0.50 µg/L
Phorate	0/5	0.50	0.0	0.50/0.50 µg/L
Sulfotepp	0/5	0.50	0.0	0.50/0.50 µg/L
Thionazin	0/5	0.50	0.0	0.50/0.50 µg/L
O,O,O-Triethyl phosphorothioate	0/5	0.50	0.0	0.50/0.50 µg/L
EPA8151A				
2,4-Dichlorophenoxyacetic acid	0/6	1.0	0.0	1.0/1.0 µg/L
2,4,5-T	0/6	0.50	0.0	0.50/0.50 µg/L
2,4,5-TP (Silvex)	0/6	0.50	0.0	0.50/0.50 µg/L
EPA8260B				
Acetone	0/7	10.0	0.0	10.0/10.0 µg/L
Acetonitrile	0/7	20.0	0.0	20.0/20.0 µg/L
Acrolein	0/7	20.0	0.0	20.0/20.0 µg/L
Acrylonitrile	0/7	5.0	0.0	5.0/5.0 µg/L
Allyl chloride	0/7	10.0	0.0	10.0/10.0 µg/L
Benzene	0/34	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/31	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/31	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/31	10.0	0.0	10.0/10.0 µg/L
Carbon disulfide	0/7	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/31	5.0	0.0	5.0/5.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Chlorobenzene	0/34	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/31	10.0	0.0	10.0/10.0 µg/L
Chloroethene	0/31	10.0	0.0	10.0/10.0 µg/L
2-Chloroethyl vinyl ether	0/26	10.0	0.0	10.0/10.0 µg/L
Chloroform	0/32	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/32	10.0	0.0	10.0/10.0 µg/L
Chloroprene	0/7	5.0	0.0	5.0/5.0 µg/L
Dibromochloromethane	0/32	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/7	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromoethane	0/7	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/7	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/7	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/7	10.0	0.0	10.0/10.0 µg/L
1,1-Dichloroethane	0/31	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/31	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/32	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethylene	0/3	5.0	0.0	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/6	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/28	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	31/32	7.83	3.64	4.12/18.1 µg/L
1,2-Dichloropropane	0/31	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/32	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/32	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/32	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	1/7	8.82	3.11	1.76/10.0 µg/L
Iodomethane	0/7	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/7	100	0.0	100/100 µg/L
Methacrylonitrile	0/7	10.0	0.0	10.0/10.0 µg/L
Methyl ethyl ketone	0/7	10.0	0.0	10.0/10.0 µg/L
Methyl isobutyl ketone	0/7	10.0	0.0	10.0/10.0 µg/L
Propionitrile	0/7	50.0	0.0	50.0/50.0 µg/L
Styrene	0/7	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/7	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/33	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/31	5.0	0.0	5.0/5.0 µg/L
Toluene	0/34	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/32	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	0/32	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/34	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/32	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/7	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/7	10.0	0.0	10.0/10.0 µg/L
Xylenes	0/31	5.0	0.0	5.0/5.0 µg/L
EPA8270C				
Acenaphthene	0/6	10.0	0.0	10.0/10.0 µg/L
Acenaphthylene	0/6	10.0	0.0	10.0/10.0 µg/L
Acetophenone	0/6	10.0	0.0	10.0/10.0 µg/L
2-Acetylaminofluorene	0/6	10.0	0.0	10.0/10.0 µg/L
4-Aminobiphenyl	0/6	10.0	0.0	10.0/10.0 µg/L
Aniline	0/6	10.0	0.0	10.0/10.0 µg/L
Anthracene	0/6	10.0	0.0	10.0/10.0 µg/L
Aramite	0/6	20.0	0.0	20.0/20.0 µg/L
Benzo[*a*]anthracene	0/6	10.0	0.0	10.0/10.0 µg/L
Benzo[*b*]fluoranthene	0/6	10.0	0.0	10.0/10.0 µg/L
Benzo[*k*]fluoranthene	0/6	10.0	0.0	10.0/10.0 µg/L
Benzoic acid	0/6	26.0	0.0	26.0/26.0 µg/L
Benzo[*g,h,i*]perylene	0/6	10.0	0.0	10.0/10.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Benzo[*a*]pyrene	0/6	10.0	0.0	10.0/10.0 µg/L
Benzyl alcohol	0/6	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroethoxy) methane	0/6	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroethyl) ether	0/6	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroisopropyl) ether	0/6	10.0	0.0	10.0/10.0 µg/L
Bis(2-ethylhexyl) phthalate	0/9	9.44	1.67	5.0/10.0 µg/L
4-Bromophenyl phenyl ether	0/6	10.0	0.0	10.0/10.0 µg/L
Butylbenzyl phthalate	0/6	10.0	0.0	10.0/10.0 µg/L
2-sec-Butyl-4,6-dinitrophenol	0/6	50.0	0.0	50.0/50.0 µg/L
4-Chloroaniline	0/6	10.0	0.0	10.0/10.0 µg/L
Chlorobenzilate	0/6	10.0	0.0	10.0/10.0 µg/L
4-Chloro-m-cresol	0/6	10.0	0.0	10.0/10.0 µg/L
2-Chloronaphthalene	0/6	10.0	0.0	10.0/10.0 µg/L
2-Chlorophenol	0/6	10.0	0.0	10.0/10.0 µg/L
4-Chlorophenyl phenyl ether	0/6	10.0	0.0	10.0/10.0 µg/L
Chrysene	0/6	10.0	0.0	10.0/10.0 µg/L
m-Cresol	0/6	10.0	0.0	10.0/10.0 µg/L
o-Cresol	0/6	10.0	0.0	10.0/10.0 µg/L
p-Cresol	0/6	10.0	0.0	10.0/10.0 µg/L
Diallate	0/6	10.0	0.0	10.0/10.0 µg/L
Dibenz[*a,h*]anthracene	0/6	10.0	0.0	10.0/10.0 µg/L
Dibenzofuran	0/6	10.0	0.0	10.0/10.0 µg/L
Di-n-butyl phthalate	0/6	10.0	0.0	10.0/10.0 µg/L
1,2-Dichlorobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
1,3-Dichlorobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
1,4-Dichlorobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
3,3´-Dichlorobenzidine	0/6	20.0	0.0	20.0/20.0 µg/L
2,4-Dichlorophenol	0/6	10.0	0.0	10.0/10.0 µg/L
2,6-Dichlorophenol	0/6	10.0	0.0	10.0/10.0 µg/L
Diethyl phthalate	0/6	10.0	0.0	10.0/10.0 µg/L
2,4-Dimethyl phenol	0/6	10.0	0.0	10.0/10.0 µg/L
Dimethyl phthalate	0/6	10.0	0.0	10.0/10.0 µg/L
p-Dimethylaminoazobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
7,12-Dimethylbenz[*a*]anthracene	0/6	10.0	0.0	10.0/10.0 µg/L
3,3´-Dimethylbenzidine	0/6	10.0	0.0	10.0/10.0 µg/L
a,a-Dimethylphenethylamine	0/6	10.0	0.0	10.0/10.0 µg/L
1,3-Dinitrobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
2,4-Dinitrophenol	0/6	26.0	0.0	26.0/26.0 µg/L
2,4-Dinitrotoluene	0/6	10.0	0.0	10.0/10.0 µg/L
2,6-Dinitrotoluene	0/6	10.0	0.0	10.0/10.0 µg/L
Di-n-octyl phthalate	0/6	10.0	0.0	10.0/10.0 µg/L
1,4-Dioxane	0/6	10.0	0.0	10.0/10.0 µg/L
Diphenylamine	0/6	10.0	0.0	10.0/10.0 µg/L
Ethyl methacrylate	0/6	10.0	0.0	10.0/10.0 µg/L
Ethyl methanesulfonate	0/6	10.0	0.0	10.0/10.0 µg/L
Fluoranthene	0/6	10.0	0.0	10.0/10.0 µg/L
Fluorene	0/6	10.0	0.0	10.0/10.0 µg/L
Hexachlorobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
Hexachlorobutadiene	0/6	10.0	0.0	10.0/10.0 µg/L
Hexachlorocyclopentadiene	0/6	10.0	0.0	10.0/10.0 µg/L
Hexachloroethane	0/6	10.0	0.0	10.0/10.0 µg/L
Hexachlorophene	0/6	250	0.0	250/250 µg/L
Hexachloropropene	0/6	10.0	0.0	10.0/10.0 µg/L
Indeno[1,2,3-*c,d*]pyrene	0/6	10.0	0.0	10.0/10.0 µg/L
Isophorone	0/6	10.0	0.0	10.0/10.0 µg/L
Isosafrole	0/6	10.0	0.0	10.0/10.0 µg/L
Methapyrilene	0/6	10.0	0.0	10.0/10.0 µg/L
2-Methyl-4,6-dinitrophenol	0/6	26.0	0.0	26.0/26.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Methyl methacrylate	0/6	10.0	0.0	10.0/10.0 µg/L
Methyl methanesulfonate	0/6	10.0	0.0	10.0/10.0 µg/L
3-Methylcholanthrene	0/6	10.0	0.0	10.0/10.0 µg/L
2-Methylnaphthalene	0/6	10.0	0.0	10.0/10.0 µg/L
Naphthalene	0/6	10.0	0.0	10.0/10.0 µg/L
1,4-Naphthoquinone	0/6	10.0	0.0	10.0/10.0 µg/L
1-Naphthylamine	0/6	10.0	0.0	10.0/10.0 µg/L
2-Naphthylamine	0/6	10.0	0.0	10.0/10.0 µg/L
m-Nitroaniline	0/6	26.0	0.0	26.0/26.0 µg/L
o-Nitroaniline	0/6	26.0	0.0	26.0/26.0 µg/L
p-Nitroaniline	0/6	26.0	0.0	26.0/26.0 µg/L
Nitrobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
2-Nitrophenol	0/6	10.0	0.0	10.0/10.0 µg/L
4-Nitrophenol	0/6	26.0	0.0	26.0/26.0 µg/L
4-Nitroquinoline-1-oxide	0/6	20.0	0.0	20.0/20.0 µg/L
N-Nitrosodi-n-butylamine	0/6	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodiethylamine	0/6	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodimethylamine	0/6	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodiphenylamine	0/6	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodipropylamine	0/6	10.0	0.0	10.0/10.0 µg/L
N-Nitrosomethylethylamine	0/6	10.0	0.0	10.0/10.0 µg/L
N-Nitrosomorpholine	0/6	10.0	0.0	10.0/10.0 µg/L
N-Nitrosopiperidine	0/6	50.0	0.0	50.0/50.0 µg/L
N-Nitrosopyrrolidine	0/6	10.0	0.0	10.0/10.0 µg/L
5-Nitro-o-toluidine	0/6	10.0	0.0	10.0/10.0 µg/L
Pentachlorobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
Pentachloroethane	0/6	10.0	0.0	10.0/10.0 µg/L
Pentachloronitrobenzene	0/6	50.0	0.0	50.0/50.0 µg/L
Pentachlorophenol	0/6	26.0	0.0	26.0/26.0 µg/L
Phenacetin	0/6	10.0	0.0	10.0/10.0 µg/L
Phenanthrene	0/6	10.0	0.0	10.0/10.0 µg/L
Phenol	0/6	10.0	0.0	10.0/10.0 µg/L
p-Phenylenediamine	0/6	10.0	0.0	10.0/10.0 µg/L
2-Picoline	0/6	10.0	0.0	10.0/10.0 µg/L
Pronamid	0/6	10.0	0.0	10.0/10.0 µg/L
Pyrene	0/6	10.0	0.0	10.0/10.0 µg/L
Pyridine	0/6	10.0	0.0	10.0/10.0 µg/L
Safrole	0/6	10.0	0.0	10.0/10.0 µg/L
1,2,4,5-Tetrachlorobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
2,3,4,6-Tetrachlorophenol	0/6	10.0	0.0	10.0/10.0 µg/L
o-Toluidine	0/6	10.0	0.0	10.0/10.0 µg/L
1,2,4-Trichlorobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
2,4,5-Trichlorophenol	0/6	26.0	0.0	26.0/26.0 µg/L
2,4,6-Trichlorophenol	0/6	10.0	0.0	10.0/10.0 µg/L
1,3,5-Trinitrobenzene	0/6	10.0	0.0	10.0/10.0 µg/L
EPA8280A				
Hexachlorodibenzo-p-dioxins	0/3	1.50	0.0	1.50/1.50 ng/L
Hexachlorodibenzo-p-furans	0/3	1.60	0.0	1.60/1.60 ng/L
Pentachlorodibenzo-p-furans	0/6	1.95	0.27	1.70/2.20 ng/L
2,3,7,8-TCDD	0/4	1.20	0.0	1.20/1.20 ng/L
Tetrachlorodibenzo-p-dioxins	0/3	1.20	0.0	1.20/1.20 ng/L
Tetrachlorodibenzo-p-furans	0/3	1.10	0.0	1.10/1.10 ng/L
EPA9010B				
Cyanide	0/1	50.0	—	50.0/50.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA9014				
Cyanide	0/5	15.2	0.0	15.2/15.2 µg/L
EPA9020B				
Total organic halogens	2/18	108	34.6	12.2/120 µg/L
EPA9034				
Sulfide	0/7	14,300	5,350	10,000/20,000 µg/L
EPA9050A				
Specific conductance	0/3	8.90	0.0	8.90/8.90 µS/cm
EPA9056				
Chloride	0/12	210	0.0	210/210 µg/L
Sulfate	0/12	340	0.0	340/340 µg/L
EPA9060				
Total organic carbon	3/11	1,870	2,040	122/5,000 µg/L
EPA9066				
Phenols	0/10	37.0	0.0	37.0/37.0 µg/L

† Number of times analyte was detected compared to the total number of method blanks for the analyte.
— Standard deviation cannot be determined.

Note: If the analyte was not detected in the method blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 69. Analytes Detected in Method Blanks for ML

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA6010B				
Aluminum	2/3	22.8	15.1	11.9/40.0 µg/L
Antimony	0/3	20.0	0.0	20.0/20.0 µg/L
Arsenic	0/3	20.0	0.0	20.0/20.0 µg/L
Barium	0/3	15.0	0.0	15.0/15.0 µg/L
Beryllium	0/3	5.0	0.0	5.0/5.0 µg/L
Cadmium	0/3	25.0	0.0	25.0/25.0 µg/L
Calcium	3/3	43.5	18.7	25.0/62.3 µg/L
Chromium	0/3	30.0	0.0	30.0/30.0 µg/L
Cobalt	0/3	20.0	0.0	20.0/20.0 µg/L
Copper	0/3	60.0	0.0	60.0/60.0 µg/L
Iron	2/3	21.6	16.2	9.33/40.0 µg/L
Lead	0/3	20.0	0.0	20.0/20.0 µg/L
Magnesium	1/3	137	83.4	40.6/185 µg/L
Manganese	0/3	10.0	0.0	10.0/10.0 µg/L
Nickel	0/3	60.0	0.0	60.0/60.0 µg/L
Potassium	0/3	1,870	0.0	1,870/1,870 µg/L
Selenium	0/3	40.0	0.0	40.0/40.0 µg/L
Silver	0/3	50.0	0.0	50.0/50.0 µg/L
Sodium	0/3	675	0.0	675/675 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Thallium	0/3	20.0	0.0	20.0/20.0 µg/L
Vanadium	0/3	30.0	0.0	30.0/30.0 µg/L
Zinc	0/3	30.0	0.0	30.0/30.0 µg/L
EPA7470A				
Mercury	0/3	0.20	0.0	0.20/0.20 µg/L
EPA8081A				
Aldrin	0/1	0.05	—	0.05/0.05 µg/L
alpha-Benzene hexachloride	0/1	0.05	—	0.05/0.05 µg/L
beta-Benzene hexachloride	0/1	0.05	—	0.05/0.05 µg/L
delta-Benzene hexachloride	0/1	0.05	—	0.05/0.05 µg/L
alpha-Chlordane	0/1	0.05	—	0.05/0.05 µg/L
gamma-Chlordane	0/1	0.05	—	0.05/0.05 µg/L
p,p´-DDD	0/1	0.05	—	0.05/0.05 µg/L
p,p´-DDE	0/1	0.05	—	0.05/0.05 µg/L
p,p´-DDT	0/1	0.05	—	0.05/0.05 µg/L
Dieldrin	0/1	0.05	—	0.05/0.05 µg/L
Endosulfan sulfate	0/1	0.05	—	0.05/0.05 µg/L
Endosulfan I	0/1	0.05	—	0.05/0.05 µg/L
Endosulfan II	0/1	0.05	—	0.05/0.05 µg/L
Endrin	0/1	0.05	—	0.05/0.05 µg/L
Endrin ketone	0/1	0.05	—	0.05/0.05 µg/L
Heptachlor	0/3	0.05	0.0	0.05/0.05 µg/L
Heptachlor epoxide	0/1	0.05	—	0.05/0.05 µg/L
Lindane	0/1	0.05	—	0.05/0.05 µg/L
Methoxychlor	0/1	0.05	—	0.05/0.05 µg/L
Toxaphene	0/1	2.50	—	2.50/2.50 µg/L
EPA8082				
PCB 1016	0/1	1.0	—	1.0/1.0 µg/L
PCB 1221	0/1	1.0	—	1.0/1.0 µg/L
PCB 1232	0/1	1.0	—	1.0/1.0 µg/L
PCB 1242	0/1	1.0	—	1.0/1.0 µg/L
PCB 1248	0/1	1.0	—	1.0/1.0 µg/L
PCB 1254	0/1	1.0	—	1.0/1.0 µg/L
PCB 1260	0/1	1.0	—	1.0/1.0 µg/L
EPA8260B				
Acetone	0/7	10.0	0.0	10.0/10.0 µg/L
Benzene	1/7	0.96	0.09	0.75/1.0 µg/L
Bromodichloromethane	0/7	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/7	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/7	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/7	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/7	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/7	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/7	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/7	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/7	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/7	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/7	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/7	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/7	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/7	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/7	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	0/7	10.0	0.0	10.0/10.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
1,2-Dichloropropane	0/7	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/7	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/7	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	0/7	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/7	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	0/7	5.0	0.0	5.0/5.0 µg/L
Methyl isobutyl ketone	0/7	5.0	0.0	5.0/5.0 µg/L
Styrene	0/7	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/7	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/7	1.0	0.0	1.0/1.0 µg/L
Toluene	0/7	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/7	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/7	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/7	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/7	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/7	1.0	0.0	1.0/1.0 µg/L
EPA8270C				
Acenaphthene	0/1	2.0	—	2.0/2.0 µg/L
Acenaphthylene	0/1	2.0	—	2.0/2.0 µg/L
Anthracene	0/1	2.0	—	2.0/2.0 µg/L
Benzo[*a*]anthracene	0/1	2.0	—	2.0/2.0 µg/L
Benzo[*b*]fluoranthene	0/1	2.0	—	2.0/2.0 µg/L
Benzo[*k*]fluoranthene	0/1	2.0	—	2.0/2.0 µg/L
Benzoic acid	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*g,h,i*]perylene	0/1	2.0	—	2.0/2.0 µg/L
Benzo[*a*]pyrene	0/1	2.0	—	2.0/2.0 µg/L
Benzyl alcohol	0/1	2.0	—	2.0/2.0 µg/L
Bis(2-chloroethoxy) methane	0/1	2.0	—	2.0/2.0 µg/L
Bis(2-chloroethyl) ether	0/1	1.80	—	1.80/1.80 µg/L
Bis(2-chloroisopropyl) ether	0/1	2.0	—	2.0/2.0 µg/L
Bis(2-ethylhexyl) phthalate	0/1	5.0	—	5.0/5.0 µg/L
4-Bromophenyl phenyl ether	0/1	2.0	—	2.0/2.0 µg/L
Butylbenzyl phthalate	0/1	2.0	—	2.0/2.0 µg/L
4-Chloroaniline	0/1	10.0	—	10.0/10.0 µg/L
4-Chloro-m-cresol	0/1	5.0	—	5.0/5.0 µg/L
2-Chloronaphthalene	0/1	2.0	—	2.0/2.0 µg/L
2-Chlorophenol	0/1	5.0	—	5.0/5.0 µg/L
4-Chlorophenyl phenyl ether	0/1	2.0	—	2.0/2.0 µg/L
Chrysene	0/1	2.0	—	2.0/2.0 µg/L
o-Cresol	0/1	5.0	—	5.0/5.0 µg/L
p-Cresol	0/1	5.0	—	5.0/5.0 µg/L
Dibenz[*a,h*]anthracene	0/1	2.0	—	2.0/2.0 µg/L
Dibenzofuran	0/1	2.0	—	2.0/2.0 µg/L
Di-n-butyl phthalate	0/1	2.0	—	2.0/2.0 µg/L
1,2-Dichlorobenzene	0/1	2.0	—	2.0/2.0 µg/L
1,3-Dichlorobenzene	0/1	2.0	—	2.0/2.0 µg/L
1,4-Dichlorobenzene	0/1	2.0	—	2.0/2.0 µg/L
3,3´-Dichlorobenzidine	0/1	20.0	—	20.0/20.0 µg/L
2,4-Dichlorophenol	0/1	5.0	—	5.0/5.0 µg/L
Diethyl phthalate	0/1	2.0	—	2.0/2.0 µg/L
2,4-Dimethyl phenol	0/1	5.0	—	5.0/5.0 µg/L
Dimethyl phthalate	0/1	2.0	—	2.0/2.0 µg/L
2,4-Dinitrophenol	0/1	10.0	—	10.0/10.0 µg/L
2,4-Dinitrotoluene	0/1	2.0	—	2.0/2.0 µg/L
2,6-Dinitrotoluene	0/1	2.0	—	2.0/2.0 µg/L
Di-n-octyl phthalate	0/1	2.0	—	2.0/2.0 µg/L
Fluoranthene	0/1	2.0	—	2.0/2.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Fluorene	0/1	2.0	—	2.0/2.0 µg/L
Hexachlorobenzene	0/1	2.0	—	2.0/2.0 µg/L
Hexachlorobutadiene	0/1	2.0	—	2.0/2.0 µg/L
Hexachlorocyclopentadiene	0/1	2.0	—	2.0/2.0 µg/L
Hexachloroethane	0/1	2.0	—	2.0/2.0 µg/L
Indeno[1,2,3-*c,d*]pyrene	0/1	2.0	—	2.0/2.0 µg/L
Isophorone	0/1	2.0	—	2.0/2.0 µg/L
2-Methyl-4,6-dinitrophenol	0/1	10.0	—	10.0/10.0 µg/L
2-Methylnaphthalene	0/1	2.0	—	2.0/2.0 µg/L
Naphthalene	0/1	2.0	—	2.0/2.0 µg/L
m-Nitroaniline	0/1	5.0	—	5.0/5.0 µg/L
o-Nitroaniline	0/1	5.0	—	5.0/5.0 µg/L
p-Nitroaniline	0/1	24.0	—	24.0/24.0 µg/L
Nitrobenzene	0/1	2.0	—	2.0/2.0 µg/L
2-Nitrophenol	0/1	5.0	—	5.0/5.0 µg/L
4-Nitrophenol	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosodiphenylamine	0/1	2.0	—	2.0/2.0 µg/L
N-Nitrosodipropylamine	0/1	5.0	—	5.0/5.0 µg/L
Pentachlorophenol	0/1	10.0	—	10.0/10.0 µg/L
Phenanthrene	0/1	2.0	—	2.0/2.0 µg/L
Phenol	0/1	5.0	—	5.0/5.0 µg/L
Pyrene	0/1	2.0	—	2.0/2.0 µg/L
1,2,4-Trichlorobenzene	0/1	1.35	—	1.35/1.35 µg/L
2,4,5-Trichlorophenol	0/1	5.0	—	5.0/5.0 µg/L
2,4,6-Trichlorophenol	0/1	5.0	—	5.0/5.0 µg/L
EPA9014				
Cyanide	0/1	20.0	—	20.0/20.0 µg/L

† Number of times analyte was detected compared to the total number of method blanks for the analyte.
— Standard deviation cannot be determined.

Note: If the analyte was not detected in the method blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 70. Analytes Detected in Method Blanks for GP

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPIA-001				
Gross alpha	1/32	1.39E-10	2.56E-10	-1.90E-10/1.04E-09 µCi/mL
Nonvolatile beta	1/31	3.97E-10	7.41E-10	-4.96E-10/3.09E-09 µCi/mL
EPIA-002				
Tritium	1/27	-5.77E-08	2.31E-07	-3.60E-07/5.64E-07 µCi/mL
EPIA-003				
Carbon-14	0/17	-4.59E-10	2.07E-09	-3.72E-09/3.71E-09 µCi/mL
EPIA-004				
Strontium-89/90	0/5	-3.12E-11	2.66E-10	-2.99E-10/3.30E-10 µCi/mL
Strontium-90	1/9	3.78E-10	3.98E-10	-6.43E-11/1.24E-09 µCi/mL

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPIA-005				
Technetium-99	0/8	-9.92E-10	4.67E-09	-1.19E-08/3.13E-09 µCi/mL
EPIA-006				
Iodine-129	0/11	1.34E-10	2.55E-10	-1.95E-10/5.68E-10 µCi/mL
EPIA-008				
Radium-226	1/16	4.10E-10	3.50E-10	7.60E-11/1.58E-09 µCi/mL
EPIA-009				
Radium-228	0/18	1.52E-11	4.61E-10	-1.60E-09/3.77E-10 µCi/mL
EPIA-010				
Radium, total alpha-emitting	0/2	-1.50E-10	7.07E-11	-2.00E-10/-1.00E-10 µCi/mL
EPIA-011				
Americium-241	0/9	4.08E-12	1.31E-11	-1.79E-11/3.10E-11 µCi/mL
Curium-242	1/11	1.32E-12	1.97E-11	-1.10E-11/5.90E-11 µCi/mL
Curium-243/244	0/11	-1.98E-12	3.26E-11	-3.70E-11/7.44E-11 µCi/mL
Curium-245/246	1/11	1.86E-11	2.63E-11	-5.00E-12/6.80E-11 µCi/mL
Plutonium-238	0/10	-1.39E-11	4.47E-11	-7.50E-11/5.52E-11 µCi/mL
Plutonium-239/240	0/10	9.28E-12	2.51E-11	-1.92E-11/5.30E-11 µCi/mL
Uranium-233/234	0/12	1.55E-11	5.59E-11	-1.27E-10/1.20E-10 µCi/mL
Uranium-235	0/12	-4.48E-12	2.07E-11	-5.67E-11/1.91E-11 µCi/mL
Uranium-238	0/11	2.28E-11	5.36E-11	-1.19E-11/1.79E-10 µCi/mL
EPIA-012				
Thorium-228	0/9	1.02E-11	4.14E-11	-3.73E-11/1.11E-10 µCi/mL
Thorium-230	1/9	2.60E-11	2.44E-11	-2.91E-12/6.10E-11 µCi/mL
Thorium-232	0/9	0.0	7.37E-12	-7.40E-12/1.74E-11 µCi/mL
EPIA-013				
Actinium-228	0/11	4.72E-09	2.52E-09	1.24E-09/8.67E-09 µCi/mL
Antimony-125	0/11	-4.67E-10	2.48E-09	-4.07E-09/3.40E-09 µCi/mL
Cerium-144	0/11	8.41E-10	5.57E-09	-9.32E-09/1.04E-08 µCi/mL
Cesium-134	0/11	-3.91E-10	1.18E-09	-3.10E-09/8.77E-10 µCi/mL
Cesium-137	0/11	1.83E-10	1.27E-09	-2.94E-09/1.69E-09 µCi/mL
Cobalt-57	0/11	6.95E-11	6.54E-10	-1.28E-09/8.83E-10 µCi/mL
Cobalt-60	0/11	3.15E-10	6.84E-10	-9.42E-10/1.78E-09 µCi/mL
Europium-152	0/11	4.59E-10	1.88E-09	-2.66E-09/3.19E-09 µCi/mL
Europium-154	0/11	4.73E-12	2.70E-09	-5.45E-09/5.42E-09 µCi/mL
Europium-155	0/11	4.82E-10	3.83E-09	-8.29E-09/5.82E-09 µCi/mL
Lead-212	2/10	3.84E-09	3.20E-09	2.49E-10/9.47E-09 µCi/mL
Manganese-54	0/11	-2.28E-10	1.24E-09	-2.61E-09/1.44E-09 µCi/mL
Potassium-40	0/11	1.02E-08	8.53E-09	2.53E-10/2.31E-08 µCi/mL
Promethium-144	0/11	8.75E-10	1.44E-09	-5.69E-10/3.80E-09 µCi/mL
Promethium-146	0/11	-3.14E-10	1.49E-09	-3.68E-09/1.10E-09 µCi/mL
Ruthenium-106	0/11	-6.64E-11	6.76E-09	-1.15E-08/8.17E-09 µCi/mL
Sodium-22	0/11	1.00E-11	9.73E-10	-1.94E-09/1.93E-09 µCi/mL
Yttrium-88	0/11	2.30E-10	1.43E-09	-2.43E-09/1.66E-09 µCi/mL
Zinc-65	0/11	-1.39E-09	2.44E-09	-4.86E-09/1.48E-09 µCi/mL

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPIA-022				
Nickel-63	0/6	1.70E-10	2.63E-09	-4.87E-09/2.17E-09 µCi/mL
EPIA-032				
Neptunium-237	0/3	3.72E-12	1.08E-11	-3.62E-12/1.61E-11 µCi/mL

† Number of times analyte was detected compared to the total number of method blanks for the analyte.

Note: If the analyte was not detected in the method blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 71. Analytes Detected in Method Blanks for TM

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
3500NIEMOD				
Nickel-63	0/2	-2.41E-09	1.96E-09	-3.79E-09/-1.02E-09 µCi/mL
ASTMD5174M				
Uranium	0/1	0.0	—	0.0/0.0 µg/L
EICHROMTC1M				
Technetium-99	0/1	4.10E-10	—	4.10E-10/4.10E-10 µCi/mL
EICHROMTC1MOD				
Technetium-99	0/3	3.40E-10	3.70E-10	3.00E-11/7.50E-10 µCi/mL
EMLSR02MOD				
Strontium-89	0/2	3.35E-10	5.16E-10	-3.00E-11/7.00E-10 µCi/mL
Strontium-90	0/9	4.00E-11	3.22E-10	-6.40E-10/5.60E-10 µCi/mL
EPA900.0MOD				
Gross alpha	2/33	-3.26E-09	1.92E-08	-1.10E-07/4.60E-10 µCi/mL
Nonvolatile beta	2/31	9.61E-09	5.39E-08	-8.50E-10/3.00E-07 µCi/mL
EPA901.1MOD				
Cesium-137	0/4	-2.33E-10	2.51E-09	-3.84E-09/1.93E-09 µCi/mL
Cobalt-60	0/4	2.09E-09	1.44E-09	4.80E-10/3.94E-09 µCi/mL
EPA902.0MOD				
Iodine-129	0/3	-1.07E-09	1.94E-09	-2.64E-09/1.10E-09 µCi/mL
EPA903.0MOD				
Radium, total alpha-emitting	1/1	1.13E-09	—	1.13E-09/1.13E-09 µCi/mL
Radium-226	1/9	9.44E-11	4.07E-11	2.00E-11/1.40E-10 µCi/mL
EPA904.0MOD				
Radium-228	0/9	-1.04E-10	4.56E-10	-8.30E-10/7.90E-10 µCi/mL

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA906.0MOD				
Tritium	2/35	2.76E-07	1.60E-06	-1.53E-06/9.11E-06 µCi/mL

† Number of times analyte was detected compared to the total number of method blanks for the analyte.
— Standard deviation cannot be determined.

Note: If the analyte was not detected in the method blank(s), detection limit information appears in the Mean Result *and* Minimum/Maximum Results *columns.*

Table 72. Analytes Detected in Field Blanks for EX

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA300.0				
Nitrate as nitrogen	0/2	100	0.0	100/100 µg/L
Nitrate-nitrite as nitrogen	0/2	300	283	100/500 µg/L
EPA6010B				
Aluminum	0/2	200	0.0	200/200 µg/L
Arsenic	0/2	10.0	0.0	10.0/10.0 µg/L
Barium	0/2	10.0	0.0	10.0/10.0 µg/L
Boron	0/4	100	0.0	100/100 µg/L
Cadmium	0/2	6.07	5.56	2.14/10.0 µg/L
Chromium	0/2	10.0	0.0	10.0/10.0 µg/L
Iron	0/2	10.4	7.63	5.01/15.8 µg/L
Lead	0/4	10.0	0.0	10.0/10.0 µg/L
Manganese	2/4	6.05	4.74	0.52/10.0 µg/L
Selenium	0/2	10.0	0.0	10.0/10.0 µg/L
Silver	0/2	20.0	0.0	20.0/20.0 µg/L
EPA7470A				
Mercury	1/4	0.50	0.0	0.50/0.50 µg/L

† Number of times analyte was detected compared to the total number of field blanks for the analyte.

Note: If the analyte was not detected in the field blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 73. Analytes Detected in Field Blanks for GE

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA300.0				
Chloride	0/1	100	—	100/100 µg/L
Sulfate	0/1	200	—	200/200 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA353.1				
Nitrate-nitrite as nitrogen	3/13	27.7	21.7	10.0/80.0 µg/L
EPA365.4				
Total phosphates (as P)	0/1	30.0	—	30.0/30.0 µg/L
EPA6010B				
Aluminum	0/2	50.0	0.0	50.0/50.0 µg/L
Antimony	0/1	10.0	—	10.0/10.0 µg/L
Arsenic	0/1	5.0	—	5.0/5.0 µg/L
Barium	0/1	5.0	—	5.0/5.0 µg/L
Beryllium	0/1	5.0	—	5.0/5.0 µg/L
Cadmium	0/1	5.0	—	5.0/5.0 µg/L
Calcium	0/1	100	—	100/100 µg/L
Chromium	0/1	5.0	—	5.0/5.0 µg/L
Cobalt	0/1	5.0	—	5.0/5.0 µg/L
Copper	0/1	5.0	—	5.0/5.0 µg/L
Iron	0/2	50.0	0.0	50.0/50.0 µg/L
Lead	0/1	5.0	—	5.0/5.0 µg/L
Magnesium	0/1	10.0	—	10.0/10.0 µg/L
Manganese	0/1	10.0	—	10.0/10.0 µg/L
Nickel	0/1	5.0	—	5.0/5.0 µg/L
Potassium	0/1	100	—	100/100 µg/L
Selenium	0/1	5.0	—	5.0/5.0 µg/L
Silver	0/1	5.0	—	5.0/5.0 µg/L
Sodium	0/1	500	—	500/500 µg/L
Thallium	0/1	5.0	—	5.0/5.0 µg/L
Vanadium	1/1	1.47	—	1.47/1.47 µg/L
Zinc	0/1	2.29	—	2.29/2.29 µg/L
EPA6020				
Aluminum	1/8	13.7	3.71	4.52/15.0 µg/L
Antimony	0/8	1.36	0.88	0.24/2.0 µg/L
Arsenic	5/8	2.53	0.67	1.69/3.45 µg/L
Barium	1/8	1.58	0.78	0.20/2.0 µg/L
Beryllium	2/9	0.17	0.07	0.03/0.20 µg/L
Cadmium	0/8	1.0	0.0	1.0/1.0 µg/L
Chromium	7/8	2.22	0.94	0.82/3.74 µg/L
Cobalt	0/8	1.0	0.0	1.0/1.0 µg/L
Copper	1/8	1.05	0.44	0.40/2.0 µg/L
Iron	2/8	23.3	3.22	16.7/25.0 µg/L
Lead	1/8	1.86	0.40	0.87/2.0 µg/L
Nickel	0/8	1.76	0.67	0.12/2.0 µg/L
Selenium	0/8	4.75	0.71	3.0/5.0 µg/L
Silver	0/8	0.91	0.26	0.27/1.0 µg/L
Thallium	0/8	0.45	0.13	0.13/0.50 µg/L
Tin	0/8	4.43	1.61	0.45/5.0 µg/L
Uranium	0/1	2.0	—	2.0/2.0 µg/L
Vanadium	3/8	9.82	3.18	3.34/13.5 µg/L
Zinc	1/8	8.90	3.10	1.22/10.0 µg/L
EPA7470A				
Mercury	0/10	0.20	0.0	0.20/0.20 µg/L
EPA8081A				
Aldrin	0/1	0.10	—	0.10/0.10 µg/L
alpha-Benzene hexachloride	0/1	0.10	—	0.10/0.10 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
beta-Benzene hexachloride	0/1	0.10	—	0.10/0.10 µg/L
delta-Benzene hexachloride	0/1	0.10	—	0.10/0.10 µg/L
Chlordane	0/1	1.25	—	1.25/1.25 µg/L
p,p´-DDD	0/1	0.20	—	0.20/0.20 µg/L
p,p´-DDE	0/1	0.20	—	0.20/0.20 µg/L
p,p´-DDT	0/1	0.20	—	0.20/0.20 µg/L
Dieldrin	0/1	0.20	—	0.20/0.20 µg/L
Endosulfan sulfate	0/1	0.20	—	0.20/0.20 µg/L
Endosulfan I	0/1	0.10	—	0.10/0.10 µg/L
Endosulfan II	0/1	0.20	—	0.20/0.20 µg/L
Endrin	0/1	0.20	—	0.20/0.20 µg/L
Endrin aldehyde	0/1	0.20	—	0.20/0.20 µg/L
Heptachlor	0/1	0.10	—	0.10/0.10 µg/L
Heptachlor epoxide	0/1	0.10	—	0.10/0.10 µg/L
Lindane	0/1	0.10	—	0.10/0.10 µg/L
Methoxychlor	0/1	1.0	—	1.0/1.0 µg/L
Toxaphene	0/1	5.0	—	5.0/5.0 µg/L
EPA8082				
PCB 1016	0/2	0.10	0.0	0.10/0.10 µg/L
PCB 1221	0/2	0.10	0.0	0.10/0.10 µg/L
PCB 1232	0/2	0.10	0.0	0.10/0.10 µg/L
PCB 1242	0/2	0.10	0.0	0.10/0.10 µg/L
PCB 1248	0/2	0.10	0.0	0.10/0.10 µg/L
PCB 1254	0/2	0.10	0.0	0.10/0.10 µg/L
PCB 1260	0/2	0.10	0.0	0.10/0.10 µg/L
EPA8270C				
Bis(2-ethylhexyl) phthalate	1/3	11.4	2.42	10.0/14.2 µg/L
EPA9012A				
Cyanide	1/4	8.25	2.36	5.0/10.0 µg/L
EPA9034				
Sulfide	0/2	1,570	134	1,470/1,660 µg/L
EPA9040B				
pH	22/22	5.63	0.62	4.08/6.36 pH
EPA9050A				
Specific conductance	21/21	4.0	8.23	0.89/28.7 µS/cm
EPA9056				
Fluoride	0/1	50.0	—	50.0/50.0 µg/L
EPA9066				
Phenols	1/1	2.13	—	2.13/2.13 µg/L

† Number of times analyte was detected compared to the total number of field blanks for the analyte.
— Standard deviation cannot be determined.

Note: If the analyte was not detected in the field blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 74. Analytes Detected in Field Blanks for WA

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA160.1				
Total dissolved solids	10/10	16,700	8,980	7,000/35,000 µg/L
EPA310.1				
Alkalinity (as $CaCO_3$)	3/11	8.57	5.49	3.72/21.7 meq/L
EPA6010B				
Aluminum	1/9	121	50.6	20.1/146 µg/L
Antimony	0/9	24.5	7.53	4.40/27.0 µg/L
Arsenic	0/9	36.0	12.0	4.0/40.0 µg/L
Barium	3/9	1.03	0.60	0.40/1.80 µg/L
Beryllium	0/1	1.60	—	1.60/1.60 µg/L
Boron	0/9	266	0.0	266/266 µg/L
Cadmium	1/9	4.24	1.38	0.56/4.70 µg/L
Chromium	1/9	6.43	1.70	1.90/7.0 µg/L
Cobalt	0/1	4.50	—	4.50/4.50 µg/L
Copper	1/9	9.33	6.73	1.50/15.0 µg/L
Iron	2/9	43.2	31.3	9.50/74.0 µg/L
Lead	0/9	47.0	0.0	47.0/47.0 µg/L
Lithium	0/9	2.70	0.0	2.70/2.70 µg/L
Nickel	0/9	26.0	0.0	26.0/26.0 µg/L
Selenium	0/9	66.0	0.0	66.0/66.0 µg/L
Silver	0/9	3.20	2.15	0.62/5.0 µg/L
Thallium	0/1	55.0	—	55.0/55.0 µg/L
Tin	0/9	70.0	0.0	70.0/70.0 µg/L
Vanadium	0/1	6.90	—	6.90/6.90 µg/L
Zinc	0/9	53.0	0.0	53.0/53.0 µg/L
EPA7470A				
Mercury	0/9	0.70	0.0	0.70/0.70 µg/L
EPA8081A				
Aldrin	0/1	0.05	—	0.05/0.05 µg/L
alpha-Benzene hexachloride	0/1	0.05	—	0.05/0.05 µg/L
beta-Benzene hexachloride	0/1	0.05	—	0.05/0.05 µg/L
delta-Benzene hexachloride	0/1	0.05	—	0.05/0.05 µg/L
alpha-Chlordane	0/1	0.10	—	0.10/0.10 µg/L
gamma-Chlordane	0/1	0.10	—	0.10/0.10 µg/L
p,p´-DDD	0/1	0.10	—	0.10/0.10 µg/L
p,p´-DDE	0/1	0.10	—	0.10/0.10 µg/L
p,p´-DDT	0/1	0.10	—	0.10/0.10 µg/L
Dieldrin	0/1	0.10	—	0.10/0.10 µg/L
Endosulfan sulfate	0/1	0.10	—	0.10/0.10 µg/L
Endosulfan I	0/1	0.05	—	0.05/0.05 µg/L
Endosulfan II	0/1	0.10	—	0.10/0.10 µg/L
Endrin	0/1	0.10	—	0.10/0.10 µg/L
Endrin aldehyde	0/1	0.10	—	0.10/0.10 µg/L
Heptachlor	0/1	0.05	—	0.05/0.05 µg/L
Heptachlor epoxide	0/1	0.05	—	0.05/0.05 µg/L
Isodrin	0/1	0.10	—	0.10/0.10 µg/L
Kepone	0/1	0.51	—	0.51/0.51 µg/L
Lindane	0/1	0.05	—	0.05/0.05 µg/L
Methoxychlor	0/1	0.51	—	0.51/0.51 µg/L
Toxaphene	0/1	5.10	—	5.10/5.10 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8082				
PCB 1016	0/1	1.02	—	1.02/1.02 µg/L
PCB 1221	0/1	2.04	—	2.04/2.04 µg/L
PCB 1232	0/1	1.02	—	1.02/1.02 µg/L
PCB 1242	0/1	1.02	—	1.02/1.02 µg/L
PCB 1248	0/1	1.02	—	1.02/1.02 µg/L
PCB 1254	0/1	1.02	—	1.02/1.02 µg/L
PCB 1260	0/1	1.02	—	1.02/1.02 µg/L
EPA8141A				
Dimethoate	0/1	0.51	—	0.51/0.51 µg/L
Disulfoton	0/1	0.51	—	0.51/0.51 µg/L
Famphur	0/1	1.22	—	1.22/1.22 µg/L
Parathion ethyl	0/1	0.51	—	0.51/0.51 µg/L
Parathion methyl	0/1	0.51	—	0.51/0.51 µg/L
Phorate	0/1	0.51	—	0.51/0.51 µg/L
Sulfotepp	0/1	0.51	—	0.51/0.51 µg/L
Thionazin	0/1	0.51	—	0.51/0.51 µg/L
O,O,O-Triethyl phosphorothioate	0/1	0.51	—	0.51/0.51 µg/L
EPA8151A				
2,4-Dichlorophenoxyacetic acid	0/1	1.05	—	1.05/1.05 µg/L
2,4,5-T	0/1	0.53	—	0.53/0.53 µg/L
2,4,5-TP (Silvex)	0/1	0.53	—	0.53/0.53 µg/L
EPA8270C				
Acenaphthene	1/3	13.3	5.77	10.0/20.0 µg/L
Acenaphthylene	1/3	13.3	5.77	10.0/20.0 µg/L
Acetophenone	1/3	13.3	5.77	10.0/20.0 µg/L
2-Acetylaminofluorene	1/3	13.3	5.77	10.0/20.0 µg/L
4-Aminobiphenyl	1/3	13.3	5.77	10.0/20.0 µg/L
Aniline	1/3	13.3	5.77	10.0/20.0 µg/L
Anthracene	1/3	13.3	5.77	10.0/20.0 µg/L
Aramite	1/3	26.7	11.5	20.0/40.0 µg/L
Benzo[*a*]anthracene	1/3	13.3	5.77	10.0/20.0 µg/L
Benzo[*b*]fluoranthene	1/3	13.3	5.77	10.0/20.0 µg/L
Benzo[*k*]fluoranthene	1/3	13.3	5.77	10.0/20.0 µg/L
Benzoic acid	1/3	34.7	15.0	26.0/52.0 µg/L
Benzo[*g,h,i*]perylene	1/3	13.3	5.77	10.0/20.0 µg/L
Benzo[*a*]pyrene	1/3	13.3	5.77	10.0/20.0 µg/L
Benzyl alcohol	1/3	13.3	5.77	10.0/20.0 µg/L
Bis(2-chloroethoxy) methane	1/3	13.3	5.77	10.0/20.0 µg/L
Bis(2-chloroethyl) ether	1/3	13.3	5.77	10.0/20.0 µg/L
Bis(2-chloroisopropyl) ether	1/3	13.3	5.77	10.0/20.0 µg/L
Bis(2-ethylhexyl) phthalate	3/3	14.2	5.82	10.2/20.9 µg/L
4-Bromophenyl phenyl ether	1/3	13.3	5.77	10.0/20.0 µg/L
Butylbenzyl phthalate	1/3	13.3	5.77	10.0/20.0 µg/L
2-sec-Butyl-4,6-dinitrophenol	1/3	66.7	28.9	50.0/100 µg/L
4-Chloroaniline	1/3	13.3	5.77	10.0/20.0 µg/L
Chlorobenzilate	1/3	13.3	5.77	10.0/20.0 µg/L
4-Chloro-m-cresol	1/3	13.3	5.77	10.0/20.0 µg/L
2-Chloronaphthalene	1/3	13.3	5.77	10.0/20.0 µg/L
2-Chlorophenol	1/3	13.3	5.77	10.0/20.0 µg/L
4-Chlorophenyl phenyl ether	1/3	13.3	5.77	10.0/20.0 µg/L
Chrysene	1/3	13.3	5.77	10.0/20.0 µg/L
m-Cresol	1/3	13.5	5.60	10.2/20.0 µg/L
o-Cresol	1/3	13.3	5.77	10.0/20.0 µg/L
p-Cresol	1/3	13.3	5.77	10.0/20.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Diallate	1/3	13.3	5.77	10.0/20.0 µg/L
Dibenz[*a,h*]anthracene	1/3	13.3	5.77	10.0/20.0 µg/L
Dibenzofuran	1/3	13.3	5.77	10.0/20.0 µg/L
Di-n-butyl phthalate	0/3	13.3	5.77	10.0/20.0 µg/L
1,2-Dichlorobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
1,3-Dichlorobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
1,4-Dichlorobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
3,3′-Dichlorobenzidine	1/3	26.7	11.5	20.0/40.0 µg/L
2,4-Dichlorophenol	1/3	13.3	5.77	10.0/20.0 µg/L
2,6-Dichlorophenol	1/3	13.3	5.77	10.0/20.0 µg/L
Diethyl phthalate	1/3	13.3	5.77	10.0/20.0 µg/L
2,4-Dimethyl phenol	1/3	13.3	5.77	10.0/20.0 µg/L
Dimethyl phthalate	1/3	13.3	5.77	10.0/20.0 µg/L
p-Dimethylaminoazobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
7,12-Dimethylbenz[*a*]anthracene	1/3	13.3	5.77	10.0/20.0 µg/L
3,3′-Dimethylbenzidine	1/3	13.3	5.77	10.0/20.0 µg/L
a,a-Dimethylphenethylamine	1/3	13.3	5.77	10.0/20.0 µg/L
1,3-Dinitrobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
2,4-Dinitrophenol	1/3	34.7	15.0	26.0/52.0 µg/L
2,4-Dinitrotoluene	1/3	13.3	5.77	10.0/20.0 µg/L
2,6-Dinitrotoluene	1/3	13.3	5.77	10.0/20.0 µg/L
Di-n-octyl phthalate	1/3	13.3	5.77	10.0/20.0 µg/L
1,4-Dioxane	1/3	13.3	5.77	10.0/20.0 µg/L
Diphenylamine	1/3	13.3	5.77	10.0/20.0 µg/L
Ethyl methacrylate	1/3	13.3	5.77	10.0/20.0 µg/L
Ethyl methanesulfonate	1/3	13.3	5.77	10.0/20.0 µg/L
Fluoranthene	1/3	13.3	5.77	10.0/20.0 µg/L
Fluorene	1/3	13.3	5.77	10.0/20.0 µg/L
Hexachlorobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
Hexachlorobutadiene	1/3	13.3	5.77	10.0/20.0 µg/L
Hexachlorocyclopentadiene	1/3	13.3	5.77	10.0/20.0 µg/L
Hexachloroethane	1/3	13.3	5.77	10.0/20.0 µg/L
Hexachlorophene	1/3	333	144	250/500 µg/L
Hexachloropropene	1/3	13.3	5.77	10.0/20.0 µg/L
Indeno[1,2,3-*c,d*]pyrene	1/3	13.3	5.77	10.0/20.0 µg/L
Isophorone	1/3	13.3	5.77	10.0/20.0 µg/L
Isosafrole	1/3	13.3	5.77	10.0/20.0 µg/L
Methapyrilene	1/3	13.3	5.77	10.0/20.0 µg/L
2-Methyl-4,6-dinitrophenol	1/3	34.7	15.0	26.0/52.0 µg/L
Methyl methacrylate	1/3	13.3	5.77	10.0/20.0 µg/L
Methyl methanesulfonate	1/3	13.3	5.77	10.0/20.0 µg/L
3-Methylcholanthrene	1/3	13.3	5.77	10.0/20.0 µg/L
2-Methylnaphthalene	1/3	13.3	5.77	10.0/20.0 µg/L
Naphthalene	1/3	13.3	5.77	10.0/20.0 µg/L
1,4-Naphthoquinone	1/3	13.3	5.77	10.0/20.0 µg/L
1-Naphthylamine	1/3	13.3	5.77	10.0/20.0 µg/L
2-Naphthylamine	1/3	13.3	5.77	10.0/20.0 µg/L
m-Nitroaniline	1/3	34.7	15.0	26.0/52.0 µg/L
o-Nitroaniline	1/3	34.7	15.0	26.0/52.0 µg/L
p-Nitroaniline	1/3	34.7	15.0	26.0/52.0 µg/L
Nitrobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
2-Nitrophenol	1/3	13.3	5.77	10.0/20.0 µg/L
4-Nitrophenol	1/3	34.7	15.0	26.0/52.0 µg/L
4-Nitroquinoline-1-oxide	1/3	26.7	11.5	20.0/40.0 µg/L
N-Nitrosodi-n-butylamine	1/3	13.3	5.77	10.0/20.0 µg/L
N-Nitrosodiethylamine	1/3	13.3	5.77	10.0/20.0 µg/L
N-Nitrosodimethylamine	1/3	13.3	5.77	10.0/20.0 µg/L
N-Nitrosodiphenylamine	1/3	13.3	5.77	10.0/20.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
N-Nitrosodipropylamine	1/3	13.3	5.77	10.0/20.0 µg/L
N-Nitrosomethylethylamine	1/3	13.3	5.77	10.0/20.0 µg/L
N-Nitrosomorpholine	1/3	13.3	5.77	10.0/20.0 µg/L
N-Nitrosopiperidine	1/3	66.7	28.9	50.0/100 µg/L
N-Nitrosopyrrolidine	1/3	13.3	5.77	10.0/20.0 µg/L
5-Nitro-o-toluidine	1/3	13.3	5.77	10.0/20.0 µg/L
Pentachlorobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
Pentachloroethane	1/3	13.3	5.77	10.0/20.0 µg/L
Pentachloronitrobenzene	1/3	66.7	28.9	50.0/100 µg/L
Pentachlorophenol	1/3	34.7	15.0	26.0/52.0 µg/L
Phenacetin	1/3	13.3	5.77	10.0/20.0 µg/L
Phenanthrene	1/3	13.3	5.77	10.0/20.0 µg/L
Phenol	1/3	13.3	5.77	10.0/20.0 µg/L
p-Phenylenediamine	1/3	13.3	5.77	10.0/20.0 µg/L
2-Picoline	1/3	13.3	5.77	10.0/20.0 µg/L
Pronamid	1/3	13.3	5.77	10.0/20.0 µg/L
Pyrene	1/3	13.3	5.77	10.0/20.0 µg/L
Pyridine	1/3	13.3	5.77	10.0/20.0 µg/L
Safrole	1/3	13.3	5.77	10.0/20.0 µg/L
1,2,4,5-Tetrachlorobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
2,3,4,6-Tetrachlorophenol	1/3	13.3	5.77	10.0/20.0 µg/L
o-Toluidine	1/3	13.3	5.77	10.0/20.0 µg/L
1,2,4-Trichlorobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
2,4,5-Trichlorophenol	1/3	34.7	15.0	26.0/52.0 µg/L
2,4,6-Trichlorophenol	1/3	13.3	5.77	10.0/20.0 µg/L
1,3,5-Trinitrobenzene	1/3	13.3	5.77	10.0/20.0 µg/L
EPA8280A				
Hexachlorodibenzo-p-dioxins	0/1	1.50	—	1.50/1.50 ng/L
Hexachlorodibenzo-p-furans	0/1	1.60	—	1.60/1.60 ng/L
Pentachlorodibenzo-p-furans	0/2	1.95	0.35	1.70/2.20 ng/L
2,3,7,8-TCDD	0/1	1.20	—	1.20/1.20 ng/L
Tetrachlorodibenzo-p-dioxins	0/1	1.20	—	1.20/1.20 ng/L
Tetrachlorodibenzo-p-furans	0/1	1.10	—	1.10/1.10 ng/L
EPA9014				
Cyanide	0/1	15.2	—	15.2/15.2 µg/L
EPA9020B				
Total organic halogens	0/10	120	0.0	120/120 µg/L
EPA9034				
Sulfide	0/1	20,000	—	20,000/20,000 µg/L
EPA9056				
Sulfate	1/9	320	60.0	160/340 µg/L
EPA9060				
Total organic carbon	5/10	1,230	1,990	191/5,000 µg/L
EPA9066				
Phenols	0/9	37.0	0.0	37.0/37.0 µg/L

† Number of times analyte was detected compared to the total number of field blanks for the analyte.
— Standard deviation cannot be determined.

Note: If the analyte was not detected in the field blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 75. Analytes Detected in Field Blanks for GP

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPIA-001				
Gross alpha	2/25	1.77E-10	2.89E-10	-1.30E-10/1.32E-09 µCi/mL
Nonvolatile beta	3/25	5.01E-10	1.19E-09	-6.80E-10/4.64E-09 µCi/mL
EPIA-002				
Tritium	0/24	-1.67E-07	2.11E-07	-5.02E-07/5.48E-07 µCi/mL
EPIA-003				
Carbon-14	0/16	1.75E-09	4.65E-09	-4.89E-09/1.12E-08 µCi/mL
EPIA-004				
Strontium-89/90	0/3	1.58E-10	2.10E-10	-1.52E-11/3.92E-10 µCi/mL
Strontium-90	0/11	5.53E-11	2.14E-10	-3.45E-10/3.93E-10 µCi/mL
EPIA-005				
Technetium-99	0/6	-8.23E-10	3.51E-09	-4.87E-09/3.09E-09 µCi/mL
EPIA-006				
Iodine-129	0/6	4.10E-10	4.46E-10	-8.40E-11/1.03E-09 µCi/mL
EPIA-008				
Radium-226	2/17	3.77E-10	2.50E-10	8.31E-11/9.47E-10 µCi/mL
EPIA-009				
Radium-228	0/15	1.71E-10	1.81E-10	-9.68E-11/5.56E-10 µCi/mL
EPIA-010				
Radium, total alpha-emitting	0/2	-1.50E-10	7.07E-11	-2.00E-10/-1.00E-10 µCi/mL
EPIA-011				
Americium-241	0/4	4.74E-11	8.07E-11	0.0/1.68E-10 µCi/mL
Curium-242	0/5	7.40E-12	5.88E-11	-4.50E-11/1.07E-10 µCi/mL
Curium-243/244	0/5	1.50E-11	6.08E-11	-5.36E-11/8.41E-11 µCi/mL
Curium-245/246	0/5	-6.78E-12	1.52E-11	-3.39E-11/0.0 µCi/mL
Plutonium-238	0/4	-4.19E-11	7.34E-11	-1.42E-10/3.40E-11 µCi/mL
Plutonium-239/240	0/3	-5.56E-12	1.08E-11	-1.80E-11/1.32E-12 µCi/mL
Uranium-233/234	0/5	-2.33E-11	3.94E-11	-6.20E-11/2.98E-11 µCi/mL
Uranium-235	0/5	6.84E-12	2.17E-11	-1.12E-11/4.40E-11 µCi/mL
Uranium-238	0/5	3.90E-12	3.13E-11	-2.80E-11/4.65E-11 µCi/mL
EPIA-012				
Thorium-228	0/6	4.02E-11	2.41E-10	-2.74E-10/4.41E-10 µCi/mL
Thorium-230	0/6	7.45E-11	1.49E-10	-5.90E-11/3.04E-10 µCi/mL
Thorium-232	0/6	1.01E-11	3.67E-11	-2.24E-11/6.80E-11 µCi/mL
EPIA-013				
Actinium-228	0/6	4.26E-09	2.15E-09	1.49E-09/7.81E-09 µCi/mL
Antimony-125	0/6	1.39E-09	2.11E-09	-1.85E-09/3.37E-09 µCi/mL
Cerium-144	0/6	-1.55E-09	6.85E-09	-1.10E-08/8.92E-09 µCi/mL
Cesium-134	0/6	-3.42E-10	6.25E-10	-1.19E-09/3.48E-10 µCi/mL
Cesium-137	0/6	5.82E-10	1.12E-09	-6.82E-10/2.56E-09 µCi/mL

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Cobalt-57	0/6	-1.32E-10	5.60E-10	-9.25E-10/7.03E-10 µCi/mL
Cobalt-60	0/6	8.24E-10	1.67E-09	-5.13E-10/4.15E-09 µCi/mL
Europium-152	0/6	5.38E-10	2.43E-09	-3.14E-09/3.02E-09 µCi/mL
Europium-154	0/6	-2.13E-09	2.08E-09	-4.82E-09/6.36E-10 µCi/mL
Europium-155	0/6	1.14E-09	3.04E-09	-2.21E-09/6.52E-09 µCi/mL
Lead-212	1/6	4.05E-09	2.35E-09	1.47E-09/7.05E-09 µCi/mL
Manganese-54	0/6	3.17E-10	1.09E-09	-1.24E-09/1.99E-09 µCi/mL
Potassium-40	0/6	2.11E-08	8.06E-09	9.31E-09/3.14E-08 µCi/mL
Promethium-144	0/6	-3.61E-11	5.65E-10	-1.06E-09/6.06E-10 µCi/mL
Promethium-146	0/6	-4.03E-10	1.08E-09	-1.90E-09/5.71E-10 µCi/mL
Ruthenium-106	0/6	4.83E-09	8.88E-09	-7.30E-09/1.74E-08 µCi/mL
Sodium-22	0/6	-6.82E-10	6.35E-10	-1.27E-09/2.20E-10 µCi/mL
Yttrium-88	0/6	2.54E-10	8.08E-10	-6.07E-10/1.58E-09 µCi/mL
Zinc-65	0/6	-1.28E-09	1.94E-09	-3.82E-09/1.80E-09 µCi/mL
EPIA-022				
Nickel-63	0/3	5.31E-09	2.96E-09	1.90E-09/7.13E-09 µCi/mL
EPIA-032				
Neptunium-237	0/1	-3.71E-11	—	-3.71E-11/-3.71E-11 µCi/mL

† Number of times analyte was detected compared to the total number of field blanks for the analyte.
— Standard deviation cannot be determined.

Note: If the analyte was not detected in the field blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 76. Analytes Detected in Field Blanks for TM

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA900.0MOD				
Gross alpha	2/4	7.53E-10	6.97E-10	1.10E-10/1.38E-09 µCi/mL
Nonvolatile beta	0/2	1.95E-10	6.72E-10	-2.80E-10/6.70E-10 µCi/mL
EPA906.0MOD				
Tritium	0/2	1.05E-07	2.33E-07	-6.00E-08/2.70E-07 µCi/mL

† Number of times analyte was detected compared to the total number of field blanks for the analyte.

Note: If the analyte was not detected in the field blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 77. Analytes Detected in Trip Blanks for EX

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Acetone	0/5	20.0	0.0	20.0/20.0 µg/L
Acetonitrile	0/5	260	134	200/500 µg/L
Acrolein	0/6	50.0	0.0	50.0/50.0 µg/L
Acrylonitrile	0/6	16.7	16.3	10.0/50.0 µg/L
Allyl chloride	0/5	6.0	2.24	5.0/10.0 µg/L
Benzene	0/15	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/15	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/15	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/15	5.0	0.0	5.0/5.0 µg/L
Carbon disulfide	0/5	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/15	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/15	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/15	5.0	0.0	5.0/5.0 µg/L
Chloroethene	0/15	5.0	0.0	5.0/5.0 µg/L
2-Chloroethyl vinyl ether	0/10	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/15	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/15	5.0	0.0	5.0/5.0 µg/L
Chloroprene	0/5	26.0	13.4	20.0/50.0 µg/L
Dibromochloromethane	0/15	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/5	9.0	2.24	5.0/10.0 µg/L
1,2-Dibromoethane	0/5	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/5	5.0	0.0	5.0/5.0 µg/L
1,2-Dichlorobenzene	0/1	5.0	—	5.0/5.0 µg/L
1,3-Dichlorobenzene	0/6	5.0	0.0	5.0/5.0 µg/L
1,4-Dichlorobenzene	0/6	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/5	8.0	6.71	5.0/20.0 µg/L
Dichlorodifluoromethane	0/5	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethane	0/15	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/15	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/15	5.0	0.0	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/14	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/15	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	1/15	6.81	2.52	1.50/10.0 µg/L
1,2-Dichloropropane	0/15	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/15	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/15	5.0	0.0	5.0/5.0 µg/L
1,4-Dioxane	0/5	600	224	500/1,000 µg/L
Ethyl methacrylate	0/5	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/15	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/5	17.0	6.71	5.0/20.0 µg/L
Iodomethane	0/5	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/5	700	447	500/1,500 µg/L
Methacrylonitrile	0/5	260	134	200/500 µg/L
Methyl ethyl ketone	0/5	18.0	4.47	10.0/20.0 µg/L
Methyl isobutyl ketone	0/5	9.0	2.24	5.0/10.0 µg/L
Methyl methacrylate	0/5	26.0	13.4	20.0/50.0 µg/L
Pentachloroethane	0/5	200	0.0	200/200 µg/L
Propionitrile	0/5	260	134	200/500 µg/L
Styrene	0/5	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/5	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/15	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/15	5.0	0.0	5.0/5.0 µg/L
Toluene	0/15	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/15	5.0	0.0	5.0/5.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
1,1,2-Trichloroethane	0/15	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/15	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/14	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/5	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/5	8.0	6.71	5.0/20.0 µg/L
Xylenes	0/5	10.0	0.0	10.0/10.0 µg/L

† Number of times analyte was detected compared to the total number of trip blanks for the analyte.
— Standard deviation cannot be determined.
Note: If the analyte was not detected in the trip blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 78. Analytes Detected in Trip Blanks for GE

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Acetone	0/2	3.21	2.53	1.42/5.0 µg/L
Acetonitrile	0/1	25.0	—	25.0/25.0 µg/L
Acrolein	0/1	10.0	—	10.0/10.0 µg/L
Acrylonitrile	0/1	10.0	—	10.0/10.0 µg/L
Allyl chloride	0/1	5.0	—	5.0/5.0 µg/L
Benzene	0/15	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/15	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/15	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/15	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/2	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/15	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/15	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/15	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/15	1.0	0.0	1.0/1.0 µg/L
2-Chloroethyl vinyl ether	0/14	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/15	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/15	1.0	0.0	1.0/1.0 µg/L
Chloroprene	0/1	2.0	—	2.0/2.0 µg/L
Dibromochloromethane	0/15	1.0	0.0	1.0/1.0 µg/L
1,2-Dibromo-3-chloropropane	0/1	1.0	—	1.0/1.0 µg/L
1,2-Dibromoethane	0/1	1.0	—	1.0/1.0 µg/L
Dibromomethane	0/1	1.0	—	1.0/1.0 µg/L
trans-1,4-Dichloro-2-butene	0/1	5.0	—	5.0/5.0 µg/L
Dichlorodifluoromethane	0/1	5.0	—	5.0/5.0 µg/L
1,1-Dichloroethane	0/15	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/15	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/15	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/1	2.0	—	2.0/2.0 µg/L
cis-1,2-Dichloroethylene	0/1	1.0	—	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/15	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	8/15	3.19	1.54	1.27/5.58 µg/L
1,2-Dichloropropane	0/15	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/15	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/15	1.0	0.0	1.0/1.0 µg/L
Ethyl methacrylate	0/1	5.0	—	5.0/5.0 µg/L
Ethylbenzene	0/15	1.0	0.0	1.0/1.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
2-Hexanone	0/2	5.0	0.0	5.0/5.0 µg/L
Iodomethane	0/1	10.0	—	10.0/10.0 µg/L
Isobutyl alcohol	0/1	50.0	—	50.0/50.0 µg/L
Methacrylonitrile	0/1	5.0	—	5.0/5.0 µg/L
Methyl ethyl ketone	0/2	7.50	3.54	5.0/10.0 µg/L
Methyl isobutyl ketone	0/2	5.0	0.0	5.0/5.0 µg/L
Methyl methacrylate	0/1	5.0	—	5.0/5.0 µg/L
Pentachloroethane	0/1	5.0	—	5.0/5.0 µg/L
Propionitrile	0/1	10.0	—	10.0/10.0 µg/L
Styrene	0/2	1.0	0.0	1.0/1.0 µg/L
1,1,1,2-Tetrachloroethane	0/1	1.0	—	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/15	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/15	1.0	0.0	1.0/1.0 µg/L
Toluene	0/15	0.98	0.10	0.61/1.08 µg/L
1,1,1-Trichloroethane	0/15	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/15	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/15	1.0	0.0	1.0/1.0 µg/L
Trichlorofluoromethane	0/14	4.14	1.70	1.0/5.0 µg/L
1,2,3-Trichloropropane	0/1	1.0	—	1.0/1.0 µg/L
Vinyl acetate	0/2	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/2	2.50	0.71	2.0/3.0 µg/L

† Number of times analyte was detected compared to the total number of trip blanks for the analyte.
— Standard deviation cannot be determined.

Note: If the analyte was not detected in the trip blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 79. Analytes Detected in Trip Blanks for WA

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8021B				
Carbon tetrachloride	0/8	1.0	0.0	1.0/1.0 µg/L
Chloroform	3/8	2.55	2.32	1.0/6.21 µg/L
cis-1,2-Dichloroethylene	0/8	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/8	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/8	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/8	1.0	0.0	1.0/1.0 µg/L
EPA8260B				
Acetone	0/10	10.0	0.0	10.0/10.0 µg/L
Acetonitrile	0/10	20.0	0.0	20.0/20.0 µg/L
Acrolein	0/10	20.0	0.0	20.0/20.0 µg/L
Acrylonitrile	0/10	5.0	0.0	5.0/5.0 µg/L
Allyl chloride	0/10	10.0	0.0	10.0/10.0 µg/L
Benzene	0/25	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/25	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/25	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/25	10.0	0.0	10.0/10.0 µg/L
Carbon disulfide	0/10	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/25	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/25	5.0	0.0	5.0/5.0 µg/L

Analyte	*Frequency of Detection†*	*Mean Result*	*Standard Deviation*	*Minimum/Maximum Results*
Chloroethane	0/25	10.0	0.0	10.0/10.0 µg/L
Chloroethene	0/25	10.0	0.0	10.0/10.0 µg/L
2-Chloroethyl vinyl ether	0/15	10.0	0.0	10.0/10.0 µg/L
Chloroform	21/26	4.60	1.03	2.99/6.38 µg/L
Chloromethane	3/25	9.33	1.88	3.37/10.0 µg/L
Chloroprene	0/10	5.0	0.0	5.0/5.0 µg/L
Dibromochloromethane	0/25	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/10	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromoethane	0/10	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/10	5.0	0.0	5.0/5.0 µg/L
1,4-Dichlorobenzene	0/1	5.0	—	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/10	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/10	10.0	0.0	10.0/10.0 µg/L
1,1-Dichloroethane	0/25	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/25	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/25	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethylene	0/2	5.0	0.0	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/8	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/23	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	0/25	7.41	5.71	2.82/31.3 µg/L
1,2-Dichloropropane	0/25	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/25	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/25	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/25	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/10	10.0	0.0	10.0/10.0 µg/L
Iodomethane	0/10	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/10	100	0.0	100/100 µg/L
Methacrylonitrile	0/10	10.0	0.0	10.0/10.0 µg/L
Methyl ethyl ketone	0/10	10.0	0.0	10.0/10.0 µg/L
Methyl isobutyl ketone	0/10	10.0	0.0	10.0/10.0 µg/L
Propionitrile	0/10	50.0	0.0	50.0/50.0 µg/L
Styrene	0/10	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/10	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/25	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/25	5.0	0.0	5.0/5.0 µg/L
Toluene	0/25	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/25	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	0/25	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/25	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/25	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/10	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/10	10.0	0.0	10.0/10.0 µg/L
Xylenes	0/24	5.0	0.0	5.0/5.0 µg/L

† Number of times analyte was detected compared to the total number of trip blanks for the analyte.
— Standard deviation cannot be determined.

Note: If the analyte was not detected in the trip blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 80. Analytes Detected in Trip Blanks for ML

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Acetone	0/3	10.0	0.0	10.0/10.0 µg/L
Benzene	0/3	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/3	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/3	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/3	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/3	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/3	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/3	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/3	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/3	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/3	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/3	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/3	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/3	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	0/3	10.0	0.0	10.0/10.0 µg/L
1,2-Dichloropropane	0/3	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/3	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/3	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	0/3	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/3	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	0/3	5.0	0.0	5.0/5.0 µg/L
Methyl isobutyl ketone	0/3	5.0	0.0	5.0/5.0 µg/L
Styrene	0/3	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/3	1.0	0.0	1.0/1.0 µg/L
Toluene	0/3	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/3	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/3	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/3	1.0	0.0	1.0/1.0 µg/L

† Number of times analyte was detected compared to the total number of trip blanks for the analyte.

Note: If the analyte was not detected in the trip blank(s), detection limit information appears in the *Mean Result* and *Minimum/Maximum Results* columns.

Table 81. Bailed Wells

Well	Date	Well	Date
CSD 1D	10/27/99	SCA 4A	10/27/99
SCA 3A	10/27/99		

Table 82. Sampled Wells with Metal Casings

Well	Casing	Well	Casing
FTF 12	Steel	RWM 9	Carbon steel
HTF 1	Steel	RWM 10	Carbon steel
HTF 2	Steel	RWM 11	Carbon steel
HTF 4	Steel	RWM 13B	Carbon steel
HTF 5	Steel	RWM 13C	Carbon steel
HTF 6	Steel	RWM 15B	Carbon steel
HTF 7	Steel	SCA 1	Stainless steel
HTF 8	Steel	SCA 2	Stainless steel
HTF 9	Steel	TNX 13D	Stainless steel
HTF 10	Steel	TNX 14D	Stainless steel
HTF 11	Steel	TNX 15D	Stainless steel
RSD 1	Steel	TNX 16D	Stainless steel
RSD 3	Steel	TNX 17D	Stainless steel
RSE 7	Steel	TNX 18D	Stainless steel
RWM 1	Carbon steel	TNX 19D	Stainless steel
RWM 3	Carbon steel	TNX 20D	Stainless steel
RWM 4	Carbon steel	TNX 21D	Stainless steel
RWM 5	Carbon steel	TNX 22D	Stainless steel
RWM 6	Carbon steel	TNX 26D	Stainless steel
RWM 7	Carbon steel		

Table 83. Wells That Had Turbidity Greater Than 15 NTU

Well	Date	Results (in NTU)
ARP 3	11/22/99	65.0
BGO 30C	12/30/99	18.3
BGO 32D	11/30/99	32.6
BGO 40D	11/30/99	199
BSE 2C2	12/28/99	231
BSE 3C2	12/30/99	192
BSE 3C4	12/30/99	162
CSD 1D	10/27/99	124
CSL 27D	11/10/99	22.6
FSS 2D	11/30/99	31.9
FTF 9	10/05/99	34.1
FTF 12	10/05/99	26.0
FTF 15	10/05/99	58.0
FTF 16	10/06/99	97.4
FTF 17	10/06/99	106
FTF 18	10/06/99	374
FTF 19	10/06/99	44.0
FTF 20	10/05/99	100
FTF 21	10/05/99	165
FTF 22	10/05/99	124
FTF 23	10/06/99	20.0
HMD 1D	11/30/99	36.0
HTF 9	10/27/99	92.8
HTF 10	10/27/99	28.0
HTF 11	10/27/99	44.7
HTF 17	10/27/99	>1,000
HTF 22	10/28/99	29.3
HTF 26	10/28/99	37.0

Well	Date	Results (in NTU)
HTF 27	10/28/99	58.9
HTF 28	10/28/99	17.2
HTF 29	10/28/99	18.0
HTF 32	10/28/99	22.2
HTF 34	10/27/99	176
KDB 3	10/22/99	28.4
KDB 3	12/17/99	18.0
KDB 5	10/22/99	74.8
KDB 5	11/19/99	26.2
KDB 5	12/17/99	91.7
LDB 1	10/22/99	17.4
LDB 1	11/19/99	28.2
LDB 1	12/17/99	23.2
LDB 2	10/22/99	39.1
LDB 2	11/19/99	28.5
LDB 2	12/17/99	49.4
LDB 3	12/17/99	35.7
LDB 4	10/22/99	70.8
LDB 4	12/17/99	90.5
RDB 3D	10/26/99	32.7
RSD 1	11/04/99	25.0
RSD 3	11/04/99	69.0
RSE 7	11/04/99	146
SCA 3A	10/27/99	316
SCA 4A	10/27/99	42.3
SRW 17DR	12/01/99	53.0
TCM 5	12/15/99	19.3
TRW 4	12/14/99	16.0
YSC 2D	10/20/99	44.9

Table 84. Analyses Not Performed by WA

Well	Analyte	Reason
ARP 3	Arsenic, cadmium, GC VOAs, lead, magnesium, manganese, silver	Canceled
BGO 30D	Aluminum, calcium, iron, magnesium, manganese, potassium, silica, sodium	Canceled
BGO 31C	Metals	Canceled
CSL 24D	Dimethoate, disulfoton, famphur, isodrin, kepone, parathion, parathion methyl, PCBs, phorate, sulfotepp, thionazin, o,o,o-triethyl phosphorothioate	Canceled
LFW 58D	Tritium	Canceled

NOTES

Site Index

Table 85 provides information about sites, locations, and well series. Some locations were not available.

Table 85. Sites and Locations by Well Series

Well Series	*Site*	*Location*
ABP	A-Area Metals Burning Pit	South of the burning/rubble pits
ABW	A Area near Firing Range	North of Road D-1 and east of Road 1-7
AC	A-Area Cluster Perimeter Wells and M-Area Plume Definition Wells	
ACB	A-Area Coal Pile Runoff Containment Basin	Southeast of A Area
AMB	Metallurgical Laboratory Seepage Basin	At the eastern edge of A Area
AMP	A-Area Rubble Pile	
AOB	Motor Shop Oil Basin	At the south edge of A Area near NPDES Outfall A-14
ARP	A-Area Burning/Rubble Pits and A-Area Ash Pile	West of Road D, south of A Area
ASB	Savannah River Laboratory Seepage Basins	Across the road from the Savannah River Technology Center (formerly the Savannah River Laboratory)
BGO	Burial Grounds Perimeter	Southern E Area
BGX	E-Area Vaults/Burial Ground Expansion	Northern E Area
BRD	Road A Chemical Basin (Baxley Road)	East of D Area
BRR	Burma Road Rubble Pit	Southwest of F Area
BSE	Old Burial Ground	Southeast edge of the Old Burial Ground
BTP	Characterization Piezometers for the Proposed Sanitary Landfill	Site B, off Road E-2
CBR	N-Area (Central Shops) Burning/Rubble Pit south of the Ford Building Seepage Basin	Southeast of N Area
CCB	C-Area Coal Pile Runoff Containment Basin	Southeast of C Area
CDB	C-Area Disassembly Basin	Near the C-Area reactor building
CDS	108-3C Bioremediation Facility	Near the C-Area reactor building
CMP	Chemicals, Metals, and Pesticides Pits	West of Road C, approximately two miles southeast of N Area
CRP	C-Area Burning/Rubble Pit	Southeast of N Area
CSA	Hydrofluoric Acid Spill Area	South of Road 3 in N Area
CSB	C-Area Reactor Seepage Basins	Southern C Area, west of the reactor building
CSD	N-Area (Central Shops) Diesel Spill	Southwest of N Area
CSL	N-Area (Central Shops) Sludge Lagoon	
CSO	Fire Department Training Facility	Southeast portion of N-Area
CSR	N-Area (Central Shops) Burning/Rubble Pits	North of N Area
DBP	D-Area Burning/Rubble Pits	Western portion of D Area
DCB	D-Area Coal Pile Runoff Containment Basin and Ash Basins	South (containment basin) and southwest (ash basins) of D Area
DOB	D-Area Oil Seepage Basin	North of D Area
DOL	D-Area Oil Seepage Basin	North of D Area
FAB	F-Area Ash Basin 288-1 Groundwater Quality Assessment	East of F Area and south of the F-Area acid/caustic basin
FAL	F-Area A Line	Adjacent to the F-Area canyon building
FBP	F-Area Burning/Rubble Pits	North of Road C and west of F Area
FCA	F-Area Canyon Building	Central F Area
FCB	F-Area Coal Pile Runoff Containment Basin	Southeast of F Area
FET	F-Area Effluent Treatment Cooling Water Basin	South of F Area

Well Series	Site	Location
FEX	F-Area Seepage Basins Remediation Extraction Wells	
FIN	F-Area Seepage Basins Remediation Injection Tanks	South of Road C
FIW	F-Area Seepage Basins	Southwest portion of F Area
FNB	Old F-Area Seepage Basin	North of F Area
FOB	F-Area Seepage Basins	West-southwestern edge of F Area
FRB	F-Area Retention Basin	
FSB	F-Area Seepage Basins	South of Road C; east of Road C-4
FSL	F-Area Inactive Process Sewer Line	South of Road C; east of Road C-4
FSS	F-Area Sludge Land Application Site	
FST	Savannah River Ecology Laboratory Flowing Springs Site	Adjacent to Aquatic Ecology Laboratory (Road C)
FTF	F-Area Tank Farm	
GBW	Background Well near Hawthorne Fire Tower	West of Road 2-1.1F
HAA	H-Area Tank Farm Groundwater Operable Unit	
HAP	H-Area Auxiliary Pump Pit	At the east end of H Area near the coal pile runoff containment basin
HCA	H-Area Canyon Building	
HCB	H-Area Coal Pile Runoff Containment Basin	East of H Area
HET	H-Area Effluent Treatment Cooling Water Basin	Southwest of H Area
HEX	H-Area Seepage Basins Remediation Extraction Wells	East of Road 4
HHP	HP-52 Outfall Area and Warners Pond	
HIN	H-Area Injection Tank	South of Road E
HIW	H-Area Injection Wells	Near the H-Area seepage basins
HMD	Hazardous Waste/Mixed Waste Disposal Facility	Northwest of the burial ground expansion
HR3	Old H-Area Retention Basin	Southeast of the intersection of Roads 4 and E
HR8	H-Area Retention Basin	Southeast of the intersection of Roads 4 and E
HSB	H-Area Seepage Basins	Southwest of H Area and the intersection of Roads 4 and E
HSL	H-Area Inactive Process Sewer Line	Extends from the southwest portion of H Area to north of the H-Area seepage basins
HSS	H-Area Sludge Land Application Site	Southeast of H Area
HTF	H-Area Tank Farm	At the south end of H Area
HWP	Warner's Pond and HP-52 Outfall	
HWS	Hazardous Waste Storage Facility	Northwest of N Area
HXB	Ford Building Seepage Basin	In the southeast portion of N Area
IDB	Interim Waste Technology Site Characterization Wells, Site B	Two miles northeast of H Area
IDP	Interim Waste Technology Site Characterization Wells, Site P	South of B Area and north of Highway 125
IDQ	Interim Waste Technology Site Characterization Wells, Site Q	Adjacent to Site P, South or B Area and north of Highway 125
KAB	K-Area Ash Basin	Southwest of K Area
KBP	K-Area Bingham Pump Outage Pit	
KCB	K-Area Coal Pile Runoff Containment Basin	West of K Area, between the K-Area ash basin and reactor seepage basin
KDB	K-Area Disassembly Basin	
KDT	K-Area Diesel Tank	Central K Area, north of the disassembly basin
KRB	K-Area Retention Basin	Northwest of K Area
KRP	K-Area Burning/Rubble Pit	
KSB	K-Area Reactor Seepage Basin	West of K Area
KSM	K-Area Tritium Sump	Near the K-Area process water storage tank
KSS	K-Area Sludge Land Application Site	Southeast of K Area
LAC	L-Area Acid/Caustic Basin	
LAW	L-Area Research Wells	North of Road B and east of Road B-2.13

Well Series	Site	Location
LBP	L-Area Bingham Pump Outage Pit	
LCO	L-Area Oil and Chemical Basin	South of L Area
LDB	L-Area Disassembly Basin	
LDS	108-3L Bioremediation Facility	
LFW	Sanitary Landfill	South of Road C
LRP	L-Area Burning/Rubble Pit	Northwest of L Area
LSB	L-Area Reactor Seepage Basin	Southeast of L Area, adjacent to the L-Area oil and chemical basin
MCB	Miscellaneous Chemical Basin	West of Road D near the A-Area metals burning pit
MSB	M-Area Hazardous Waste Management Facility (HWMF) and M-Area Plume Definition Wells	South of A Area and M Area and west of Road D (HWMF)
NBG	Wells between the F-Area Canyon Building and the Naval Fuel Material Facility	Between the canyon building and the Naval Fuel Material Facility
P	SRS Baseline Hydrogeologic Investigation Observation Well Clusters B-Area Microbiology Wells (P 29 Cluster) East of H-Area Perimeter Fence (P 27 Cluster) R-Area Bedrock Exploration Hydrology Wells (P 20 Cluster) T-Area (TNX) Background Wells (P 26 Cluster)	East of the H-Area perimeter fence
PB	L-Area Cooling Pond Dam Piezometers	
PBP	P-Area Bingham Pump Outage Pit	
PCB	P-Area Coal Pile Runoff Containment Basin	Southeast of the coal pile and south of P Area
PDB	P-Area Disassembly Basin	
PRP	P-Area Burning/Rubble Pit	West of P Area
PSB	P-Area Reactor Seepage Basins	Southwest of the reactor building
PSS	Par Pond Sludge Land Application Site	South of PAR Pond
PW	Production Wells	
RAC	R-Area Acid/Caustic Basin	South of R Area, just south of Road G
RBP	R-Area Bingham Pump Outage Pit	
RBW	R-Area Reactor Seepage Basins	Northwest of R Area
RCP	R-Area Coal Pile	West of the R-Area reactor building
RDB	R-Area Disassembly Basin	
RPC	R-Area Reactor Seepage Basins	Northwest of R Area
RRP	R-Area Burning/Rubble Pits	Southeast of R Area and Road G
RSA	Series A, R-Area Reactor Seepage Basins	Northwest of R Area
RSB	Series B, R-Area Reactor Seepage Basins	Northwest of R Area
RSC	Series C, R-Area Reactor Seepage Basins	Northwest of R Area
RSD	Series D, between R-Area Reactor Seepage Basin and R-Area Disassembly Basin	Northwest of R Area
RSE	Series E, R-Area Reactor Seepage Basins	Northwest of R Area
RSF	Series F, R-Area Reactor Seepage Basins	Northwest of R Area
RSP	R-Area Reactor Seepage Basins	Northwest of R Area
RWM	M-Area Recovery Wells	
SBG	S-Area Defense Waste Processing Facility	
SCA	S-Area Vitrification Building	
SLP	S-Area Low-Point Pump Pit	At the south end of S Area
SRW	Silverton Road Waste Site	South of Silverton Road
TBG	T-Area (TNX) Burying Ground	Within the T-Area fence
TCM	TNX-Area Operable Unit	
TIR	TNX Intrinsic Remediation Piezometers	
TNX	T-Area (TNX) Assessment Wells	
TRW	T-Area (TNX) Test Recovery Wells	

Well Series	*Site*	*Location*
XSB	New T-Area (TNX) Seepage Basin	In the southwest corner of T Area
YSB	Old T-Area (TNX) Seepage Basin	In the east section of T Area, across Road A-4.7 miles from the TNX process area
YSC	Y-Area Waste Solidification and Disposal Facility	North of the intersection of Roads F and 4
ZBG	Z-Area Saltstone Facility	
ZDT	Z-Area Low-Point Drain Tank	Southeastern S Area

SITE HISTORY

Geographical descriptions in the text are based on true north rather than SRS grid coordinates.

The following sections describe facilities at approximately 100 locations within designated areas at SRS. The sections are arranged in the following order:

- acid/caustic basins
- burning/rubble, rubble, and metals burning pits
- coal pile runoff containment basins, ash basins, and coal piles
- disassembly basins
- seepage and retention basins
- operating buildings and facilities
- plume monitoring
- radioactive waste storage and disposal facilities
- sanitary landfill and interim sanitary landfill
- sludge application sites
- other sites

Acid/Caustic Basins

The acid/caustic basins in F Area, H Area, K Area, L Area, P Area, and R Area are unlined earthen pits (approximately 50 by 50 by 7 feet deep). These pits received dilute sulfuric acid and sodium hydroxide solutions used to regenerate ion-exchange units in power plant water purification processes at the reactor and separations areas in the center of SRS. The basins allowed mixing and neutralization of the dilute solutions before their discharge to nearby streams.

The basins were constructed between 1952 and 1955. They are uncovered, and most are dry except during periods of prolonged precipitation. The R-Area and L-Area basins were abandoned in 1964 and 1968, respectively. The other basins remained in service until 1982, when the water purification systems either were shut down or modernized. However, the H-Area basin continued to receive steam condensate from a hose box and drainage from a chemical pad until the basin was abandoned in 1985. During July through September 1993, the F-, H-, K-, and P-Area basins were dewatered, vegetation was removed and disposed of, the basins

were filled with compacted soil from the Burma Road clay pit, a grass cover was established, and the fences were reinstalled.

Burning/Rubble, Rubble, and Metals Burning Pits

From 1951 to 1973, burnable wastes—such as paper, wood, plastics, rubber, oil, degreasers, and drummed solvents—were received and burned monthly in one or more of the burning/rubble pits in the following areas: A, C, D, F, K, L, N, P, and R. In 1973, waste no longer was burned at the pits, which were covered with a layer of soil. Rubble wastes—including paper, wood, cans, concrete, and empty galvanized-steel barrels and drums—then were disposed of in the pits until they reached capacity and were covered with soil. All burning/rubble pits were inactive by 1981, and all are covered except the R-Area pit, which has not been backfilled. Lithium-aluminum alloy, aluminum pieces, metal drums, other metal scraps, and plastic pipe were deposited and burned periodically in the A-Area metals burning pit, beginning about 1952. In 1974, the solid materials remaining on the site were covered with soil, and the pit was regraded. The site is inactive.

The Burma Road rubble pit consists of two excavated earthen pits that may contain paint cans, fluorescent light fixtures, metal, concrete, lumber, poles, and glass. Unknown quantities of refuse were deposited here from approximately 1973 through 1983. The pit is inactive and has been covered with soil.

Coal Pile Runoff Containment Basins, Ash Basins, and Coal Piles

Electricity and steam at SRS are generated by burning coal. Coal piles originally existed in the following areas: A, C, D, F, H, K, L, P, and R. The facilities generally contained a 90-day reserve of coal that was not rotated. During long-term exposure to the environment, chemical and biological oxidation of sulfur compounds in coal resulted in the formation of sulfuric acid.

The R-Area coal pile was removed in 1964, and the L-Area coal pile was removed in 1968. To achieve compliance with the National Pollutant Discharge Elimination System (NPDES) permit issued in 1977, coal pile runoff containment basins in A Area and D Area were completed in October 1978, and basins in C Area, F Area, H Area, K Area, and P Area were completed in March 1981. The coal piles in C Area and F Area were removed in 1985. In 1991, the K-Area coal pile was reduced to a 2-inch base, and 75 percent of the P-Area coal pile was removed.

Currently, rainwater runoff from the remaining coal piles in A, D, H, K, and P Areas flows into the coal pile runoff containment basins via gravity flow ditches and sewers. The basins allow mixing of the runoff and its seepage into the subsurface, thus preventing the entry of large surges of low-pH runoff into surface streams. The basins in C and F Areas also still collect runoff, although no coal remains at either location. Ash sluice water from the D-Area and K-Area powerhouses has been discharged to the D-Area ash basins and the K-Area ash basin, respectively, since 1951.

F-Area Ash Basin

The F-Area ash basin was monitored for the first time during second quarter 1994.

R-Area Coal Pile

Two wells were installed in 1990 inside the boundaries of the former coal storage area, originally for groundwater assessment in relation to the R-Area coal pile.

Disassembly Basins

The disassembly basins, also called fuel and target storage basins, are concrete-lined, open tanks of water next to the reactor rooms inside the reactor buildings in C, K, L, P, and R Areas. Irradiated assemblies (reactor fuel and target rods) were rinsed and stored in the basins prior to their shipment to the separations areas. Some radioactivity was transferred to the basin water from leaks in porous components and as a liquid or oxide corrosion film on the irradiated components.

Sand filters were used to remove radioactive particulates from the disassembly basin water. The filtered water was circulated through deionizers to remove additional constituents and was purged periodically through regenerated deionizers to the reactor seepage basins.

Seepage and Retention Basins

Seepage, retention, and settling basins have been used at SRS to store or dispose of wastewater from various operations. Seepage and retention basins in the following areas are monitored: A, C, F, H, K, L, M, N, P, R, T, and the Savannah River Laboratory.

C-Area Reactor Seepage Basins

These basins have received low-level radioactive purge water from the disassembly basin since 1957.

F-Area Seepage Basins and Inactive Process Sewer Line

Beginning in 1955, the F-Area seepage basins received F-Area wastewater containing low-level radioactivity and chemicals, including chromium, mercury, nitric acid, and sodium hydroxide. Clay caps were completed in 1991 when the basins were closed.

Ford Building Seepage Basin

The Ford Building seepage basin received low-level radioactive wastewater from Ford Building operations (repairing heat exchangers) from 1964 to January 1984.

H-Area Retention Basins

A small, unlined earthen retention basin (the old H-Area retention basin) was used from 1955 to 1973 to provide temporary emergency storage for cooling water from the chemical separations process that contained radionuclides and possible trace quantities of chemicals.

A larger, rubber-lined retention basin replaced the original basin in 1973 and still is in use for receipt of diverted cooling water or tank farm stormwater runoff.

H-Area Seepage Basins and Inactive Process Sewer Line

Starting in 1955, the H-Area seepage basins received wastewater from H Area containing low-level radioactivity and chemicals, including nitric acid, mercury, and sodium hydroxide. Basin 3 has been inactive since 1962. Basins 1, 2, and 4 operated from 1980 until they were taken out of service in the fourth quarter of 1988. Clay caps were completed early in 1991 when the basins were closed.

K-Area Reactor Seepage Basin

This basin has received low-level radioactive purge water from the disassembly basin since 1957.

L-Area Reactor Seepage Basin

This basin has received low-level radioactive purge water from the disassembly basin since 1957.

M-Area Hazardous Waste Management Facility

The unlined M-Area settling basin, in operation from 1958 until 1985, received wastewater containing metal-cleaning solvents, depleted uranium, and other chemicals and metals from fuel fabrication processes in M Area. Because surface water flowed from this basin, it is classified as a settling basin rather than a seepage basin. Water from the basin flowed through an overflow ditch to Lost Lake, a shallow upland depression. A seepage area formed adjacent to the ditch and Lost Lake. The M-Area hazardous waste management facility comprises the settling basin, overflow ditch, seepage area, and Lost Lake. A closure cap was completed on the basin during 1989/1990.

Since the beginning of a full-scale recovery system for groundwater remediation in April 1985, groundwater flow has changed markedly near this facility, and changes over time in concentrations of analytes are difficult to interpret. See the **Plume Monitoring** section of this chapter for more information on remediation.

Metallurgical Laboratory Seepage Basin

The Metallurgical Laboratory seepage basin received wastewater effluent from the Metallurgical Laboratory building from 1956 until 1985. Wastewater released to the basin consisted of small quantities (5 to 10 gallons per day) of laboratory wastes—mostly rinse water—from metallographic sample preparation (degreasing, cleaning, etching) and corrosion testing of stainless steel and nickel-based alloys. Noncontact cooling water (approximately 900 gallons per day) also was discharged. The basin has been dewatered, backfilled, and capped with low-permeability clay.

New T-Area (TNX) Seepage Basin

The new TNX seepage basin replaced the old TNX seepage basin and operated from 1980 to 1988.

Old F-Area Seepage Basin

The old F-Area seepage basin, the first seepage basin constructed in F Area, was used for disposal of wastewater from the canyon building from November 1954 until May 1955, when it was abandoned. During operation, the seepage basin received a variety of wastewaters, including evaporator overheads, laundry wastewater, and an unknown amount of chemicals. For three months in 1969, spent nitric acid solutions used to etch depleted uranium were discharged to the basin. In 1984, low-level contaminated water was released to the basin.

Old T-Area (TNX) Seepage Basin

The old TNX seepage basin received waste from pilot-scale tests conducted at TNX from 1958 to 1980. In 1981, the basin wall was breached and the impounded water was drained into the adjacent wetlands. The basin then was backfilled with a sand and clay mixture, and the top was capped with clay.

P-Area Reactor Seepage Basins

These basins have received low-level radioactive purge water from the P-Area disassembly basin since 1957.

R-Area Reactor Seepage Basins

On November 8, 1957, an experimental fuel element failed during a calorimeter test in the emergency section of the R-Area disassembly basin. Following this incident, the original seepage basin received approximately 2,700 Ci of nonvolatile beta activity, including strontium-90 and cesium-137, each of which has a half-life of about 30 years. Much of the released radioactivity was contained in that basin, which was backfilled in December 1957. Five more basins were put into operation in 1957 and 1958 to assist in containing the radioactivity.

In 1960, Basins 2 through 5 were closed and backfilled. The ground surface above Basins 1 through 5 was treated with herbicide and covered with asphalt. In addition, a kaolinite cap and dike were constructed over and around Basin 1 and the northwest end of Basin 3 to minimize lateral movement of the radioactive contamination. Basin 6, which received water directly from the disassembly basin from 1960 until 1964, was backfilled in 1977.

Savannah River Laboratory Seepage Basins

The Savannah River Laboratory seepage basins received low-level radioactive laboratory wastewater through underground drains until they were taken out of service in October 1982. Two basins were put into operation in 1954; one more was added in 1958 and another in 1960 to provide additional holding capacity.

An exception to the practice of discharging only low-level alpha or beta-gamma wastewater was made in 1971, when 0.68 Ci of curium from a leaking separator pit in the Savannah River Laboratory radioactive waste tanks was disposed of in the basins. Approximately 34 million gallons of wastewater were discharged to the basins during their operating life.

Operating Buildings and Facilities

Defense Waste Processing Facility (S-Area Vitrification Building)

The DWPF, also known as the S-Area vitrification building or S-Area canyon, contains the process and auxiliary equipment to incorporate high-level radioactive waste into leach-resistant glass. The facility began radioactive operations in 1996.

F-Area Canyon Building and A-Line Uranium Recovery Facility

At the canyon building, irradiated product from the reactors is dissolved using nitric acid, and the desired radionuclides are separated from fission products. At the A-Line uranium recovery facility, adjacent to the canyon building, uranium oxide is produced from uranyl nitrate.

F-Area Effluent Treatment Cooling Water Basin

The F-Area effluent treatment cooling water basin receives diverted cooling water from the separations processes. The cooling water is sent from the basin to the F-Area and H-Area effluent treatment facility (ETF) if contaminated or to a permitted outfall if uncontaminated. The ETF, on the south side of H Area, was placed in service in 1988 to treat wastewater formerly sent to the F-Area and H-Area seepage basins. In addition to cooling water, it also receives separations area stormwater runoff and condensed overheads from the evaporators in the tank farms. The treatment facility removes hazardous and radioactive contaminants from these low-level liquid wastes and concentrates them for immobilization as saltstone.

H-Area Auxiliary Pump Pit

The H-Area auxiliary pump pit facility will pump high-level radioactive sludge and precipitate from the H-Area tank farm to the S-Area low-point pump pit en route to the vitrification facility. When the pumps are shut down, this facility will collect the solution in a temporary holding tank via gravity flow lines.

H-Area Canyon Building

As in F Area, materials from the reactors are dissolved at the canyon building, and the desired radionuclides are separated from waste products.

H-Area Effluent Treatment Cooling Water Basin

For more information, see the **F-Area Effluent Treatment Cooling Water Basin** section.

K-Area Tritium Sump

A single well, installed in 1992, monitors the water table just west of the K-Area reactor. The well was placed near the K-Area process water storage tank, which stores water collected in sumps within the K-Area reactor building. Tritium activity in this sump water has been reported at greater than 5 Ci/mL.

N-Area Hazardous Waste Storage Facility

Building 645-N of the hazardous waste storage facility has been in service since 1983, 645-2N since 1987, and 645-4N since 1984. Buildings 645-N and 645-4N contain hazardous waste, and building 645-2N contains mixed waste (a mixture of low-level radioactive waste and hazardous waste). Wastes are stored inside the buildings in drums placed on diked concrete floors designed to contain liquid spills.

Naval Fuel Material Facility

The Naval Fuel Material Facility was used to produce HEU (highly enriched uranium) for naval reactors until shutdown in 1989. Monitoring wells in the NBG series are located between the canyon building and the Naval Fuel Material Facility.

S-Area Facilities

S-Area contains several facilities for processing high-level radioactive waste from the F-Area and H-Area tank farms into borosilicate glass solidified within stainless steel canisters. The glass is stored temporarily in

specially designed storage buildings within S Area. Eventual permanent disposal is expected to be in an offsite federal geologic repository.

S-Area Low-Point Pump Pit

The S-Area low-point pump pit receives high-level radioactive sludge and precipitate from the H-Area tank farm and pumps it to the defense waste processing facility (DWPF) vitrification building; it also receives waste being recycled from the vitrification building back to the tank farm. As at the H-Area auxiliary pump pit, when the pumps are shut down, the sludge and precipitate remaining in the line drain back into a temporary holding tank via gravity flow lines.

Z-Area Low-Point Drain Tank

The Z-Area low-point drain tank facility receives low-level radioactive salt solution from the H-Area tank farm and pumps it to the Z-Area salt solution holding tank. When the H-Area pump is shut down, the low-point drain tank can collect the solution remaining in the lines via gravity flow.

Z-Area Saltstone Manufacturing and Disposal Facility

The Z-Area saltstone manufacturing and disposal facility processes and permanently disposes of low-level radioactive salt solution supernatant from the underground storage tanks at F Area and H Area and from ETF concentrate.

The facility began radioactive operations in June 1990. In November 1992, a tank in the Z-Area saltstone manufacturing and disposal facility overflowed, and a portion of the liquid leaked from the building into a storm drain. Approximately 2 gallons of solution reached a drainage pipe that flows into a series of sedimentation basins and eventually into McQueen Branch. Sediment samples showed small amounts of cesium-137 exceeding those amounts observed in the Savannah River, but within the activity ranges in site streams.

Plume Monitoring

A Area and M Area

In addition to the groundwater monitoring conducted at specific locations in A Area and M Area, numerous plume definition wells also monitor a 5-square-mile area to assess the extent of volatile organic contamination. The first plume definition wells were installed soon after discovery of the contamination in June 1981.

The plume definition well network extends from the region north of SRTC, between Road 1 and the SRS boundary, south to wells near the miscellaneous chemical basin and the metals burning pit, and from Tims Branch in the east toward the Silverton Road waste site in the west. The plume encompasses approximately three square miles and consists primarily of trichloroethylene, tetrachloroethylene, and 1,1,1-trichloroethane.

Separations and Waste Management Areas

A number of wells were installed in the separations areas in 1951 and 1952. These wells, which range from approximately 15 to 90 feet in depth, are used to measure water table elevations and monitor for radioactive constituents (gross alpha, nonvolatile beta, and tritium) in the groundwater in and around F Area and H Area. They have steel casings that could affect the metal concentrations in the water.

Radioactive Waste Storage and Disposal Facilities

Burial Grounds

The burial grounds have been used for storage and disposal of radioactive solid waste produced at SRS or shipped from other facilities since 1952. The original area, known as the old burial ground, contains low-level alpha and beta-gamma trenches, intermediate-level beta-gamma trenches, and alpha waste trenches. As the trenches were filled, they were covered with soil. When the old burial ground was filled in 1974, operations moved to the adjacent low-level radioactive waste disposal facility (LLRWDF).

The sections of the LLRWDF currently being operated, known as the Solid Waste Disposal Facility (SWDF), contain trenches for only radioactive waste. Concrete vaults, known as the E-Area vaults, have been constructed east and north of the LLRWDF for disposal of solid radioactive waste. The first waste was placed there in September 1994.

Mixed waste storage building 643/29E, within the boundaries of the LLRWDF, has been in use since March 1987. The adjacent mixed waste storage building, 643/43E, was completed in July 1995, and the facility began receiving waste later that same month.

Until 1965, transuranic (TRU) waste was placed in plastic bags and cardboard boxes and buried in earthen trenches. Between 1965 and 1974, lower level TRU waste was buried unencapsulated in trenches, and higher level TRU waste was buried in retrievable concrete containers or encapsulated in concrete. Since 1974, TRU wastes contaminated with greater than 0.01 Ci/g have been stored in watertight containers on concrete pads with monitoring sumps. TRU waste storage pads 1–19 are on the FFA's list of RCRA-regulated units.

Since mid-1984, newly generated low-level beta-gamma waste has been placed in metal boxes or metal drums. Currently, it is disposed of in engineered trenches and covered with at least 4 feet of soil. Some wastes that do not have forms that are easily placed in containers are disposed of in shallow land-burial slit trenches.

Mixed wastes stored or disposed of within the old burial ground and portions of the LLRWDF include cadmium, lead, mercury, and tritiated pump oil. Some of the waste is contained in welded stainless steel containers or metal drums and stored within concrete cylinders. Degraded radioactive organic solvents and tritiated pump oil have been stored in 22 underground storage tanks in the old burial ground. In addition, two areas of the old burial ground were used for incineration of solvents.

The burial ground complex, comprising the old burial ground, solvent storage tanks S01–S22, and portions of the LLRWDF, is monitored by the following:

Burial Ground Expansion (E-Area Vaults)—This site is located in the northern section of E Area and is monitored by the BGX well series.

Hazardous Waste/Mixed Waste Disposal Facility—This site is northwest of the burial ground expansion and is monitored by the HMD well series.

Old Burial Ground—The old burial ground is in the southern portion of E Area and is monitored by wells in the BG and BGO well series.

Radioactive Waste Burial Ground—The LLRWDF, which includes the mixed waste management facility (MWMF), is monitored by wells in the BGO well series.

Tank Farms

Liquid radioactive wastes are stored and processed at the tank farms, which comprise subsurface tanks containing high-level aqueous radioactive wastes in the form of sludges, supernatant liquid of varying salt concentrations, and saltcake. Approximately 129 million liters of waste are stored in the tanks.

The high-level liquid waste volume is reduced in the tank farm evaporators. Certain tanks are used for pretreatment of the wastes before they are processed at the DWPF into saltstone (low-level waste) or a glass form (high-level waste). As described earlier, saltstone manufacturing and disposal is ongoing; vitrification was tested during 1995, and the DWPF began production operations in 1996. Pretreatment processes at the tank farms include in-tank precipitation and extended sludge processing.

More information about the function of the tank farms may be found in previous sections of this chapter, including the discussions of the F-Area effluent treatment cooling water basin, the H-Area auxiliary pump pit, S Area, the S-Area low-point pump pit, the DWPF, the Z-Area low-point drain tank, and the Z-Area saltstone manufacturing and disposal facility.

Because of restrictions on the disposal of purge water, monitoring wells at the tank farms are bailed and not purged.

F-Area Tank Farm—The F-Area tank farm comprises 22 subsurface tanks. In 1961, Tank 8 was overfilled, causing soil and possible groundwater contamination.

H-Area Tank Farm—The H-Area tank farm comprises 29 subsurface tanks. In 1960, Tank 16 leaked an unknown quantity (a few tens of gallons to a few hundred gallons) of waste into the soil. The tank's remaining waste was removed by 1972.

Several other releases of waste from H-Area tanks have occurred, including a spill of approximately 100 gallons at Tank 13 in 1983. In 1989, approximately 500 pounds of volume-reduced waste leaked from a transfer line at Tank 37. The leak sites have been cleaned up or stabilized to prevent the spread of contamination. Both the F-Area and H-Area sites are being monitored for gross alpha, nonvolatile beta, and tritium.

Sanitary Landfill and Interim Sanitary Landfill

The sanitary landfill began receiving waste from office, cafeteria, and industrial activities during 1974. Materials such as paper, plastics, rubber, wood, cardboard, rags, metal debris, pesticide bags, empty cans, carcasses, asbestos in bags, and sludge from the site's wastewater treatment plant are placed in unlined trenches and covered daily with soil or a fabric substitute. The original section of the landfill and its southern expansion, with a total area of approximately 54 acres, have been filled. Operations at the portion of approximately 16 acres known as the northern expansion, or the interim sanitary landfill, were discontinued in November 1994.

Sanitary landfills are intended to receive only nonradioactive, nonhazardous waste. However, until October 1992, some hazardous wastes (specifically, solvent-laden rags and wipes used for cleaning, decontamination, and instrument calibration) were buried in portions of the original 32-acre landfill and its southern expansion.

Sludge Application Sites

These sites originally were the subject of a research program using domestic sewage sludge to reclaim borrow pits and to enhance forest productivity at SRS. In 1980, sludge was applied to the following application sites: K Area, Kato Road, Lower Kato Road, Orangeburg, PAR Pond, Road F, Sandy (Lucy), Second PAR Pond Borrow Pit, and 40-Acre Hardwood. After sludge was applied to the sites, hardwoods and pines were planted to quantify the effectiveness of the sludge as a fertilizer and soil conditioner.

Sludge from Aiken and Augusta municipal wastewater treatment plants was applied to the following sites: F Area, H Area, Kato Road, Lower Kato Road, Orangeburg, Road F, Sandy (Lucy), Second PAR Pond Borrow Pit, and 40-Acre Hardwood. Wastewater sludge was applied to the K Area and PAR Pond sites in 1981 and 1988. Revegetating of the sites is continuing.

In November 1993, groundwater monitoring was discontinued at the Kato Road, Lower Kato Road, Orangeburg, Road F, Sandy (Lucy), and 40-Acre Hardwood sites because they have not received applications of sewage sludge since 1981, and historical monitoring results show no impact from sludge applications. Monitoring was canceled after first quarter 1994.

H-Area Sanitary Sludge Land Application Site

Sewage sludge from SRS sanitary wastewater treatment plants was disposed of at this 13-acre site southeast of H Area from November 1990 to May 1992.

K-Area and PAR Pond Sludge Land Application Sites (Formerly K-Area Borrow Pit and PAR Pond Borrow Pit Sites)

In 1981, sludge from Aiken and Augusta municipal wastewater treatment plants was applied to the K-Area and PAR Pond borrow pits. In 1988, the N-Area sanitary sewage sludge lagoon was closed, and the lagoon sludge was applied to the K Area and PAR Pond borrow pits. In 1989, the K-Area location (now called the K-Area sludge land application site) was declared a RCRA/CERCLA unit because of the presence of chlordane in the lagoon sludge applied to the site.

Other Sites

B-Area Gas Station

Elevated benzene, which could be the result of old underground gasoline or diesel storage tanks, has been detected near B Area. EMS has inspected the area and believes there may be two underground storage tanks southeast of B Area. The first suspected tank appears to be at an abandoned gas station between Kato Road and Road C-2. The second appears to be an old diesel tank in front of a storage and laboratory facility.

Baseline Hydrogeologic Investigation Observation Well Clusters

Wells in the P series that provide baseline hydrogeologic investigation data are located in numerous locations across SRS.

Chemicals, Metals, and Pesticides Pits

The chemicals, metals, and pesticides pits were used from 1971 to 1979 to dispose of oil in drums, organic solvents, and small amounts of pesticides and metals. In 1984, the pits were excavated to form two trenches, backfilled, and capped. During excavation, most of the contaminated material (liquid in original drums, free liquid placed in drums during excavation, and contaminated soil) was moved to the hazardous waste storage facility.

D-Area Oil Disposal Basin

The D-Area oil disposal basin was constructed in 1952 and received waste oil products from D Area that were unacceptable for incineration in the powerhouse boilers. These waste oils may have contained hydrogen sulfide, chlorinated organics, or other chemicals. In 1975, the oil basin was removed from service and backfilled with soil.

Interim Waste Technology Site Characterization Wells

Characterization wells monitor interim waste technology sites B, L, Q, and P.

K-Area Diesel Tank Spill

Following the discovery in 1989 of a leaking buried diesel supply line, most of the diesel-contaminated soil was removed from this area except where continued excavation would have jeopardized the structural integrity of an underground storage tank.

L-Area Acid/Caustic Basin and L-Area Oil and Chemical Basin

From 1961 to 1979, the L-Area oil and chemical basin received small quantities of radioactive oil and chemical waste that could not be discharged to effluent streams, regular seepage basins, or the 200 Areas' waste management systems. The waste came from throughout SRS, primarily from the reactor areas and the contaminated-equipment workshop through a pipeline known to have leaked. The basin has been inactive since 1979.

M-Area Recovery Wells

The RWM well series identifies the M-Area recovery wells. The first wells were installed in 1982 and 1983, with pumps added in 1985. Additional wells were installed in 1985, 1990, 1993, and 1996. The RWM wells pump contaminated groundwater to air strippers, which remove volatile organic compounds from the water before it is returned to the ground.

Miscellaneous Chemical Basin

The miscellaneous chemical basin, in operation by 1956, was closed and graded in 1974. No records document the materials disposed of at this location. However, soil gas investigations revealed volatile organics in the near-surface soils at the basin. It is assumed that the site was used for disposal of waste solvents, liquid chemical wastes, and possibly waste oil. The basin is inactive.

Motor Shop Oil Basin

This unlined basin was placed in service in 1977 to receive liquid effluent from the Motor Shop, including trace quantities of engine oil, grease, kerosene, ethylene glycol, and soap. All waste passed through an oil skimmer prior to discharge into the basin. All discharges to the basin were terminated in August 1983. The basin is inactive but collects rainwater during periods of heavy precipitation.

N-Area Diesel Spill Hazardous Waste Storage Facility

The tanks have been filled with inert material, and the pipelines have been disconnected at this site.

N-Area Fire Department Training Facility

The fire department training facility, also known as the N-Area burnable-oil basin, is a shallow pit surrounded by an 18-inch-high asphalt dike. It was used from 1979 to 1982 by the SRS Fire Department to train personnel in the use of firefighting equipment. After this time, the area was excavated and backfilled.

N-Area Hydrofluoric Acid Spill

It is uncertain whether a spill occurred at the hydrofluoric acid spill area or if contaminated soil or containers were buried there. The spill or burial occurred prior to 1970, and an identification sign is the only evidence that material was released.

Production Wells

The PW series wells are production wells scattered across SRS.

Road A (Baxley Road) Chemical Basin

The Road A chemical basin is reported to have received miscellaneous radioactive and chemical aqueous waste, but no records of the materials disposed of at the basin are available. The basin was closed and backfilled in 1973. The BRD well series is being monitored for environmental-screening constituents only.

Silverton Road Waste Site

The Silverton Road waste site, south of Silverton Road, was used for disposal of metal shavings, construction debris, tires, drums, tanks, and miscellaneous other items. The startup date is unknown, and no records of waste disposal activities were kept. Operations at this location ended in 1974, and the waste material is covered with soil and vegetation.

TNX Burying Ground

The TNX burying ground was created to dispose of debris from an experimental evaporator that exploded at T Area in 1953. The buried material included contaminated conduit, tin, drums, structural steel, and depleted uranium. Although most of this material was excavated and sent to the LLRWDF between 1980 and 1984, an estimated 27 kg of uranyl nitrate remains buried at this location. See the **New TNX Seepage Basin** section for more information on the unit.

NOTES

Glossary

Also see p. B-1 for abbreviations and qualifiers used in the results tables in ***Appendix B.***

2,4-D. 2,4-Dichlorophenoxyacetic acid.

absolute difference. The unsigned result of the subtraction of any two numbers.

accuracy. The degree of agreement between an observed value and an accepted reference value or a measure of the over- or underestimation of reported concentrations.

advisory range. A range of acceptable analytical results established by the provider of known samples.

aerated sample. Groundwater sample supplied or charged with air. Aeration can occur naturally or during well pumping.

aliquot. A portion of a sample being used for analysis.

analyte. Analyzed constituent.

analytical detection limit. The lowest reasonably accurate concentration of an analyte that can be detected. This value varies depending on the method, instrument, and dilution used.

APHA. American Public Health Association.

Appendix IX. A list of constituents specified by Appendix IX in the *Code of Federal Regulations*, Title 40, Part 264 (EPA, 1999). Analysis for Appendix IX constituents is required by the Resource Conservation and Recovery Act (RCRA) under specified conditions.

associated samples. Samples analyzed by a laboratory in the same batch with field or laboratory blanks.

ASTM. American Society for Testing and Materials.

bail. To remove water from a well by lowering a container into the water, allowing it to fill with water, and removing it from the well.

blank. Aliquot of deionized water generated by laboratory or sampling personnel and analyzed like a groundwater sample. See **equipment blank, field blank, laboratory blank,** and **trip blank.**

blank spike. An organic-free water sample spiked with target analytes, extracted, and analyzed with the regular samples for organic parameters to monitor the performance of all steps in the analysis process.

blind replicate. A second sample taken from a well at the same time as the primary sample and sent to the laboratory for analysis as an unknown.

BNA. Base/neutral and acid extractables. Groups of organic compounds analyzed as part of the Appendix IX and Priority Pollutants suites; also, a group of compounds that can be analyzed by EPA Method 8270.

Bq/L. Becquerels per liter. A measurement of radioactivity.

cation. Positively charged ion.

CERCLA. Comprehensive Environmental Response, Compensation, and Liability Act, commonly known as Superfund.

certified value. The known concentration of an analyte in a referenced sample.

CFR. *Code of Federal Regulations.* Sections of this annual document contain EPA standards and regulations for environmental monitoring.

chain-of-custody record. A form that documents the collection, transport, analysis, and disposal of well samples.

common analyses. Common parameters tested for, and generally found, in drinking water.

comparability. An evaluation made by confirming that the laboratories used the same standardized procedures for sample preparation and analysis, that the reporting units are the same, and that similar detection and quantitation limits were obtained.

completeness. An evaluation based on a comparison of the wells scheduled for sampling to the wells sampled, also a comparison of the requested analyses to the analytical data received.

deionized water. Water from which all charged species or ionizable organic and inorganic salts have been removed.

detection limit. See **analytical detection limit.**

dilution factor. The mathematical factor by which a sample is diluted to bring the concentration of an analyte in the sample within the analytical range of an instrument (e.g., 1 mL sample + 9 mL solvent = 1:10 dilution, or a dilution factor of 10).

DL. See **analytical detection limit.**

DNAPL. Dense nonaqueous phase liquid.

DOE. U.S. Department of Energy.

drinking water standards. Federal primary and secondary drinking water standards, as set forth by the EPA.

duplicate. Duplicate sample; an aliquot of a primary sample.

duplicate result. A result obtained from identical analyses performed on more than one aliquot of a primary sample.

DWS. See **drinking water standards.**

E. A code letter used in the analytical data tables that signifies exponential notation (e.g., 3.4E+03 = 3.4×10^3 = 3,400).

EM. EPD/EMS Laboratory at SRS.

EMAX Laboratories. EMAX Laboratories, Inc., of Torrance, CA.

EMS. The Environmental Monitoring Section of the Environmental Protection Department at SRS.

EMS code. See **qualifier.**

Environmental Physics. Environmental Physics, Inc., of Charleston, SC (subcontractor for General Engineering).

environmental-screening analyses. A group of analyses that forms the core of the EPD/EMS Groundwater Monitoring Program each quarter. See the **Sample Scheduling** section of this report for a complete list of constituents.

EPA. U.S. Environmental Protection Agency.

EPD. Environmental Protection Department at SRS.

EPD/EMS. Environmental Protection Department's Environmental Monitoring Section at SRS.

EQL. See **estimated quantitation limit.**

equipment blank. A sample of deionized water that is opened at the sampling location and poured or pumped through the sampling device. Equipment blanks are used to identify possible contaminants in the sampling equipment.

ES. See **QST Environmental.**

estimated quantitation limit (EQL). The lowest concentration reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The EQL is generally 5x to 10x the method detection limit (MDL); however, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes, the EQL analyte concentration is selected as the lowest nonzero standard in the calibration curve.

EX. See **EMAX Laboratories.**

Fibers/L. Fibers per liter. A unit of measurement for asbestos.

field blank. A sample container of deionized water sent to a laboratory under an alias as a quality control check.

field qualifier. See **sample interference field qualifier.** Due to space limitations, sample interference field qualifiers are referred to as *field qualifiers* in the analytical results tables in **Appendix B.**

flagging criteria. Criteria established to help determine the relative concentration and testing frequency for analytes. See the **Flagging Criteria** section of this report for further information.

functional guideline code. See **qualifier.**

gamma PHA. A group of analyses performed to determine activities of gamma-emitting radionuclides.

GC. See Gulf Coast.

GC VOA. Gas chromatographic volatile organics analyses. Also used to refer to a group of volatile organic compounds that can be analyzed by gas chromatography.

GCMS VOA. Gas chromatograph/mass spectrometer volatile organics analyses. Also used to refer to a group of volatile organic compounds analyzed by gas chromatography and mass spectrometry methods.

GE. See **General Engineering.**

General Engineering. General Engineering Laboratories of Charleston, SC.

General Engineering Laboratories Mobile Laboratory. The Mobile Laboratory, associated with General Engineering Laboratories of Charleston, SC.

GP. See **Environmental Physics.**

Gulf Coast. Gulf Coast of Chicago, IL (owned by Recra).

halogen. Any of the elements of the halogen family, which consists of fluorine, chlorine, bromine, iodine, and astatine.

herbicides/pesticides. A suite of analyses. See the **Sample Scheduling** section of this report for further information.

holding time. The length of time during which an analysis of a sample can be reliably performed. Holding times vary depending on which constituents are being analyzed.

interlaboratory comparisons. Comparisons conducted between two or more laboratories.

intralaboratory comparisons. Comparisons conducted within a single laboratory.

ion. An isolated electron or positron or an atom or molecule that has acquired a net electric charge by the loss or gain of one or more electrons.

laboratory blank. Deionized water or solvent sample generated by the laboratory. One blank is analyzed with each batch of samples as an in-house check of analytical procedures and equipment.

laboratory control sample. A deionized water sample that is spiked with the target analyte, digested, and analyzed with the regular samples for inorganic parameters to monitor the performance of all steps in the analysis process.

MA. See **Microanalytical Laboratories.**

major ions. A group of analyses performed in the EPD/EMS Groundwater Monitoring Program to determine the concentrations of calcium, magnesium, potassium, and silica ions and the alkalinity of a sample.

matrix spike. A known quantity of a target analyte added to at least 5% of the samples prior to sample preparation to evaluate the effect of the sample matrix on the analytical procedure.

MDL. See **method detection limit.**

mean. The arithmetic mean; a single number that typifies a set of numbers.

method detection limit (MDL). A reproducible analyte- and method-specific detection limit: the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero.

mg/L. Milligrams per liter.

µCi. Microcurie; unit of radioactivity equivalent to 3.7×10^4 disintegrations per second.

µCi/mL. Microcuries per milliliter.

µg/L. *Micrograms per liter.*

µS/cm. Microsiemens per centimeter, equivalent to micromhos per centimeter. The unit of conductance across two points, used as the measure of specific conductance in analytical data tables.

Microanalytical Laboratories. Microanalytical Laboratories, Inc., of Gainesville, FL (subcontractor for QST Environmental).

ML. See **General Engineering Laboratories Mobile Laboratory.**

modifier. See **qualifier.**

MRD. Mean relative difference. See the **Quality Control Samples** section of this report for further information.

msl. Mean sea level.

NTU. Nephelometric turbidity units. The standard unit of turbidity measurement.

null hypothesis. A statement, which can be tested statistically, of no difference in a characteristic of a population or distribution.

organic. A chemical compound based on carbon chains or rings and containing hydrogen with or without oxygen, nitrogen, or other elements.

PCB. Polychlorinated biphenyl.

pCi. Picocurie; a unit of radioactivity equivalent to 3.7×10^{-2} disintegrations per second.

pCi/L. Picocuries per liter.

pCi/mL. Picocuries per milliliter.

piezometer. An instrument used to measure the potentiometric surface of groundwater. Also, a well designed for this purpose.

plume. A volume of contaminated air or water originating at a point-source emission (e.g., a smokestack) or a waste source (e.g., a hazardous-waste disposal site).

potentiometric surface. The surface to which water in an aquifer would rise by hydrostatic pressure if unconfined.

precision. A measure of the repeatability of a measurement, evaluated from the results of duplicate samples and splits.

primary laboratory. A laboratory having a contract with EPD/EMS to perform a specific set of analyses; a primary laboratory may subcontract this work to other laboratories.

purge. To remove water from a well prior to sampling, generally by pumping or bailing. Under the EPD/EMS Groundwater Monitoring Program, two well volumes generally are purged before sampling.

QA. Quality assurance.

QC. Quality control.

QST Environmental. QST Environmental, of Gainesville, FL.

qualifier. A code used to convey additional information about an analytical result. Also called a modifier. Specific types include functional guideline codes, STORET codes, and EMS codes. See **Appendix B** for additional information.

radioisotopes. Radioactive isotopes.

radionuclide. A nuclide at an unstable, high-energy level that seeks a more stable, low-energy level by emitting particles of energy. Through these emissions, the nuclear configuration decays to simpler nuclides.

RCRA. See **Resource Conservation and Recovery Act.**

RCRA site. Solid-waste management unit under RCRA regulation.

RDL. See **reference detection limit.**

Recra LabNet Philadelphia. Recra LabNet Philadelphia, of Lionville, PA.

reference detection limit (RDL). The detection limit chosen to allow comparison of several analyses with different detection limits. For the purposes of this report, the individual detection limits of at least 90% of the analyses are less than the reference detection limit. See the **Quality Control Samples** section of this report for further information.

relative percent difference (RPD). A commonly used estimate of precision when only two samples are available. Precision is the agreement among a set of replicate measurements without assumption of the true value. Precision is estimated by means of duplicate analyses.

replicate. Replicate sample. Used in this report to mean only those duplicate samples sent to the laboratory as unknowns. See **blind replicate.**

representativeness. The quality of exhibiting the average properties of the population being sampled.

Resource Conservation and Recovery Act (RCRA). Federal legislation that regulates the transport, treatment, and disposal of solid and hazardous wastes.

RFI Program. RCRA Facility Investigation Program. EPA-regulated investigation of a solid-waste management unit with regard to its potential impact on the environment.

RFI/RI Program. RCRA Facility Investigation/Remedial Investigation Program. At SRS, an expansion of the RFI Program that includes CERCLA and hazardous-substance regulations.

RPD. See **relative percent difference.**

run date. The calendar date denoting when an analysis is performed.

sample interference field qualifier. See also **field qualifier.** This describes interferences encountered during sample collection that could affect analytical results. It is used to qualify analytical data based on field condition.

sample quantitation limit (SQL). The sample-specific EQL, which is the EQL multiplied by factors of concentration, dilution, aliquot size, and percent solids.

sample-specific EQL (ssEQL). The EQL multiplied by factors of concentration, dilution, aliquot size, and percent solids. Also called the **SQL.**

sample-specific MDL (ssMDL). The MDL multiplied by factors of concentration, dilution, aliquot size, and percent solids. For radiological analyses it is known as the sample-specific minimum detectable concentration.

sampling device. Anything used in sampling, especially portable (nondedicated) pumps and bailers. Possible source of sample contamination if not cleaned thoroughly between uses.

SCDHEC. South Carolina Department of Health and Environmental Control.

seepage basin. An excavation that receives wastewater. Designed to prevent overflow or surface runoff.

settling basin. A temporary holding basin (excavation) that receives wastewater.

significance of probability. The probability of observing a statistical value as significant as, or more significant than, the value actually observed.

site custodian. WSRC employee responsible for ensuring that a site is monitored.

SQL. See **sample quantitation limit.**

SRL. Savannah River Laboratory at SRS; now Savannah River Technology Center (SRTC).

SRP. Savannah River Plant; now Savannah River Site (SRS).

SRS. Savannah River Site.

SRTC. Savannah River Technology Center.

STORET. EPA national database for storage and retrieval of water quality information and monitoring data; some of the qualifiers listed in the **Analytical Results** section of this report (**Appendix B**) are based on STORET codes.

STORET code. See **qualifier.**

surrogate. An organic compound similar in composition and test performance to one of the analytes of interest; known quantities are used in an analysis as a quality assurance measure.

tank farm. An installation of interconnected underground tanks used for storage of high-level radioactive liquid wastes.

Thermo NUtech. Thermo NUtech, of Oak Ridge, TM (subcontractor for Recra LabNet Philadelphia and QST Environmental).

TL. See **Triangle Laboratories.**

TM. See Thermo NUtech.

TOC. Top of casing. The elevation of the casing at the top of a well; used as a reference for water-level measurements.

Triangle Laboratories. Triangle Laboratories, Inc., of Durham, NC (subcontractor for Environmental Science & Engineering).

trip blank. A sample container of deionized water that is transported to the well sample location, treated as a well sample, and sent to the laboratory for analysis; trip blanks are used to check for contamination resulting from transport, shipping, and site conditions.

***t*-test.** Statistical method used to determine if the means of groups of observations are equal.

turbidity. A measure of the concentration of sediment or suspended particles in solution.

U. Unclassified.

USDWS. U.S. Public Health Service drinking water standard.

validation and verification. The standard, in-depth review process to which laboratory analytical data are subjected before being used. The data verification process confirms that the required samples were collected and documented, the required analyses were performed on the samples, and the analytical results were reported correctly. The data validation process determines the usefulness of each analytical result based on QC and method requirements. The information evaluated during this process includes COC forms, analytical narrative summaries, and analytical result data files.

volatile organic compounds. A broad range of organic compounds, commonly halogenated, that vaporize at ambient, or relatively low, temperatures (e.g., acetone, benzene, chloroform, and methyl alcohol).

WA. See **Recra LabNet Philadelphia.**

well volume. The volume of water between the well water surface and the bottom of the screen; the volume of water standing inside the well casing.

wellhead. The top of a well.

WSRC. Westinghouse Savannah River Company.

References

American Public Health Association, American Water Works Association, and Water Pollution Control Federation. 1985. *Standard Methods for the Examination of Water and Wastewater,* 16th edition. Washington, DC.

American Society for Testing and Materials. 1992. *Annual Book of ASTM Standards*, Volume 11.02. Philadelphia, PA.

Environmental Protection Agency. 1977. *National Interim Primary Drinking Water Regulations,* EPA-570/9-76-003. Washington, DC.

Environmental Protection Agency. 1980. *Prescribed Procedures for Measurement of Radioactivity in Drinking Water*, EPA-600/4-80-032 (method 901.1). Cincinnati, OH.

Environmental Protection Agency. 1982. *Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater*, PB83-201798 (method 625). Cincinnati, OH.

Environmental Protection Agency. 1983. *Methods for Chemical Analysis of Water and Wastes*, PB84-128677 (methods 200.7, 282.2, 310.1, 350.1, 351.2, 413.1, 418.1, and 420.1). Cincinnati, OH.

Environmental Protection Agency. 1986a. *RCRA Ground-Water Monitoring Technical Enforcement Guidance Document,* OSWER-9950.1. Washington, DC: Office of Waste Programs Enforcement.

Environmental Protection Agency. 1986b. *Test Methods for Evaluating Solid Waste,* Volumes 1A, 1B, and 1C, third edition, SW-846 (methods 6010, 8080, 8150, 8240, 8270, 8280, 9020, 9030, and 9060). Washington, DC.

Environmental Protection Agency. 1988a. *Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses.* Washington, DC: Office of Solid Waste and Emergency Response.

Environmental Protection Agency. 1988b. *Laboratory Data Validation Functional Guidelines for Inorganics Analyses*, Draft. Washington, DC: Office of Solid Waste and Emergency Response.

Environmental Protection Agency. 1990. "National Primary and Secondary Drinking Water Regulations; Synthetic Organic Chemicals and Inorganic Chemicals; Proposed Rule" in *Federal Register,* July 25, 1990, pp. 30369–30448. Washington, DC.

Environmental Protection Agency. 1991a. "Guidelines Establishing Test Procedures for the Analysis of Pollutants" in *Code of Federal Regulations,* Title 40, Part 136, pp. 293–575. Washington, DC.

Environmental Protection Agency. 1991b. *National Functional Guidelines for Organic Data Review*, Draft. Washington, DC: Office of Solid Waste and Emergency Response.

Environmental Protection Agency. 1991c. "National Primary Drinking Water Regulations; Radionuclides; Proposed Rule" in *Federal Register,* July 18, 1991, pp. 33052–33127. Washington, DC.

Environmental Protection Agency. 1991d. *Test Method: The Determination of Inorganic Anions in Water by Ion Chromatography Method 300.0*, Revised August 1991. Cincinnati, OH.

Environmental Protection Agency. 1991e *USEPA Contract Laboratory Program, Statement of Work (CLP SOW) for Organics Analysis, Multi-Media, Multi-Concentration*, ILM03.0. Washington, DC.

Environmental Protection Agency. 1997a. "National Primary Drinking Water Regulations" in *Code of Federal Regulations,* pp. 288–432. Washington, DC.

Environmental Protection Agency. 1997b. "National Secondary Drinking Water Regulations" in *Code of Federal Regulations,* pp. 473–474. Washington, DC.

Environmental Protection Agency. 1998a. "National Primary Drinking Water Regulations" in *Code of Federal Regulations.* Washington, DC.

Environmental Protection Agency. 1998b. "National Secondary Drinking Water Regulations" in *Code of Federal Regulations.* Washington, DC.

Environmental Protection Agency. 1999. "Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities" in *Code of Federal Regulations,* Title 40, Part 264, App. IX. Washington, DC.

Keith, L.H. 1991. *Environmental Sampling and Analysis: A Practical Guide.* Chelsea, MI: Lewis Publishers.

South Carolina Department of Health and Environmental Control. 1981. *State Primary Drinking Water Regulations,* R.61–58.5. Columbia, SC.

U.S. Department of Energy. 1986. *Savannah River Plant Environmental Report for 1985,* Volumes I and II, DPSPU-86-30-1. Aiken, SC.

U.S. Department of Energy. 1987. *Savannah River Plant Environmental Report for 1986,* Volumes I and II, DPSPU-87-30-1. Aiken, SC.

U.S. Department of Energy. 1988a. *Geohydrology Program Report.* Aiken, SC: Environmental Division, Savannah River Operations Office.

U.S. Department of Energy. 1988b. *Savannah River Plant Environmental Report for 1987,* Volumes I and II, DPSPU-88-30-1. Aiken, SC.

U.S. Department of Energy. 1989a. *Geoscience Implementation Plan.* Aiken, SC: Environmental Division, Savannah River Operations Office.

U.S. Department of Energy. 1989b. *Savannah River Site Environmental Report for 1988,* Volumes I and II, WSRC-RP-89-59-1. Aiken, SC.

Westinghouse Savannah River Company. *Environmental Geochemistry Group Operating Handbook,* Section 1.800, "Analytical Data Qualification," October 19, 1998. ESH-EMS-970437. Aiken, SC.

Addendum

Appendix B: Analytical Results in the third quarter 1999 Groundwater Monitoring Program report included incorrect holding times for the following wells.

The problem has been resolved; all of the results were within holding time. The correct holding times are in GIMS.

Total phosphates (as P)

Well Name	Sample Date	Lab	Analyte	Method	Samp type	FG	Storet	Result	Unit	COC #	Run Date
MSB 14A	8/18/99 11:29	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	181B2	8/25/99 10:59
MSB 14A	8/18/99 11:29	EX	TPO4	EPA300.0	1	JU	Q	2,500	µg/L	181B2	8/25/99 11:13
MSB 15D	8/18/99 8:25	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	181A6	8/25/99 12:23
MSB 16A	8/18/99 10:31	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	181A5	8/25/99 12:38
MSB 18A	8/18/99 12:44	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	181AE	8/25/99 12:52
MSB 18B	8/18/99 13:30	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	181AD	8/25/99 13:34
MSB 23B	8/24/99 12:53	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	1819F	9/3/99 8:50
MSB 27B	8/24/99 14:06	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18198	9/3/99 9:04
MSB 34A	8/24/99 9:37	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18183	9/3/99 9:47
MSB 34B	8/24/99 8:56	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18182	9/3/99 10:01
MSB 34C	8/24/99 10:27	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18181	9/3/99 10:15
MSB 34TA	8/24/99 11:52	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18180	9/3/99 10:29
MSB 34TA	8/24/99 11:52	EX	TPO4	EPA300.0	1	JU	Q	2,500	µg/L	18180	9/3/99 10:43
MSB 36TA	8/18/99 14:31	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	1815C	8/25/99 13:48
MSB 40C	8/26/99 10:58	EX	TPO4	EPA300.0	<null>	J	IQ	372	µg/L	18155	9/9/99 2:35
MSB 41TA	8/18/99 12:52	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18178	8/25/99 14:03
MSB 45B	8/18/99 11:04	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18153	8/25/99 14:17
MSB 47TA	8/26/99 14:35	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	1814D	9/9/99 3:18
MSB 55HC	8/26/99 9:15	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18139	9/9/99 3:32
MSB 69B	8/18/99 8:38	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	1812F	8/25/99 14:31
MSB 69D	8/18/99 8:15	EX	TPO4	EPA300.0	<null>	JU	Q	5,00	µg/L	1812D	8/20/99 10:25
MSB 69TA	8/18/99 9:02	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	181D7	8/25/99 17:35
MSB 75C	8/18/99 13:15	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18122	8/25/99 14:59
MSB 82C	8/18/99 11:43	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18118	8/25/99 15:13
MSB 82D	8/18/99 11:29	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18117	8/25/99 15:28
MSB 83B	8/18/99 10:32	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18115	8/25/99 15:42
MSB 83C	8/18/99 10:15	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18114	8/25/99 16:24
MSB 83D	8/18/99 10:42	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18113	8/25/99 16:38
MSB 85B	8/18/99 15:16	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	1810F	8/25/99 16:53
MSB 85D	8/18/99 14:55	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	1810D	8/25/99 17:07
MSB 85TA	8/18/99 15:40	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	1810C	8/25/99 17:21
MSB 84A	8/26/99 9:51	EX	TPO4	EPA300.0	<null>	JU	Q	2,500	µg/L	18111	9/9/99 3:46

Volatiles

Well Name	Sample Date	Lab	Analyte	Method	FG	Storet	Result	Unit	COC #	Run Date
MSB 1B	9/16/99 12:00	EX	111TCE	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	112TCE	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	11DCE	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	11DCLE	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	123CPR	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	12DB3P	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	12DBE	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	12DCLE	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	12DCLP	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	13DCLB	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	13DCPC	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	13DCPT	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	14DCLB	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	14DXA	EPA8260B	JU	Q	50,000	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	2HXONE	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	ACET	EPA8260B	JU	Q	1,000	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	ACROLN	EPA8260B	JU	Q	2,500	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	ACRYLO	EPA8260B	JU	Q	2,500	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	AYLCL	EPA8260B	JU	Q	500	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	BRDCLM	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	C2H3CL	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	C2H5CL	EPA8260B	JU	Q	500	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	C6H6	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CCL2F2	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CCL3F	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CCL4	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CH2BR2	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CH2CL2	EPA8260B	JU	Q	500	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CH3BR	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CH3CL	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CH3CN	EPA8260B	JU	Q	25,000	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CHBR3	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CHCL3	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CL5ET	EPA8260B	JU	Q	10,000	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CLC6H5	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CLPR	EPA8260B	JU	Q	2,500	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	CS2	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	DBRCLM	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	ETC6H5	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	ETMEAC	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	IODOME	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	ISBAL	EPA8260B	JU	Q	75,000	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	MEACRY	EPA8260B	JU	Q	25,000	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	MEC6H5	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	MEK	EPA8260B	JU	Q	500	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	MEMEAC	EPA8260B	JU	Q	2,500	µG/L	180F1	9/30/99 2:57

Well Name	Sample Date	Lab	Analyte	Method	FG	Storet	Result	Unit	COC #	Run Date
MSB 1B	9/16/99 12:00	EX	MIBK	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	PRONIT	EPA8260B	JU	Q	25,000	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	STYR	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	T12DCE	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	T14DCB	EPA8260B	JU	Q	1,000	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	TCLEA	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	TCLEA2	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	TCLEE	EPA8260B	JU	Q	250	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	TRCLE	EPA8260B	J	Q	1,700	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	VINYLA	EPA8260B	JU	Q	1,000	µG/L	180F1	9/30/99 2:57
MSB 1B	9/16/99 12:00	EX	XYLEN	EPA8260B	JU	Q	500	µG/L	180F1	9/30/99 2:57
MSB 1CC	9/16/99 11:13	EX	111TCE	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	112TCE	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	11DCE	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	11DCLE	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	123CPR	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	12DB3P	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	12DBE	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	12DCLE	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	12DCLP	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	13DCLB	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	13DCPC	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	13DCPT	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	14DCLB	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	14DXA	EPA8260B	JU	Q	1,000	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	2HXONE	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	ACET	EPA8260B	JU	Q	20	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	ACROLN	EPA8260B	JU	Q	50	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	ACRYLO	EPA8260B	JU	Q	50	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	AYLCL	EPA8260B	JU	Q	10	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	BRDCLM	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	C2H3CL	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	C2H5CL	EPA8260B	JU	Q	10	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	C6H6	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CCL2F2	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CCL3F	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CCL4	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CH2BR2	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CH2CL2	EPA8260B	JU	Q	10	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CH3BR	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CH3CL	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CH3CN	EPA8260B	JU	Q	500	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CHBR3	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CHCL3	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CL5ET	EPA8260B	JU	Q	200	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CLC6H5	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CLPR	EPA8260B	JU	Q	50	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	CS2	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32

Well Name	Sample Date	Lab	Analyte	Method	FG	Storet	Result	Unit	COC #	Run Date
MSB 1CC	9/16/99 11:13	EX	DBRCLM	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	ETC6H5	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	ETMEAC	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	IODOME	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	ISBAL	EPA8260B	JU	Q	1,500	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	MEACRY	EPA8260B	JU	Q	500	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	MEC6H5	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	MEK	EPA8260B	JU	Q	10	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	MEMEAC	EPA8260B	JU	Q	50	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	MIBK	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	PRONIT	EPA8260B	JU	Q	500	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	STYR	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	T12DCE	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	T14DCB	EPA8260B	JU	Q	20	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	TCLEA	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	TCLEA2	EPA8260B	JU	Q	5	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	TCLEE	EPA8260B	J	IQ	4.4	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	TRCLE	EPA8260B	J	Q	16	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	VINYLA	EPA8260B	JU	Q	20	µG/L	180F3	9/30/99 3:32
MSB 1CC	9/16/99 11:13	EX	XYLEN	EPA8260B	JU	Q	10	µG/L	180F3	9/30/99 3:32
TNX 66M	8/23/99 9:20	EX	111TCE	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	112TCE	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	11DCE	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	11DCLE	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	12DCE	EPA8260B	JU	Q	1	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	12DCLE	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	12DCLP	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	13DCPC	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	13DCPT	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	2HXONE	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	ACET	EPA8260B	JU	Q	10	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	BRDCLM	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	C2H3CL	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	C2H5CL	EPA8260B	JU	Q	10	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	C6H6	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	CCL4	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	CH2CL2	EPA8260B	J	IQ	3.2	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	CH3BR	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	CH3CL	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	CHBR3	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	CHCL3	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	CLC6H5	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	CS2	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	DBRCLM	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	ETC6H5	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	MEC6H5	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	MEK	EPA8260B	JU	Q	10	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	MIBK	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21

Well Name	Sample Date	Lab	Analyte	Method	FG	Storet	Result	Unit	COC #	Run Date
TNX 66M	8/23/99 9:20	EX	STYR	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	TCLEA	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	TCLEE	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	TRCLE	EPA8260B	JU	Q	5	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	VINYLA	EPA8260B	JU	Q	20	µG/L	18510	9/1/99 15:21
TNX 66M	8/23/99 9:20	EX	XYLEN	EPA8260B	JU	Q	10	µG/L	18510	9/1/99 15:21

NOTES

Appendix A. Water-Level Data

During fourth quarter 1999, water-level measurements were obtained for hydrogeologic projects. Most of the data presented on the following pages were obtained as concurrent data for hydrogeologic interpretation in the A/M and F/H areas. Only water levels were measured for this project; no field tests of water characteristics were conducted. RCS Corporation of Aiken, SC, collected the data.

NOTES

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:09
Depth to water: 136.88 ft (41.72m) below TOC
Water elevation: 223.02 ft (67.98m) msl

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:14
Depth to water: 131 ft (39.93m) below TOC
Water elevation: 240.9 ft (73.43m) msl

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:11
Depth to water: 157.85 ft (48.11m) below TOC
Water elevation: 196.65 ft (59.94m) msl

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:18
Depth to water: 175.98 ft (53.64m) below TOC
Water elevation: 196.12 ft (59.78m) msl

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:09
Depth to water: 125.03 ft (38.11m) below TOC
Water elevation: 219.67 ft (66.96m) msl

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:10
Depth to water: 118.75 ft (36.20m) below TOC
Water elevation: 226.05 ft (68.90m) msl

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:43
Depth to water: 92.54 ft (28.21m) below TOC
Water elevation: 209.76 ft (63.94m) msl

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:42
Depth to water: 90.8 ft (27.68m) below TOC
Water elevation: 211.7 ft (64.53m) msl

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:32
Depth to water: 117.28 ft (35.75m) below TOC
Water elevation: 232.52 ft (70.87m) msl

WELL AMB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 8:44
Depth to water: 163.29 ft (49.77m) below TOC
Water elevation: 217.21 ft (66.21m) msl

WELL AMB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 8:42
Depth to water: 158.26 ft (48.24m) below TOC
Water elevation: 222.14 ft (67.71m) msl

WELL AMB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 8:45
Depth to water: 150.38 ft (45.84m) below TOC
Water elevation: 229.92 ft (70.08m) msl

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 8:48
Depth to water: 146.9 ft (44.78m) below TOC
Water elevation: 230.3 ft (70.20m) msl

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:04
Depth to water: 139.28 ft (42.45m) below TOC
Water elevation: 230.62 ft (70.29m) msl

WELL AMB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:03
Depth to water: 156.31 ft (47.64m) below TOC
Water elevation: 217.29 ft (66.23m) msl

WELL AMB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:03
Depth to water: 150.25 ft (45.80m) below TOC
Water elevation: 222.75 ft (67.90m) msl

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:58
Depth to water: 139.32 ft (42.47m) below TOC
Water elevation: 230.28 ft (70.19m) msl

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:55
Depth to water: 137.62 ft (41.95m) below TOC
Water elevation: 230.28 ft (70.19m) msl

WELL AMB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:52
Depth to water: 149.84 ft (45.67m) below TOC
Water elevation: 216.66 ft (66.04m) msl

WELL AMB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:53
Depth to water: 145.23 ft (44.27m) below TOC
Water elevation: 221.17 ft (67.41m) msl

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:51
Depth to water: 134.67 ft (41.05m) below TOC
Water elevation: 230.83 ft (70.36m) msl

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WELL AMB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:45
Depth to water: 143.4 ft (43.71m) below TOC
Water elevation: 221.2 ft (67.42m) msl

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:44
Depth to water: 132.52 ft (40.39m) below TOC
Water elevation: 231.48 ft (70.56m) msl

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:42
Depth to water: 138.82 ft (42.31m) below TOC
Water elevation: 230.98 ft (70.40m) msl

WELL AMB 13AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:49
Depth to water: 147.71 ft (45.02m) below TOC
Water elevation: 217.39 ft (66.26m) msl

WELL AMB 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:47
Depth to water: 153.76 ft (46.87m) below TOC
Water elevation: 228.64 ft (69.69m) msl

WELL AMB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:45
Depth to water: 152.67 ft (46.53m) below TOC
Water elevation: 230.73 ft (70.33m) msl

WELL AMB 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:49
Depth to water: 150.18 ft (45.78m) below TOC
Water elevation: 230.22 ft (70.17m) msl

WELL AMB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 8:46
Depth to water: 160.03 ft (48.78m) below TOC
Water elevation: 219.07 ft (66.77m) msl

WELL AMB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:00
Depth to water: 160.16 ft (48.82m) below TOC
Water elevation: 217.14 ft (66.19m) msl

WELL AMB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:00
Depth to water: 145.94 ft (44.48m) below TOC
Water elevation: 230.06 ft (70.12m) msl

WELL AMB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:46
Depth to water: 136.16 ft (41.50m) below TOC
Water elevation: 227.54 ft (69.36m) msl

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:22
Depth to water: 108.67 ft (33.12m) below TOC
Water elevation: 232.43 ft (70.85m) msl

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:22
Depth to water: 113.3 ft (34.53m) below TOC
Water elevation: 232.1 ft (70.74m) msl

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:27
Depth to water: 139.5 ft (42.52m) below TOC
Water elevation: 215.6 ft (65.72m) msl

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:25
Depth to water: 118.95 ft (36.26m) below TOC
Water elevation: 218.35 ft (66.55m) msl

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:23
Depth to water: 118.78 ft (36.20m) below TOC
Water elevation: 221.02 ft (67.37m) msl

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:30
Depth to water: 130.04 ft (39.64m) below TOC
Water elevation: 218.36 ft (66.56m) msl

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:46
Depth to water: 98 ft (29.87m) below TOC
Water elevation: 251.1 ft (76.54m) msl

WELL ASB 2AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:43
Depth to water: 119.46 ft (36.41m) below TOC
Water elevation: 236.14 ft (71.98m) msl

WELL ASB 2CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:44
Depth to water: 135.26 ft (41.23m) below TOC
Water elevation: 220.34 ft (67.16m) msl

WELL ASB 3AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:39
Depth to water: 104.85 ft (31.96m) below TOC
Water elevation: 236.75 ft (72.16m) msl

WELL ASB 3CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:40
Depth to water: 121.77 ft (37.12m) below TOC
Water elevation: 219.73 ft (66.97m) msl

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:34
Depth to water: 99.33 ft (30.28m) below TOC
Water elevation: 236.27 ft (72.02m) msl

WELL ASB 5AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:54
Depth to water: 112.3 ft (34.23m) below TOC
Water elevation: 234.7 ft (71.54m) msl

WELL ASB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:53
Depth to water: 127.4 ft (38.83m) below TOC
Water elevation: 219.9 ft (67.03m) msl

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:49
Depth to water: 115.2 ft (35.11m) below TOC
Water elevation: 235 ft (71.63m) msl

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:49
Depth to water: 138.02 ft (42.07m) below TOC
Water elevation: 216.18 ft (65.89m) msl

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:49
Depth to water: 132.41 ft (40.36m) below TOC
Water elevation: 221.19 ft (67.42m) msl

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:51
Depth to water: 140.4 ft (42.79m) below TOC
Water elevation: 212.5 ft (64.77m) msl

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:06
Depth to water: 116.81 ft (35.60m) below TOC
Water elevation: 232.19 ft (70.77m) msl

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:08
Depth to water: 133.92 ft (40.82m) below TOC
Water elevation: 215.88 ft (65.80m) msl

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:09
Depth to water: 131.38 ft (40.05m) below TOC
Water elevation: 218.32 ft (66.54m) msl

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:08
Depth to water: 135.3 ft (41.24m) below TOC
Water elevation: 214.3 ft (65.32m) msl

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:21
Depth to water: 69.03 ft (21.04m) below TOC
Water elevation: 239.97 ft (73.14m) msl

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:20
Depth to water: 90.01 ft (27.44m) below TOC
Water elevation: 218.99 ft (66.75m) msl

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:20
Depth to water: 90.6 ft (27.62m) below TOC
Water elevation: 219.3 ft (66.84m) msl

WELL ASB 10CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 9:43
Depth to water: 129.2 ft (39.38m) below TOC
Water elevation: 220 ft (67.06m) msl

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 13:50
Depth to water: 56.72 ft (17.29m) below TOC
Water elevation: 238.38 ft (72.66m) msl

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:15
Depth to water: Not available
Water elevation: Not available

WELL BGO 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:11
Depth to water: 129.68 ft (39.53m) below TOC
Water elevation: 162.22 ft (49.45m) msl

WELL BGO 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:13
Depth to water: 67.69 ft (20.63m) below TOC
Water elevation: 224.21 ft (68.34m) msl

WELL BGO 3DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:13
Depth to water: 61.16 ft (18.64m) below TOC
Water elevation: 230.34 ft (70.21m) msl

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:09
Depth to water: Not available
Water elevation: Not available

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:56
Depth to water: 82.59 ft (25.17m) below TOC
Water elevation: 213.51 ft (65.08m) msl

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:57
Depth to water: 67.46 ft (20.56m) below TOC
Water elevation: 228.84 ft (69.75m) msl

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:51
Depth to water: 127.12 ft (38.75m) below TOC
Water elevation: 158.48 ft (48.31m) msl

WELL BGO 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:54
Depth to water: 70 ft (21.34m) below TOC
Water elevation: 216.8 ft (66.08m) msl

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:52
Depth to water: 67.71 ft (20.64m) below TOC
Water elevation: 217.89 ft (66.41m) msl

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:53
Depth to water: 56.24 ft (17.14m) below TOC
Water elevation: 229.26 ft (69.88m) msl

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:34
Depth to water: 57.42 ft (17.50m) below TOC
Water elevation: 229.58 ft (69.98m) msl

WELL BGO 8AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:37
Depth to water: 127.86 ft (38.97m) below TOC
Water elevation: 158.74 ft (48.38m) msl

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:41
Depth to water: 66.84 ft (20.37m) below TOC
Water elevation: 221.06 ft (67.38m) msl

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:39
Depth to water: 58.01 ft (17.68m) below TOC
Water elevation: 229.79 ft (70.04m) msl

WELL BGO 9AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:57
Depth to water: 127.86 ft (38.97m) below TOC
Water elevation: 156.94 ft (47.84m) msl

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:12
Depth to water: 57.63 ft (17.57m) below TOC
Water elevation: 227.47 ft (69.33m) msl

WELL BGO 10AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:04
Depth to water: 143.98 ft (43.89m) below TOC
Water elevation: 156.72 ft (47.77m) msl

WELL BGO 10AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:19
Depth to water: 143.2 ft (43.65m) below TOC
Water elevation: 157.3 ft (47.95m) msl

WELL BGO 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:03
Depth to water: 83.86 ft (25.56m) below TOC
Water elevation: 217.14 ft (66.19m) msl

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:22
Depth to water: 83.23 ft (25.37m) below TOC
Water elevation: 218.07 ft (66.47m) msl

WELL BGO 10DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:18
Depth to water: 70.99 ft (21.64m) below TOC
Water elevation: 229.41 ft (69.93m) msl

WELL BGO 11DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:25
Depth to water: 76.35 ft (23.27m) below TOC
Water elevation: 228.85 ft (69.75m) msl

WELL BGO 12AX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:31
Depth to water: 156.54 ft (47.71m) below TOC
Water elevation: 156.26 ft (47.63m) msl

WELL BGO 12CX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:33
Depth to water: 84.67 ft (25.81m) below TOC
Water elevation: 228.63 ft (69.69m) msl

WELL BGO 12DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:35
Depth to water: 95.31 ft (29.05m) below TOC
Water elevation: 218.29 ft (66.54m) msl

WELL BGO 13DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:38
Depth to water: 90.72 ft (27.65m) below TOC
Water elevation: 228.58 ft (69.67m) msl

WELL BGO 14AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:08
Depth to water: 142.93 ft (43.57m) below TOC
Water elevation: 157.77 ft (48.09m) msl

WELL BGO 14CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:12
Depth to water: 79.31 ft (24.17m) below TOC
Water elevation: 221.19 ft (67.42m) msl

WELL BGO 14DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:13
Depth to water: 72.09 ft (21.97m) below TOC
Water elevation: 228.21 ft (69.56m) msl

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:16
Depth to water: 70.95 ft (21.63m) below TOC
Water elevation: 227.75 ft (69.42m) msl

WELL BGO 16AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:29
Depth to water: 143.59 ft (43.77m) below TOC
Water elevation: 160.11 ft (48.80m) msl

WELL BGO 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:33
Depth to water: 88.8 ft (27.07m) below TOC
Water elevation: 216.3 ft (65.93m) msl

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:32
Depth to water: 75.98 ft (23.16m) below TOC
Water elevation: 228.62 ft (69.68m) msl

WELL BGO 17DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:28
Depth to water: 69.9 ft (21.31m) below TOC
Water elevation: 229.3 ft (69.89m) msl

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:25
Depth to water: 134.79 ft (41.08m) below TOC
Water elevation: 160.41 ft (48.89m) msl

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:27
Depth to water: 65.1 ft (19.84m) below TOC
Water elevation: 229.8 ft (70.04m) msl

WELL BGO 19DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:24
Depth to water: 64.17 ft (19.56m) below TOC
Water elevation: 229.63 ft (69.99m) msl

WELL BGO 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:37
Depth to water: 121.82 ft (37.13m) below TOC
Water elevation: 162.08 ft (49.40m) msl

WELL BGO 20AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:41
Depth to water: 122.89 ft (37.46m) below TOC
Water elevation: 160.71 ft (48.99m) msl

WELL BGO 20B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:42
Depth to water: 56.9 ft (17.34m) below TOC
Water elevation: 226.6 ft (69.07m) msl

WELL BGO 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:41
Depth to water: 55.49 ft (16.91m) below TOC
Water elevation: 228.01 ft (69.50m) msl

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:39
Depth to water: 52.02 ft (15.86m) below TOC
Water elevation: 231.68 ft (70.62m) msl

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:36
Depth to water: 52.88 ft (16.12m) below TOC
Water elevation: 232.52 ft (70.87m) msl

WELL BGO 22DX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:21
Depth to water: 52.73 ft (16.07m) below TOC
Water elevation: 232.97 ft (71.01m) msl

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:20
Depth to water: 54.86 ft (16.72m) below TOC
Water elevation: 234.34 ft (71.43m) msl

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:18
Depth to water: 57.45 ft (17.51m) below TOC
Water elevation: 235.75 ft (71.86m) msl

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:01
Depth to water: 136.78 ft (41.69m) below TOC
Water elevation: 159.72 ft (48.68m) msl

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:01
Depth to water: 129.47 ft (39.46m) below TOC
Water elevation: 157.73 ft (48.08m) msl

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:04
Depth to water: 60.09 ft (18.32m) below TOC
Water elevation: 225.41 ft (68.71m) msl

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 10:55
Depth to water: 57.45 ft (17.51m) below TOC
Water elevation: 218.55 ft (66.61m) msl

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 10:57
Depth to water: 51.48 ft (15.69m) below TOC
Water elevation: 224.82 ft (68.53m) msl

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:09
Depth to water: 53.92 ft (16.44m) below TOC
Water elevation: 223.48 ft (68.12m) msl

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 10:45
Depth to water: 105.57 ft (32.18m) below TOC
Water elevation: 158.63 ft (48.35m) msl

WELL BGO 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 10:48
Depth to water: 44.61 ft (13.60m) below TOC
Water elevation: 220.19 ft (67.11m) msl

WELL BGO 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 10:50
Depth to water: 41.86 ft (12.76m) below TOC
Water elevation: 223.64 ft (68.17m) msl

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:13
Depth to water: 57.29 ft (17.46m) below TOC
Water elevation: 217.21 ft (66.21m) msl

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:15
Depth to water: 51.8 ft (15.79m) below TOC
Water elevation: 223 ft (67.97m) msl

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:22
Depth to water: 50.3 ft (15.33m) below TOC
Water elevation: 222.8 ft (67.91m) msl

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:25
Depth to water: 49.78 ft (15.17m) below TOC
Water elevation: 223.92 ft (68.25m) msl

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:28
Depth to water: 56.97 ft (17.36m) below TOC
Water elevation: 224.73 ft (68.50m) msl

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:17
Depth to water: 56.66 ft (17.27m) below TOC
Water elevation: 222.74 ft (67.89m) msl

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:38
Depth to water: 45.61 ft (13.90m) below TOC
Water elevation: 229.29 ft (69.89m) msl

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:42
Depth to water: 45.32 ft (13.81m) below TOC
Water elevation: 228.08 ft (69.52m) msl

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:43
Depth to water: 41.9 ft (12.77m) below TOC
Water elevation: 231.6 ft (70.59m) msl

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:46
Depth to water: 39.98 ft (12.19m) below TOC
Water elevation: 235.42 ft (71.76m) msl

WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:48
Depth to water: 55 ft (16.76m) below TOC
Water elevation: 231.3 ft (70.50m) msl

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:51
Depth to water: 48.52 ft (14.79m) below TOC
Water elevation: 238.78 ft (72.78m) msl

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 11:55
Depth to water: 53.98 ft (16.45m) below TOC
Water elevation: 237.62 ft (72.43m) msl

WELL BGO 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 12:00
Depth to water: 129.88 ft (39.59m) below TOC
Water elevation: 166.02 ft (50.60m) msl

WELL BGO 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 12:02
Depth to water: 65.43 ft (19.94m) below TOC
Water elevation: 230.97 ft (70.40m) msl

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 12:03
Depth to water: 60.4 ft (18.41m) below TOC
Water elevation: 235.3 ft (71.72m) msl

WELL BGO 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:21
Depth to water: 68.42 ft (20.85m) below TOC
Water elevation: 219.98 ft (67.05m) msl

WELL BGO 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:56
Depth to water: 141.64 ft (43.17m) below TOC
Water elevation: 158.66 ft (48.36m) msl

WELL BGO 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:04
Depth to water: 77.09 ft (23.50m) below TOC
Water elevation: 220.81 ft (67.30m) msl

WELL BGO 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:49
Depth to water: 157.79 ft (48.09m) below TOC
Water elevation: 157.11 ft (47.89m) msl

WELL BGO 43AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:51
Depth to water: 158.83 ft (48.41m) below TOC
Water elevation: 155.47 ft (47.39m) msl

WELL BGO 43CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:46
Depth to water: 93.16 ft (28.40m) below TOC
Water elevation: 222.14 ft (67.71m) msl

WELL BGO 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:48
Depth to water: 86.43 ft (26.34m) below TOC
Water elevation: 228.87 ft (69.76m) msl

WELL BGO 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:53
Depth to water: 127.75 ft (38.94m) below TOC
Water elevation: 157.55 ft (48.02m) msl

WELL BGO 44AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:50
Depth to water: 127.54 ft (38.87m) below TOC
Water elevation: 157.76 ft (48.09m) msl

WELL BGO 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:52
Depth to water: 66.45 ft (20.25m) below TOC
Water elevation: 218.75 ft (66.68m) msl

WELL BGO 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:48
Depth to water: 67.1 ft (20.45m) below TOC
Water elevation: 218.5 ft (66.60m) msl

WELL BGO 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:47
Depth to water: 55.29 ft (16.85m) below TOC
Water elevation: 230.11 ft (70.14m) msl

WELL BGO 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:24
Depth to water: 119.41 ft (36.40m) below TOC
Water elevation: 159.49 ft (48.61m) msl

WELL BGO 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:26
Depth to water: 61.78 ft (18.83m) below TOC
Water elevation: 216.82 ft (66.09m) msl

WELL BGO 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:28
Depth to water: 58.08 ft (17.70m) below TOC
Water elevation: 220.52 ft (67.22m) msl

WELL BGO 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:29
Depth to water: 53.58 ft (16.33m) below TOC
Water elevation: 225.02 ft (68.59m) msl

WELL BGO 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:24
Depth to water: 49.75 ft (15.16m) below TOC
Water elevation: 215.65 ft (65.73m) msl

WELL BGO 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:24
Depth to water: 47.9 ft (14.60m) below TOC
Water elevation: 217.2 ft (66.20m) msl

WELL BGO 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:25
Depth to water: 42.65 ft (13.00m) below TOC
Water elevation: 222.45 ft (67.80m) msl

WELL BGO 47A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:26
Depth to water: 105.49 ft (32.15m) below TOC
Water elevation: 161.41 ft (49.20m) msl

WELL BGO 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:28
Depth to water: 47.22 ft (14.39m) below TOC
Water elevation: 220.38 ft (67.17m) msl

WELL BGO 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:28
Depth to water: 44.09 ft (13.44m) below TOC
Water elevation: 223.31 ft (68.07m) msl

WELL BGO 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:30
Depth to water: 55.5 ft (16.92m) below TOC
Water elevation: 221.1 ft (67.39m) msl

WELL BGO 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:31
Depth to water: 53.21 ft (16.22m) below TOC
Water elevation: 223.69 ft (68.18m) msl

WELL BGO 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:34
Depth to water: 107.07 ft (32.64m) below TOC
Water elevation: 164.13 ft (50.03m) msl

WELL BGO 49C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:36
Depth to water: 44.29 ft (13.50m) below TOC
Water elevation: 226.81 ft (69.13m) msl

WELL BGO 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 16:37
Depth to water: Not available
Water elevation: Not available

WELL BGO 50A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:20
Depth to water: 95.9 ft (29.23m) below TOC
Water elevation: 159.5 ft (48.62m) msl

WELL BGO 50C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:21
Depth to water: 39.06 ft (11.91m) below TOC
Water elevation: 216.44 ft (65.97m) msl

WELL BGO 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:22
Depth to water: 33.69 ft (10.27m) below TOC
Water elevation: 222.31 ft (67.76m) msl

WELL BGO 51A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:03
Depth to water: 124.76 ft (38.03m) below TOC
Water elevation: 164.54 ft (50.15m) msl

WELL BGO 51AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:06
Depth to water: 122.21 ft (37.25m) below TOC
Water elevation: 166.99 ft (50.90m) msl

WELL BGO 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:04
Depth to water: 59.37 ft (18.10m) below TOC
Water elevation: 229.73 ft (70.02m) msl

WELL BGO 51C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:05
Depth to water: 58.45 ft (17.82m) below TOC
Water elevation: 230.65 ft (70.30m) msl

WELL BGO 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:06
Depth to water: 55.1 ft (16.79m) below TOC
Water elevation: 234.2 ft (71.39m) msl

WELL BGO 52A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:48
Depth to water: 121.48 ft (37.03m) below TOC
Water elevation: 162.92 ft (49.66m) msl

WELL BGO 52AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:46
Depth to water: 122.31 ft (37.28m) below TOC
Water elevation: 162.19 ft (49.44m) msl

WELL BGO 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:49
Depth to water: 56.85 ft (17.33m) below TOC
Water elevation: 227.55 ft (69.36m) msl

WELL BGO 52C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:50
Depth to water: 55.7 ft (16.98m) below TOC
Water elevation: 228.8 ft (69.74m) msl

WELL BGO 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:51
Depth to water: 52.62 ft (16.04m) below TOC
Water elevation: 232.18 ft (70.77m) msl

WELL BGO 53A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:55
Depth to water: 133.25 ft (40.62m) below TOC
Water elevation: 158.15 ft (48.20m) msl

WELL BGO 53AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:54
Depth to water: 134.05 ft (40.86m) below TOC
Water elevation: 157.65 ft (48.05m) msl

WELL BGO 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:56
Depth to water: 71.71 ft (21.86m) below TOC
Water elevation: 219.39 ft (66.87m) msl

WELL BGO 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:57
Depth to water: 70.23 ft (21.41m) below TOC
Water elevation: 220.67 ft (67.26m) msl

WELL BGO 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 9:57
Depth to water: 63.98 ft (19.50m) below TOC
Water elevation: 227.62 ft (69.38m) msl

WELL BGX 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:25
Depth to water: 134.02 ft (40.85m) below TOC
Water elevation: 157.18 ft (47.91m) msl

WELL BGX 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:28
Depth to water: 77.99 ft (23.77m) below TOC
Water elevation: 213.31 ft (65.02m) msl

WELL BGX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:29
Depth to water: 63.67 ft (19.41m) below TOC
Water elevation: 227.63 ft (69.38m) msl

WELL BGX 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:20
Depth to water: 81.78 ft (24.93m) below TOC
Water elevation: 209.52 ft (63.86m) msl

WELL BGX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:22
Depth to water: 78.52 ft (23.93m) below TOC
Water elevation: 212.58 ft (64.80m) msl

WELL BGX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:16
Depth to water: 79.02 ft (24.09m) below TOC
Water elevation: 212.18 ft (64.67m) msl

WELL BGX 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:09
Depth to water: 136.64 ft (41.65m) below TOC
Water elevation: 154.26 ft (47.02m) msl

WELL BGX 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:12
Depth to water: 79.37 ft (24.19m) below TOC
Water elevation: 211.43 ft (64.44m) msl

WELL BGX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:14
Depth to water: 78.38 ft (23.89m) below TOC
Water elevation: 212.52 ft (64.78m) msl

WELL BGX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 14:05
Depth to water: 79.03 ft (24.09m) below TOC
Water elevation: 205.97 ft (62.78m) msl

WELL BGX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:47
Depth to water: 73.9 ft (22.52m) below TOC
Water elevation: 203.1 ft (61.91m) msl

WELL BGX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:43
Depth to water: 76.08 ft (23.19m) below TOC
Water elevation: 203.12 ft (61.91m) msl

WELL BGX 8DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:39
Depth to water: 75.21 ft (22.92m) below TOC
Water elevation: 202.99 ft (61.87m) msl

WELL BGX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:37
Depth to water: 54.21 ft (16.52m) below TOC
Water elevation: 225.19 ft (68.64m) msl

WELL BGX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:35
Depth to water: 52.78 ft (16.09m) below TOC
Water elevation: 224.12 ft (68.31m) msl

WELL BGX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 8:33
Depth to water: 43.58 ft (13.28m) below TOC
Water elevation: 232.72 ft (70.93m) msl

WELL BGX 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 13:57
Depth to water: 42.25 ft (12.88m) below TOC
Water elevation: 232.85 ft (70.97m) msl

WELL BGX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 13:58
Depth to water: 39.32 ft (11.98m) below TOC
Water elevation: 235.88 ft (71.90m) msl

WELL FIW 1ID

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:53
Depth to water: 75.62 ft (23.05m) below TOC
Water elevation: 218.28 ft (66.53m) msl

WELL FIW 1MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:53
Depth to water: 80.43 ft (24.52m) below TOC
Water elevation: 213.27 ft (65.01m) msl

WELL FIW 2IC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:58
Depth to water: 77.6 ft (23.65m) below TOC
Water elevation: 212.9 ft (64.89m) msl

WELL FIW 2MA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:01
Depth to water: 141.69 ft (43.19m) below TOC
Water elevation: 151.01 ft (46.03m) msl

WELL FIW 2MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:04
Depth to water: 73.07 ft (22.27m) below TOC
Water elevation: 212.73 ft (64.84m) msl

WELL FIW 2MD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:00
Depth to water: 73.8 ft (22.49m) below TOC
Water elevation: 217 ft (66.14m) msl

WELL FOB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:20
Depth to water: 63.8 ft (19.45m) below TOC
Water elevation: 194.7 ft (59.35m) msl

WELL FOB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:29
Depth to water: 147.2 ft (44.87m) below TOC
Water elevation: 150.3 ft (45.81m) msl

WELL FOB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:31
Depth to water: 87.85 ft (26.78m) below TOC
Water elevation: 210.05 ft (64.02m) msl

WELL FOB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:26
Depth to water: 81.86 ft (24.95m) below TOC
Water elevation: 212.94 ft (64.90m) msl

WELL FOB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:30
Depth to water: 49.11 ft (14.97m) below TOC
Water elevation: 214.59 ft (65.41m) msl

WELL FSB 50PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:18
Depth to water: 53.52 ft (16.31m) below TOC
Water elevation: 204.48 ft (62.33m) msl

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:45
Depth to water: 76.1 ft (23.20m) below TOC
Water elevation: 218.1 ft (66.48m) msl

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:46
Depth to water: 139.24 ft (42.44m) below TOC
Water elevation: 154.66 ft (47.14m) msl

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:48
Depth to water: 142.82 ft (43.53m) below TOC
Water elevation: 150.98 ft (46.02m) msl

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:51
Depth to water: 80.41 ft (24.51m) below TOC
Water elevation: 213.19 ft (64.98m) msl

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:42
Depth to water: 60.45 ft (18.43m) below TOC
Water elevation: 212.85 ft (64.88m) msl

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:05
Depth to water: 66.08 ft (20.14m) below TOC
Water elevation: 206.52 ft (62.95m) msl

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:32
Depth to water: 117.1 ft (35.69m) below TOC
Water elevation: 155.5 ft (47.40m) msl

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:33
Depth to water: 118.95 ft (36.26m) below TOC
Water elevation: 153.85 ft (46.89m) msl

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:35
Depth to water: 69.93 ft (21.31m) below TOC
Water elevation: 203.57 ft (62.05m) msl

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 21.15 ft (6.45m) below TOC
Water elevation: 196.65 ft (59.94m) msl

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:20
Depth to water: 60.77 ft (18.52m) below TOC
Water elevation: 157.33 ft (47.95m) msl

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:21
Depth to water: 60.68 ft (18.50m) below TOC
Water elevation: 157.52 ft (48.01m) msl

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 23.97 ft (7.31m) below TOC
Water elevation: 194.43 ft (59.26m) msl

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:17
Depth to water: 134.5 ft (41.00m) below TOC
Water elevation: 153.3 ft (46.73m) msl

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:16
Depth to water: 137.32 ft (41.86m) below TOC
Water elevation: 150.18 ft (45.78m) msl

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:15
Depth to water: 78.61 ft (23.96m) below TOC
Water elevation: 208.89 ft (63.67m) msl

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:14
Depth to water: 74.21 ft (22.62m) below TOC
Water elevation: 213.09 ft (64.95m) msl

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:48
Depth to water: 70.05 ft (21.35m) below TOC
Water elevation: 212.95 ft (64.91m) msl

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:49
Depth to water: 65.4 ft (19.93m) below TOC
Water elevation: 217 ft (66.14m) msl

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:44
Depth to water: 68.91 ft (21.00m) below TOC
Water elevation: 212.39 ft (64.74m) msl

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:45
Depth to water: 64.92 ft (19.79m) below TOC
Water elevation: 216.28 ft (65.92m) msl

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:42
Depth to water: 67.65 ft (20.62m) below TOC
Water elevation: 210.75 ft (64.24m) msl

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: Not available
Water elevation: Not available

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:34
Depth to water: 68.48 ft (20.87m) below TOC
Water elevation: 210.82 ft (64.26m) msl

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:36
Depth to water: 65.38 ft (19.93m) below TOC
Water elevation: 213.82 ft (65.17m) msl

WELL FSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:30
Depth to water: 67.28 ft (20.51m) below TOC
Water elevation: 208.42 ft (63.53m) msl

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 64.46 ft (19.65m) below TOC
Water elevation: 211.44 ft (64.45m) msl

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:27
Depth to water: 69.66 ft (21.23m) below TOC
Water elevation: 206.54 ft (62.95m) msl

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:28
Depth to water: 66.77 ft (20.35m) below TOC
Water elevation: 209.33 ft (63.80m) msl

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:30
Depth to water: 76.49 ft (23.31m) below TOC
Water elevation: 204.61 ft (62.37m) msl

WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:00
Depth to water: 72.63 ft (22.14m) below TOC
Water elevation: 207.87 ft (63.36m) msl

WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 80.79 ft (24.63m) below TOC
Water elevation: 203.21 ft (61.94m) msl

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 76.07 ft (23.19m) below TOC
Water elevation: 208.03 ft (63.41m) msl

WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:27
Depth to water: 128.73 ft (39.24m) below TOC
Water elevation: 152.47 ft (46.47m) msl

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:31
Depth to water: 134.7 ft (41.06m) below TOC
Water elevation: 151.4 ft (46.15m) msl

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:08
Depth to water: 79.97 ft (24.38m) below TOC
Water elevation: 206.13 ft (62.83m) msl

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:10
Depth to water: 76.33 ft (23.27m) below TOC
Water elevation: 209.67 ft (63.91m) msl

WELL FSB 98AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:11
Depth to water: 133.1 ft (40.57m) below TOC
Water elevation: 150.9 ft (45.99m) msl

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 76.25 ft (23.24m) below TOC
Water elevation: 208.25 ft (63.48m) msl

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 72.66 ft (22.15m) below TOC
Water elevation: 211.84 ft (64.57m) msl

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:08
Depth to water: 137.52 ft (41.92m) below TOC
Water elevation: 150.08 ft (45.74m) msl

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:07
Depth to water: 77.22 ft (23.54m) below TOC
Water elevation: 210.48 ft (64.16m) msl

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:06
Depth to water: 79.28 ft (24.16m) below TOC
Water elevation: 208.32 ft (63.50m) msl

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:07
Depth to water: 135.18 ft (41.20m) below TOC
Water elevation: 150.82 ft (45.97m) msl

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:06
Depth to water: 134.41 ft (40.97m) below TOC
Water elevation: 150.79 ft (45.96m) msl

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:12
Depth to water: 6.95 ft (2.12m) below TOC
Water elevation: 194.15 ft (59.18m) msl

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:39
Depth to water: 46.65 ft (14.22m) below TOC
Water elevation: 195.75 ft (59.67m) msl

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:42
Depth to water: 23.08 ft (7.03m) below TOC
Water elevation: 196.02 ft (59.75m) msl

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 20.2 ft (6.16m) below TOC
Water elevation: 199 ft (60.66m) msl

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 81.22 ft (24.76m) below TOC
Water elevation: 204.58 ft (62.36m) msl

WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:21
Depth to water: 76.06 ft (23.18m) below TOC
Water elevation: 209.54 ft (63.87m) msl

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:09
Depth to water: 36.3 ft (11.06m) below TOC
Water elevation: 198.8 ft (60.59m) msl

WELL FSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:09
Depth to water: Not available
Water elevation: Not available

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:38
Depth to water: 60.45 ft (18.43m) below TOC
Water elevation: 210.45 ft (64.15m) msl

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:39
Depth to water: 56.9 ft (17.34m) below TOC
Water elevation: 214.1 ft (65.26m) msl

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:43
Depth to water: 79.88 ft (24.35m) below TOC
Water elevation: 218.12 ft (66.48m) msl

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:03
Depth to water: 76.86 ft (23.43m) below TOC
Water elevation: 216.24 ft (65.91m) msl

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:17
Depth to water: 37.58 ft (11.45m) below TOC
Water elevation: 196.92 ft (60.02m) msl

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 33.66 ft (10.26m) below TOC
Water elevation: 200.84 ft (61.22m) msl

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:13
Depth to water: 63.96 ft (19.50m) below TOC
Water elevation: 212.34 ft (64.72m) msl

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:15
Depth to water: 60.88 ft (18.56m) below TOC
Water elevation: 215.72 ft (65.75m) msl

WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:45
Depth to water: 76.69 ft (23.38m) below TOC
Water elevation: 152.41 ft (46.46m) msl

WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:46
Depth to water: 31.6 ft (9.63m) below TOC
Water elevation: 197.5 ft (60.20m) msl

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:47
Depth to water: 28.4 ft (8.66m) below TOC
Water elevation: 201.2 ft (61.33m) msl

WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:00
Depth to water: 64.27 ft (19.59m) below TOC
Water elevation: 158.93 ft (48.44m) msl

WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:01
Depth to water: 22.46 ft (6.85m) below TOC
Water elevation: 200.44 ft (61.09m) msl

WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:02
Depth to water: 17.65 ft (5.38m) below TOC
Water elevation: 204.85 ft (62.44m) msl

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:24
Depth to water: 97.28 ft (29.65m) below TOC
Water elevation: 154.72 ft (47.16m) msl

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:25
Depth to water: 39.17 ft (11.94m) below TOC
Water elevation: 213.03 ft (64.93m) msl

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:27
Depth to water: 35.93 ft (10.95m) below TOC
Water elevation: 216.27 ft (65.92m) msl

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 8:39
Depth to water: 23.55 ft (7.18m) below TOC
Water elevation: 184.25 ft (56.16m) msl

WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 8:40
Depth to water: 18.6 ft (5.67m) below TOC
Water elevation: 189.9 ft (57.88m) msl

WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 8:43
Depth to water: 13.89 ft (4.23m) below TOC
Water elevation: 188.61 ft (57.49m) msl

WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 8:44
Depth to water: 12.34 ft (3.76m) below TOC
Water elevation: 190.56 ft (58.08m) msl

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 29.66 ft (9.04m) below TOC
Water elevation: 201.04 ft (61.28m) msl

WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:05
Depth to water: 33.14 ft (10.10m) below TOC
Water elevation: 210.16 ft (64.06m) msl

WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 12:15
Depth to water: 48.51 ft (14.79m) below TOC
Water elevation: 205.59 ft (62.66m) msl

WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:58
Depth to water: 131.54 ft (40.09m) below TOC
Water elevation: 148.56 ft (45.28m) msl

WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:57
Depth to water: 76.22 ft (23.23m) below TOC
Water elevation: 203.48 ft (62.02m) msl

WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:56
Depth to water: 73.05 ft (22.27m) below TOC
Water elevation: 207.45 ft (63.23m) msl

WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:51
Depth to water: 55.37 ft (16.88m) below TOC
Water elevation: 201.13 ft (61.31m) msl

WELL FSB121DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:50
Depth to water: 51.29 ft (15.63m) below TOC
Water elevation: 204.21 ft (62.24m) msl

WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:51
Depth to water: 21.56 ft (6.57m) below TOC
Water elevation: 196.44 ft (59.88m) msl

WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:52
Depth to water: 17.92 ft (5.46m) below TOC
Water elevation: 199.68 ft (60.86m) msl

WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 8:56
Depth to water: 28.81 ft (8.78m) below TOC
Water elevation: 209.29 ft (63.79m) msl

WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 8:57
Depth to water: 27.49 ft (8.38m) below TOC
Water elevation: 210.61 ft (64.19m) msl

WELL FSB150PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 9:24
Depth to water: 42.22 ft (12.87m) below TOC
Water elevation: 194.58 ft (59.31m) msl

WELL FSB150PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 11:20
Depth to water: 55.05 ft (16.78m) below TOC
Water elevation: 204.35 ft (62.29m) msl

WELL FSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 13:48
Depth to water: 87.87 ft (26.78m) below TOC
Water elevation: 222.93 ft (67.95m) msl

WELL FSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 13:56
Depth to water: 82.08 ft (25.02m) below TOC
Water elevation: 223.72 ft (68.19m) msl

WELL FSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:00
Depth to water: 80.7 ft (24.60m) below TOC
Water elevation: 221.3 ft (67.45m) msl

WELL FSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:01
Depth to water: 78.45 ft (23.91m) below TOC
Water elevation: 215.65 ft (65.73m) msl

WELL FSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:04
Depth to water: 72.2 ft (22.01m) below TOC
Water elevation: 219.6 ft (66.93m) msl

WELL FSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:07
Depth to water: 67.25 ft (20.50m) below TOC
Water elevation: 218.95 ft (66.74m) msl

WELL FSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:40
Depth to water: 69.57 ft (21.21m) below TOC
Water elevation: 218.03 ft (66.46m) msl

WELL FSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:36
Depth to water: 73.1 ft (22.28m) below TOC
Water elevation: 217.7 ft (66.36m) msl

WELL FSL 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 10:33
Depth to water: 68.85 ft (20.99m) below TOC
Water elevation: 217.05 ft (66.16m) msl

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 13:32
Depth to water: 44.79 ft (13.65m) below TOC
Water elevation: 221.21 ft (67.43m) msl

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 13:33
Depth to water: 46.92 ft (14.30m) below TOC
Water elevation: 214.68 ft (65.44m) msl

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 13:35
Depth to water: 39.63 ft (12.08m) below TOC
Water elevation: 218.57 ft (66.62m) msl

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 13:28
Depth to water: 74 ft (22.56m) below TOC
Water elevation: 217.8 ft (66.39m) msl

WELL HIW 1ID

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 9:23
Depth to water: 20.6 ft (6.28m) below TOC
Water elevation: 252.4 ft (76.93m) msl

WELL HIW 1MD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :33
Depth to water: 35.85 ft (10.93m) below TOC
Water elevation: 238.75 ft (72.77m) msl

WELL HIW 1PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :34
Depth to water: 38.58 ft (11.76m) below TOC
Water elevation: 237.82 ft (72.49m) msl

WELL HIW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :54
Depth to water: 111.44 ft (33.97m) below TOC
Water elevation: 166.56 ft (50.77m) msl

WELL HIW 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :55
Depth to water: 43.4 ft (13.23m) below TOC
Water elevation: 234.4 ft (71.45m) msl

WELL HIW 2IC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :55
Depth to water: Not available
Water elevation: Not available

WELL HIW 2IC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 9:22
Depth to water: 37.2 ft (11.34m) below TOC
Water elevation: 239.8 ft (73.09m) msl

WELL HIW 2MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :49
Depth to water: 39.18 ft (11.94m) below TOC
Water elevation: 231.72 ft (70.63m) msl

WELL HIW 3MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:01
Depth to water: 42.86 ft (13.06m) below TOC
Water elevation: 231.14 ft (70.45m) msl

WELL HIW 5MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:11
Depth to water: 38.7 ft (11.80m) below TOC
Water elevation: 229.5 ft (69.95m) msl

WELL HMD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:39
Depth to water: 58.26 ft (17.76m) below TOC
Water elevation: 206.24 ft (62.86m) msl

WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:52
Depth to water: 63.3 ft (19.29m) below TOC
Water elevation: 197.8 ft (60.29m) msl

WELL HMD 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:48
Depth to water: 61.91 ft (18.87m) below TOC
Water elevation: 197.59 ft (60.23m) msl

WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: 10:51
Depth to water: 52.92 ft (16.13m) below TOC
Water elevation: 197.98 ft (60.35m) msl

WELL HSB 50PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:36
Depth to water: 20.11 ft (6.13m) below TOC
Water elevation: 211.59 ft (64.49m) msl

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :30
Depth to water: 36.15 ft (11.02m) below TOC
Water elevation: 235.85 ft (71.89m) msl

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :28
Depth to water: 103.05 ft (31.41m) below TOC
Water elevation: 170.55 ft (51.98m) msl

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :31
Depth to water: 49.81 ft (15.18m) below TOC
Water elevation: 223.89 ft (68.24m) msl

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :31
Depth to water: 36.75 ft (11.20m) below TOC
Water elevation: 236.85 ft (72.19m) msl

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :46
Depth to water: 69.58 ft (21.21m) below TOC
Water elevation: 210.62 ft (64.20m) msl

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:39
Depth to water: 26.1 ft (7.96m) below TOC
Water elevation: 211.7 ft (64.53m) msl

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:09
Depth to water: Not available
Water elevation: Not available

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:09
Depth to water: 78.36 ft (23.88m) below TOC
Water elevation: 171.04 ft (52.13m) msl

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:10
Depth to water: 35.36 ft (10.78m) below TOC
Water elevation: 214.64 ft (65.42m) msl

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:11
Depth to water: 34.78 ft (10.60m) below TOC
Water elevation: 215.32 ft (65.63m) msl

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:18
Depth to water: 21.71 ft (6.62m) below TOC
Water elevation: 214.29 ft (65.32m) msl

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:18
Depth to water: 65.29 ft (19.90m) below TOC
Water elevation: 171.31 ft (52.22m) msl

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:28
Depth to water: 26.95 ft (8.21m) below TOC
Water elevation: 215.85 ft (65.79m) msl

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:29
Depth to water: 24.84 ft (7.57m) below TOC
Water elevation: 218.26 ft (66.53m) msl

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:49
Depth to water: 24.64 ft (7.51m) below TOC
Water elevation: 216.76 ft (66.07m) msl

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:50
Depth to water: 23.55 ft (7.18m) below TOC
Water elevation: 218.05 ft (66.46m) msl

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:30
Depth to water: 64.9 ft (19.78m) below TOC
Water elevation: 172.4 ft (52.55m) msl

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:30
Depth to water: 15.16 ft (4.62m) below TOC
Water elevation: 221.84 ft (67.62m) msl

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:31
Depth to water: 13.3 ft (4.05m) below TOC
Water elevation: 223.8 ft (68.22m) msl

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:32
Depth to water: 13.51 ft (4.12m) below TOC
Water elevation: 223.49 ft (68.12m) msl

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:20
Depth to water: 57.67 ft (17.58m) below TOC
Water elevation: 171.03 ft (52.13m) msl

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:21
Depth to water: 20.45 ft (6.23m) below TOC
Water elevation: 208.45 ft (63.54m) msl

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:21
Depth to water: 18.37 ft (5.60m) below TOC
Water elevation: 210.73 ft (64.23m) msl

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:22
Depth to water: 14.9 ft (4.54m) below TOC
Water elevation: 213.9 ft (65.20m) msl

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:14
Depth to water: 126.33 ft (38.51m) below TOC
Water elevation: 168.07 ft (51.23m) msl

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:17
Depth to water: 61.9 ft (18.87m) below TOC
Water elevation: 232.6 ft (70.90m) msl

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:17
Depth to water: 55.71 ft (16.98m) below TOC
Water elevation: 238.39 ft (72.66m) msl

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:08
Depth to water: 94.48 ft (28.80m) below TOC
Water elevation: 167.92 ft (51.18m) msl

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:09
Depth to water: 44.51 ft (13.57m) below TOC
Water elevation: 217.39 ft (66.26m) msl

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:09
Depth to water: 44.96 ft (13.70m) below TOC
Water elevation: 217.94 ft (66.43m) msl

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:10
Depth to water: 45.1 ft (13.75m) below TOC
Water elevation: 217.9 ft (66.42m) msl

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :23
Depth to water: 34.26 ft (10.44m) below TOC
Water elevation: 225.94 ft (68.87m) msl

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :24
Depth to water: 25.19 ft (7.68m) below TOC
Water elevation: 234.91 ft (71.60m) msl

WELL HSB100PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:35
Depth to water: 20.56 ft (6.27m) below TOC
Water elevation: 209.44 ft (63.84m) msl

WELL HSB100PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:16
Depth to water: 12.35 ft (3.76m) below TOC
Water elevation: 213.65 ft (65.12m) msl

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :20
Depth to water: 27.26 ft (8.31m) below TOC
Water elevation: 231.24 ft (70.48m) msl

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :21
Depth to water: 33.69 ft (10.27m) below TOC
Water elevation: 225.01 ft (68.58m) msl

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :18
Depth to water: 35.09 ft (10.70m) below TOC
Water elevation: 223.91 ft (68.25m) msl

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :19
Depth to water: 30.3 ft (9.24m) below TOC
Water elevation: 228.3 ft (69.59m) msl

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :16
Depth to water: 25.05 ft (7.64m) below TOC
Water elevation: 222.35 ft (67.77m) msl

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :17
Depth to water: 24.51 ft (7.47m) below TOC
Water elevation: 223.09 ft (68.00m) msl

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :14
Depth to water: 29.1 ft (8.87m) below TOC
Water elevation: 218.8 ft (66.69m) msl

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :15
Depth to water: 26.9 ft (8.20m) below TOC
Water elevation: 220.9 ft (67.33m) msl

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :12
Depth to water: 31.79 ft (9.69m) below TOC
Water elevation: 217.71 ft (66.36m) msl

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :14
Depth to water: 27.76 ft (8.46m) below TOC
Water elevation: 221.74 ft (67.59m) msl

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :10
Depth to water: 32.74 ft (9.98m) below TOC
Water elevation: 220.16 ft (67.11m) msl

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :12
Depth to water: 29.9 ft (9.11m) below TOC
Water elevation: 223 ft (67.97m) msl

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: : 7
Depth to water: 44.51 ft (13.57m) below TOC
Water elevation: 217.09 ft (66.17m) msl

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: : 9
Depth to water: 41.5 ft (12.65m) below TOC
Water elevation: 220.8 ft (67.30m) msl

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: : 6
Depth to water: 50.1 ft (15.27m) below TOC
Water elevation: 216.1 ft (65.87m) msl

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: : 7
Depth to water: 47.21 ft (14.39m) below TOC
Water elevation: 219.09 ft (66.78m) msl

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: : 4
Depth to water: 45.3 ft (13.81m) below TOC
Water elevation: 216.3 ft (65.93m) msl

WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: : 5
Depth to water: Not available
Water elevation: Not available

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: : 2
Depth to water: 39.2 ft (11.95m) below TOC
Water elevation: 216.5 ft (65.99m) msl

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: : 2
Depth to water: Not available
Water elevation: Not available

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:59
Depth to water: 39 ft (11.89m) below TOC
Water elevation: 217 ft (66.14m) msl

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 10:00
Depth to water: 40.65 ft (12.39m) below TOC
Water elevation: 215.35 ft (65.64m) msl

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 10:00
Depth to water: Not available
Water elevation: Not available

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:55
Depth to water: 37 ft (11.28m) below TOC
Water elevation: 217.9 ft (66.42m) msl

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:57
Depth to water: 38.32 ft (11.68m) below TOC
Water elevation: 216.78 ft (66.08m) msl

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:57
Depth to water: Not available
Water elevation: Not available

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:53
Depth to water: 43.36 ft (13.22m) below TOC
Water elevation: 217.64 ft (66.34m) msl

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:54
Depth to water: 44.39 ft (13.53m) below TOC
Water elevation: 216.51 ft (65.99m) msl

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:13
Depth to water: Not available
Water elevation: Not available

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:14
Depth to water: 46.4 ft (14.14m) below TOC
Water elevation: 217.6 ft (66.33m) msl

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:03
Depth to water: 50.27 ft (15.32m) below TOC
Water elevation: 219.03 ft (66.76m) msl

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:04
Depth to water: Not available
Water elevation: Not available

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:00
Depth to water: 36.57 ft (11.15m) below TOC
Water elevation: 220.93 ft (67.34m) msl

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 23:00
Depth to water: 36.09 ft (11.00m) below TOC
Water elevation: 220.71 ft (67.27m) msl

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:45
Depth to water: 71.74 ft (21.87m) below TOC
Water elevation: 165.56 ft (50.46m) msl

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:46
Depth to water: 20.81 ft (6.34m) below TOC
Water elevation: 216.59 ft (66.02m) msl

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:47
Depth to water: 19.87 ft (6.06m) below TOC
Water elevation: 217.73 ft (66.36m) msl

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:26
Depth to water: 80.45 ft (24.52m) below TOC
Water elevation: 166.85 ft (50.86m) msl

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 22:57
Depth to water: 90.82 ft (27.68m) below TOC
Water elevation: 166.28 ft (50.68m) msl

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 22:55
Depth to water: 102.64 ft (31.29m) below TOC
Water elevation: 165.56 ft (50.46m) msl

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :43
Depth to water: 103.8 ft (31.64m) below TOC
Water elevation: 170.8 ft (52.06m) msl

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :40
Depth to water: 100.92 ft (30.76m) below TOC
Water elevation: 170.68 ft (52.02m) msl

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :38
Depth to water: 94.11 ft (28.69m) below TOC
Water elevation: 171.59 ft (52.30m) msl

WELL HSB124AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :36
Depth to water: 96.78 ft (29.50m) below TOC
Water elevation: 170.02 ft (51.82m) msl

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:36
Depth to water: 9.6 ft (2.93m) below TOC
Water elevation: 222.3 ft (67.76m) msl

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:37
Depth to water: 11.98 ft (3.65m) below TOC
Water elevation: 219.72 ft (66.97m) msl

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:53
Depth to water: 8.81 ft (2.69m) below TOC
Water elevation: 203.79 ft (62.12m) msl

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:54
Depth to water: 8.15 ft (2.48m) below TOC
Water elevation: 204.55 ft (62.35m) msl

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:06
Depth to water: 17.28 ft (5.27m) below TOC
Water elevation: 208.42 ft (63.53m) msl

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:07
Depth to water: 15.5 ft (4.72m) below TOC
Water elevation: 210.6 ft (64.19m) msl

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:40
Depth to water: 11.28 ft (3.44m) below TOC
Water elevation: 203.82 ft (62.13m) msl

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:41
Depth to water: 8.62 ft (2.63m) below TOC
Water elevation: 206.08 ft (62.81m) msl

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:35
Depth to water: 18.7 ft (5.70m) below TOC
Water elevation: 199.6 ft (60.84m) msl

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:35
Depth to water: 18.93 ft (5.77m) below TOC
Water elevation: 199.67 ft (60.86m) msl

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:49
Depth to water: 8.1 ft (2.47m) below TOC
Water elevation: 203.6 ft (62.06m) msl

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:50
Depth to water: 7.65 ft (2.33m) below TOC
Water elevation: 204.45 ft (62.32m) msl

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:21
Depth to water: 20.36 ft (6.21m) below TOC
Water elevation: 220.14 ft (67.10m) msl

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:22
Depth to water: 21.03 ft (6.41m) below TOC
Water elevation: 219.67 ft (66.96m) msl

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:24
Depth to water: 25.98 ft (7.92m) below TOC
Water elevation: 229.62 ft (69.99m) msl

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:26
Depth to water: 19.91 ft (6.07m) below TOC
Water elevation: 235.39 ft (71.75m) msl

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:47
Depth to water: 18.98 ft (5.79m) below TOC
Water elevation: 219.42 ft (66.88m) msl

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:29
Depth to water: 19.82 ft (6.04m) below TOC
Water elevation: 218.28 ft (66.53m) msl

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:13
Depth to water: 26.22 ft (7.99m) below TOC
Water elevation: 205.78 ft (62.72m) msl

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:14
Depth to water: 18.69 ft (5.70m) below TOC
Water elevation: 213.61 ft (65.11m) msl

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:32
Depth to water: 16.41 ft (5.00m) below TOC
Water elevation: 211.49 ft (64.46m) msl

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:33
Depth to water: 13.7 ft (4.18m) below TOC
Water elevation: 214.3 ft (65.32m) msl

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:37
Depth to water: 22.15 ft (6.75m) below TOC
Water elevation: 213.85 ft (65.18m) msl

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:38
Depth to water: 20.68 ft (6.30m) below TOC
Water elevation: 215.92 ft (65.81m) msl

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:05
Depth to water: 32.67 ft (9.96m) below TOC
Water elevation: 219.73 ft (66.97m) msl

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:01
Depth to water: 60.9 ft (18.56m) below TOC
Water elevation: 172.8 ft (52.67m) msl

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:02
Depth to water: 21.75 ft (6.63m) below TOC
Water elevation: 212.05 ft (64.63m) msl

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:02
Depth to water: 17.51 ft (5.34m) below TOC
Water elevation: 216.29 ft (65.93m) msl

WELL HSB140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:45
Depth to water: 61.38 ft (18.71m) below TOC
Water elevation: 174.52 ft (53.19m) msl

WELL HSB140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:46
Depth to water: 30.61 ft (9.33m) below TOC
Water elevation: 204.99 ft (62.48m) msl

WELL HSB140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:46
Depth to water: 24.65 ft (7.51m) below TOC
Water elevation: 211.55 ft (64.48m) msl

WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:17
Depth to water: 80.68 ft (24.59m) below TOC
Water elevation: 173.92 ft (53.01m) msl

WELL HSB141CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:18
Depth to water: 27.95 ft (8.52m) below TOC
Water elevation: 226.35 ft (68.99m) msl

WELL HSB141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:19
Depth to water: 21.41 ft (6.53m) below TOC
Water elevation: 233.39 ft (71.14m) msl

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:53
Depth to water: 6.18 ft (1.88m) below TOC
Water elevation: 197.82 ft (60.30m) msl

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:54
Depth to water: 7.38 ft (2.25m) below TOC
Water elevation: 196.82 ft (59.99m) msl

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 8:51
Depth to water: 14.85 ft (4.53m) below TOC
Water elevation: 207.35 ft (63.20m) msl

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 8:51
Depth to water: 12.14 ft (3.70m) below TOC
Water elevation: 210.76 ft (64.24m) msl

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:24
Depth to water: 65.85 ft (20.07m) below TOC
Water elevation: 169.75 ft (51.74m) msl

WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:57
Depth to water: 21.51 ft (6.56m) below TOC
Water elevation: 214.69 ft (65.44m) msl

WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:56
Depth to water: 23.91 ft (7.29m) below TOC
Water elevation: 212.29 ft (64.71m) msl

WELL HSB146A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:12
Depth to water: 76.68 ft (23.37m) below TOC
Water elevation: 174.92 ft (53.32m) msl

WELL HSB146C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:13
Depth to water: 43.45 ft (13.24m) below TOC
Water elevation: 208.85 ft (63.66m) msl

WELL HSB146D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:14
Depth to water: 33.71 ft (10.27m) below TOC
Water elevation: 219.39 ft (66.87m) msl

WELL HSB147D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:08
Depth to water: 40.78 ft (12.43m) below TOC
Water elevation: 226.52 ft (69.04m) msl

WELL HSB148C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:39
Depth to water: 49.9 ft (15.21m) below TOC
Water elevation: 201 ft (61.27m) msl

WELL HSB148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 3:40
Depth to water: 39.91 ft (12.16m) below TOC
Water elevation: 211.19 ft (64.37m) msl

WELL HSB149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:04
Depth to water: 22.61 ft (6.89m) below TOC
Water elevation: 217.39 ft (66.26m) msl

WELL HSB150D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 1:33
Depth to water: 14.46 ft (4.41m) below TOC
Water elevation: 224.54 ft (68.44m) msl

WELL HSB150PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:43
Depth to water: 19 ft (5.79m) below TOC
Water elevation: 212.7 ft (64.83m) msl

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:55
Depth to water: 7.67 ft (2.34m) below TOC
Water elevation: 205.93 ft (62.77m) msl

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 4:57
Depth to water: 8.48 ft (2.58m) below TOC
Water elevation: 205.12 ft (62.52m) msl

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:00
Depth to water: 15.97 ft (4.87m) below TOC
Water elevation: 198.13 ft (60.39m) msl

WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:00
Depth to water: Not available
Water elevation: Not available

WELL HSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: :25
Depth to water: 28.1 ft (8.56m) below TOC
Water elevation: 235.9 ft (71.90m) msl

WELL HSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:34
Depth to water: 24.81 ft (7.56m) below TOC
Water elevation: 240.69 ft (73.36m) msl

WELL HSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:32
Depth to water: 20.22 ft (6.16m) below TOC
Water elevation: 247.38 ft (75.40m) msl

WELL HSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:29
Depth to water: 14.75 ft (4.50m) below TOC
Water elevation: 258.45 ft (78.78m) msl

WELL HSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:26
Depth to water: 12.56 ft (3.83m) below TOC
Water elevation: 264.04 ft (80.48m) msl

WELL HSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:25
Depth to water: 23.87 ft (7.28m) below TOC
Water elevation: 256.13 ft (78.07m) msl

WELL HSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:23
Depth to water: 27.2 ft (8.29m) below TOC
Water elevation: 256.6 ft (78.21m) msl

WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 5:21
Depth to water: 30.68 ft (9.35m) below TOC
Water elevation: 258.02 ft (78.65m) msl

WELL LFW 6R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:17
Depth to water: 18.3 ft (5.58m) below TOC
Water elevation: 151.9 ft (46.30m) msl

WELL LFW 8R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:24
Depth to water: 22.41 ft (6.83m) below TOC
Water elevation: 148.19 ft (45.17m) msl

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:13
Depth to water: 31.1 ft (9.48m) below TOC
Water elevation: 152.8 ft (46.57m) msl

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99 Time: 15:12
Depth to water: 36.46 ft (11.11m) below TOC
Water elevation: 148.64 ft (45.31m) msl

WELL LFW 23R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:14
Depth to water: 22.07 ft (6.73m) below TOC
Water elevation: 148.23 ft (45.18m) msl

WELL LFW 36R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:27
Depth to water: 23.25 ft (7.09m) below TOC
Water elevation: 142.95 ft (43.57m) msl

WELL LFW 41R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:13
Depth to water: 28.2 ft (8.60m) below TOC
Water elevation: 141.5 ft (43.13m) msl

WELL LFW 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:22
Depth to water: 39.36 ft (12.00m) below TOC
Water elevation: 163.64 ft (49.88m) msl

WELL LFW 43C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:23
Depth to water: 38.93 ft (11.87m) below TOC
Water elevation: 163.67 ft (49.89m) msl

WELL LFW 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:24
Depth to water: 38.98 ft (11.88m) below TOC
Water elevation: 163.92 ft (49.96m) msl

WELL LFW 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:19
Depth to water: 15.38 ft (4.69m) below TOC
Water elevation: 150.92 ft (46.00m) msl

WELL LFW 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:21
Depth to water: 13.51 ft (4.12m) below TOC
Water elevation: 148.19 ft (45.17m) msl

WELL LFW 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:30
Depth to water: 13.58 ft (4.14m) below TOC
Water elevation: 144.52 ft (44.05m) msl

WELL LFW 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:37
Depth to water: 26.68 ft (8.13m) below TOC
Water elevation: 140.92 ft (42.95m) msl

WELL LFW 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:42
Depth to water: 25.97 ft (7.92m) below TOC
Water elevation: 141.63 ft (43.17m) msl

WELL LFW 60C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:56
Depth to water: 19.98 ft (6.09m) below TOC
Water elevation: 137.22 ft (41.83m) msl

WELL LFW 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:57
Depth to water: 19.5 ft (5.94m) below TOC
Water elevation: 137.6 ft (41.94m) msl

WELL LFW 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:12
Depth to water: 26.33 ft (8.03m) below TOC
Water elevation: 141.97 ft (43.27m) msl

WELL LFW 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:39
Depth to water: 23 ft (7.01m) below TOC
Water elevation: 141.8 ft (43.22m) msl

WELL LFW 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:34
Depth to water: 28.5 ft (8.69m) below TOC
Water elevation: 139.3 ft (42.46m) msl

WELL LFW 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:35
Depth to water: 28.85 ft (8.79m) below TOC
Water elevation: 139.25 ft (42.44m) msl

WELL LFW 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:35
Depth to water: 28.69 ft (8.74m) below TOC
Water elevation: 139.61 ft (42.55m) msl

WELL LFW 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:51
Depth to water: 12.84 ft (3.91m) below TOC
Water elevation: 139.36 ft (42.48m) msl

WELL LFW 64D

MEASUREMENTS.CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:52
Depth to water: 12.77 ft (3.89m) below TOC
Water elevation: 139.43 ft (42.50m) msl

WELL LFW 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:44
Depth to water: 10.93 ft (3.33m) below TOC
Water elevation: 137.27 ft (41.84m) msl

WELL LFW 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:45
Depth to water: 11.04 ft (3.37m) below TOC
Water elevation: 137.16 ft (41.81m) msl

WELL LFW 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:46
Depth to water: 11.27 ft (3.44m) below TOC
Water elevation: 137.13 ft (41.80m) msl

WELL LFW 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:04
Depth to water: 19.53 ft (5.95m) below TOC
Water elevation: 138.17 ft (42.11m) msl

WELL LFW 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:05
Depth to water: 19.46 ft (5.93m) below TOC
Water elevation: 137.64 ft (41.95m) msl

WELL LFW 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:05
Depth to water: 18.1 ft (5.52m) below TOC
Water elevation: 139.6 ft (42.55m) msl

WELL LFW 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:10
Depth to water: 21.02 ft (6.41m) below TOC
Water elevation: 140.38 ft (42.79m) msl

WELL LFW 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:49
Depth to water: 8.93 ft (2.72m) below TOC
Water elevation: 137.07 ft (41.78m) msl

WELL LFW 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 14:49
Depth to water: 8.81 ft (2.69m) below TOC
Water elevation: 137.29 ft (41.85m) msl

WELL LFW 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:00
Depth to water: 9.98 ft (3.04m) below TOC
Water elevation: 137.02 ft (41.76m) msl

WELL LFW 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:01
Depth to water: 10.2 ft (3.11m) below TOC
Water elevation: 137 ft (41.76m) msl

WELL LFW 71D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: 15:01
Depth to water: 11.1 ft (3.38m) below TOC
Water elevation: 136.3 ft (41.54m) msl

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 14:24
Depth to water: 104.62 ft (31.89m) below TOC
Water elevation: 223.78 ft (68.21m) msl

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 14:18
Depth to water: 144.68 ft (44.10m) below TOC
Water elevation: 194.42 ft (59.26m) msl

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 14:13
Depth to water: 137.02 ft (41.76m) below TOC
Water elevation: 195.08 ft (59.46m) msl

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 14:20
Depth to water: 144.18 ft (43.95m) below TOC
Water elevation: 193.52 ft (58.99m) msl

WELL MCB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 14:15
Depth to water: 119.93 ft (36.56m) below TOC
Water elevation: 222.97 ft (67.96m) msl

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:19
Depth to water: 145.65 ft (44.39m) below TOC
Water elevation: 209.15 ft (63.75m) msl

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:17
Depth to water: 139.67 ft (42.57m) below TOC
Water elevation: 215.43 ft (65.66m) msl

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:18
Depth to water: 137.71 ft (41.97m) below TOC
Water elevation: 217.19 ft (66.20m) msl

WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:20
Depth to water: 126.1 ft (38.44m) below TOC
Water elevation: 228.7 ft (69.71m) msl

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:40
Depth to water: 137.95 ft (42.05m) below TOC
Water elevation: 216.75 ft (66.07m) msl

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:36
Depth to water: Not available
Water elevation: Not available

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:31
Depth to water: 147.74 ft (45.03m) below TOC
Water elevation: 207.56 ft (63.27m) msl

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:31
Depth to water: 141.41 ft (43.10m) below TOC
Water elevation: 213.79 ft (65.16m) msl

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:21
Depth to water: 118.05 ft (35.98m) below TOC
Water elevation: 226.55 ft (69.05m) msl

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:21
Depth to water: 136.01 ft (41.46m) below TOC
Water elevation: 208.99 ft (63.70m) msl

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:22
Depth to water: 123.1 ft (37.52m) below TOC
Water elevation: 222.1 ft (67.70m) msl

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:15
Depth to water: 117.51 ft (35.82m) below TOC
Water elevation: 226.29 ft (68.97m) msl

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:15
Depth to water: 137.6 ft (41.94m) below TOC
Water elevation: 206.3 ft (62.88m) msl

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:12
Depth to water: 117.05 ft (35.68m) below TOC
Water elevation: 227.25 ft (69.27m) msl

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:12
Depth to water: 137.28 ft (41.84m) below TOC
Water elevation: 206.82 ft (63.04m) msl

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:38
Depth to water: 115.86 ft (35.31m) below TOC
Water elevation: 228.34 ft (69.60m) msl

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:38
Depth to water: 135.46 ft (41.29m) below TOC
Water elevation: 208.44 ft (63.53m) msl

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:39
Depth to water: 124.85 ft (38.05m) below TOC
Water elevation: 219.15 ft (66.80m) msl

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:28
Depth to water: 149.4 ft (45.54m) below TOC
Water elevation: 209.7 ft (63.92m) msl

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:53
Depth to water: 146.76 ft (44.73m) below TOC
Water elevation: 210.44 ft (64.14m) msl

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:54
Depth to water: 144.88 ft (44.16m) below TOC
Water elevation: 212.72 ft (64.84m) msl

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:44
Depth to water: 154.12 ft (46.98m) below TOC
Water elevation: 211.28 ft (64.40m) msl

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:46
Depth to water: 147.1 ft (44.84m) below TOC
Water elevation: 218.4 ft (66.57m) msl

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:44
Depth to water: 137.1 ft (41.79m) below TOC
Water elevation: 228.5 ft (69.65m) msl

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:57
Depth to water: 139.28 ft (42.45m) below TOC
Water elevation: 210.42 ft (64.14m) msl

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:59
Depth to water: 132.19 ft (40.29m) below TOC
Water elevation: 218.11 ft (66.48m) msl

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:58
Depth to water: 157.5 ft (48.01m) below TOC
Water elevation: 192.5 ft (58.67m) msl

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:25
Depth to water: 123.36 ft (37.60m) below TOC
Water elevation: 223.54 ft (68.14m) msl

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:25
Depth to water: 120.6 ft (36.76m) below TOC
Water elevation: 227 ft (69.19m) msl

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:15
Depth to water: 133.76 ft (40.77m) below TOC
Water elevation: 214.94 ft (65.51m) msl

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:49
Depth to water: 149.36 ft (45.53m) below TOC
Water elevation: 218.34 ft (66.55m) msl

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:48
Depth to water: 156.98 ft (47.85m) below TOC
Water elevation: 212.22 ft (64.69m) msl

WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:50
Depth to water: Not available
Water elevation: Not available

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:48
Depth to water: 131.25 ft (40.01m) below TOC
Water elevation: 237.25 ft (72.31m) msl

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:20
Depth to water: 150.35 ft (45.83m) below TOC
Water elevation: 217.15 ft (66.19m) msl

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:20
Depth to water: 138.78 ft (42.30m) below TOC
Water elevation: 228.82 ft (69.75m) msl

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:02
Depth to water: 147.05 ft (44.82m) below TOC
Water elevation: 211.95 ft (64.60m) msl

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:08
Depth to water: 130.01 ft (39.63m) below TOC
Water elevation: 211.89 ft (64.58m) msl

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:09
Depth to water: 121.21 ft (36.95m) below TOC
Water elevation: 220.89 ft (67.33m) msl

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:39
Depth to water: Not available
Water elevation: Not available

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:38
Depth to water: 84.9 ft (25.88m) below TOC
Water elevation: 215.5 ft (65.69m) msl

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:38
Depth to water: 66.98 ft (20.42m) below TOC
Water elevation: 233.82 ft (71.27m) msl

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:49
Depth to water: 137.37 ft (41.87m) below TOC
Water elevation: 217.93 ft (66.43m) msl

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:50
Depth to water: 128.72 ft (39.23m) below TOC
Water elevation: 225.98 ft (68.88m) msl

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:53
Depth to water: 134.98 ft (41.14m) below TOC
Water elevation: 219.82 ft (67.00m) msl

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:54
Depth to water: 135.8 ft (41.39m) below TOC
Water elevation: 219.2 ft (66.81m) msl

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:54
Depth to water: 126.72 ft (38.62m) below TOC
Water elevation: 228.08 ft (69.52m) msl

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:52
Depth to water: 161.6 ft (49.26m) below TOC
Water elevation: 193 ft (58.83m) msl

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:28
Depth to water: 150.92 ft (46.00m) below TOC
Water elevation: 220.68 ft (67.26m) msl

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:29
Depth to water: 173.02 ft (52.74m) below TOC
Water elevation: 199.88 ft (60.92m) msl

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:33
Depth to water: 146.52 ft (44.66m) below TOC
Water elevation: 233.68 ft (71.23m) msl

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:32
Depth to water: 158.7 ft (48.37m) below TOC
Water elevation: 222.9 ft (67.94m) msl

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:23
Depth to water: Not available
Water elevation: Not available

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:24
Depth to water: 152.45 ft (46.47m) below TOC
Water elevation: 213.95 ft (65.21m) msl

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:16
Depth to water: 132.3 ft (40.33m) below TOC
Water elevation: 229.4 ft (69.92m) msl

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:16
Depth to water: 146.1 ft (44.53m) below TOC
Water elevation: 216.7 ft (66.05m) msl

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:38
Depth to water: Not available
Water elevation: Not available

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:36
Depth to water: 153.62 ft (46.82m) below TOC
Water elevation: 223.18 ft (68.03m) msl

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:37
Depth to water: 176.89 ft (53.92m) below TOC
Water elevation: 199.71 ft (60.87m) msl

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:58
Depth to water: 126.05 ft (38.42m) below TOC
Water elevation: 228.75 ft (69.72m) msl

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:58
Depth to water: 132.86 ft (40.50m) below TOC
Water elevation: 222.14 ft (67.71m) msl

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:16
Depth to water: 147.23 ft (44.88m) below TOC
Water elevation: 217.97 ft (66.44m) msl

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:17
Depth to water: 142.5 ft (43.43m) below TOC
Water elevation: 222.5 ft (67.82m) msl

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:18
Depth to water: 136.3 ft (41.54m) below TOC
Water elevation: 228.7 ft (69.71m) msl

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:15
Depth to water: 154.16 ft (46.99m) below TOC
Water elevation: 210.84 ft (64.26m) msl

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:05
Depth to water: 157.62 ft (48.04m) below TOC
Water elevation: 197.38 ft (60.16m) msl

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:02
Depth to water: 130.3 ft (39.72m) below TOC
Water elevation: 222.7 ft (67.88m) msl

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:02
Depth to water: 129.47 ft (39.46m) below TOC
Water elevation: 224.03 ft (68.29m) msl

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:04
Depth to water: 125.31 ft (38.19m) below TOC
Water elevation: 229.29 ft (69.89m) msl

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:03
Depth to water: 130.14 ft (39.67m) below TOC
Water elevation: 223.86 ft (68.23m) msl

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:19
Depth to water: 151.28 ft (46.11m) below TOC
Water elevation: 196.82 ft (59.99m) msl

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:18
Depth to water: 136.7 ft (41.67m) below TOC
Water elevation: 211.6 ft (64.50m) msl

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:18
Depth to water: 116.79 ft (35.60m) below TOC
Water elevation: 231.31 ft (70.50m) msl

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:17
Depth to water: 136.75 ft (41.68m) below TOC
Water elevation: 211.85 ft (64.57m) msl

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:42
Depth to water: 32.55 ft (9.92m) below TOC
Water elevation: 222.55 ft (67.83m) msl

WELL MSB 32B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:42
Depth to water: 44.92 ft (13.69m) below TOC
Water elevation: 210.48 ft (64.16m) msl

WELL MSB 32C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:43
Depth to water: 40.34 ft (12.30m) below TOC
Water elevation: 215.36 ft (65.64m) msl

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:40
Depth to water: 39.88 ft (12.16m) below TOC
Water elevation: 216.02 ft (65.84m) msl

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:41
Depth to water: 51.15 ft (15.59m) below TOC
Water elevation: 204.25 ft (62.26m) msl

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:41
Depth to water: 48.15 ft (14.68m) below TOC
Water elevation: 206.85 ft (63.05m) msl

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:42
Depth to water: 45.25 ft (13.79m) below TOC
Water elevation: 210.05 ft (64.02m) msl

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:40
Depth to water: 60.88 ft (18.56m) below TOC
Water elevation: 194.62 ft (59.32m) msl

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:32
Depth to water: 167.5 ft (51.05m) below TOC
Water elevation: 216.5 ft (65.99m) msl

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:31
Depth to water: 159.21 ft (48.53m) below TOC
Water elevation: 224.79 ft (68.52m) msl

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:30
Depth to water: 155.07 ft (47.27m) below TOC
Water elevation: 228.83 ft (69.75m) msl

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:29
Depth to water: 182.7 ft (55.69m) below TOC
Water elevation: 200.7 ft (61.17m) msl

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:28
Depth to water: 135.56 ft (41.32m) below TOC
Water elevation: 215.34 ft (65.64m) msl

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:29
Depth to water: 133.5 ft (40.69m) below TOC
Water elevation: 218.1 ft (66.48m) msl

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:29
Depth to water: Not available
Water elevation: Not available

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:27
Depth to water: 151.57 ft (46.20m) below TOC
Water elevation: 198.73 ft (60.57m) msl

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:32
Depth to water: 130.74 ft (39.85m) below TOC
Water elevation: 209.86 ft (63.97m) msl

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:33
Depth to water: 127.26 ft (38.79m) below TOC
Water elevation: 213.54 ft (65.09m) msl

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:35
Depth to water: Not available
Water elevation: Not available

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:35
Depth to water: 108.4 ft (33.04m) below TOC
Water elevation: 233.2 ft (71.08m) msl

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:30
Depth to water: 146.59 ft (44.68m) below TOC
Water elevation: 194.01 ft (59.13m) msl

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:38
Depth to water: 165.35 ft (50.40m) below TOC
Water elevation: 217.35 ft (66.25m) msl

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:39
Depth to water: 156.8 ft (47.79m) below TOC
Water elevation: 226.2 ft (68.95m) msl

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:37
Depth to water: 176.67 ft (53.85m) below TOC
Water elevation: 205.63 ft (62.68m) msl

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:08
Depth to water: 145.32 ft (44.29m) below TOC
Water elevation: 213.68 ft (65.13m) msl

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:07
Depth to water: 141.87 ft (43.24m) below TOC
Water elevation: 216.93 ft (66.12m) msl

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:06
Depth to water: 162.29 ft (49.47m) below TOC
Water elevation: 196.81 ft (59.99m) msl

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:19
Depth to water: 132.48 ft (40.38m) below TOC
Water elevation: 209.12 ft (63.74m) msl

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:20
Depth to water: 130.22 ft (39.69m) below TOC
Water elevation: 211.58 ft (64.49m) msl

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:21
Depth to water: 126.73 ft (38.63m) below TOC
Water elevation: 214.77 ft (65.46m) msl

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:22
Depth to water: 111.22 ft (33.90m) below TOC
Water elevation: 230.58 ft (70.28m) msl

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:19
Depth to water: 150.05 ft (45.74m) below TOC
Water elevation: 191.75 ft (58.45m) msl

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 11:00
Depth to water: 118.85 ft (36.23m) below TOC
Water elevation: 202.35 ft (61.68m) msl

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 11:01
Depth to water: 117.86 ft (35.92m) below TOC
Water elevation: 203.84 ft (62.13m) msl

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 11:02
Depth to water: 118.11 ft (36.00m) below TOC
Water elevation: 203.89 ft (62.15m) msl

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 11:02
Depth to water: 96.25 ft (29.34m) below TOC
Water elevation: 226.65 ft (69.08m) msl

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 11:00
Depth to water: 131.94 ft (40.22m) below TOC
Water elevation: 188.96 ft (57.60m) msl

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:13
Depth to water: 107.5 ft (32.77m) below TOC
Water elevation: 216.3 ft (65.93m) msl

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:14
Depth to water: 107.5 ft (32.77m) below TOC
Water elevation: 216.5 ft (65.99m) msl

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:14
Depth to water: 107.72 ft (32.83m) below TOC
Water elevation: 216.88 ft (66.11m) msl

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:15
Depth to water: 83.98 ft (25.60m) below TOC
Water elevation: 241.02 ft (73.46m) msl

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:12
Depth to water: 118 ft (35.97m) below TOC
Water elevation: 205.7 ft (62.70m) msl

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:54
Depth to water: 158.95 ft (48.45m) below TOC
Water elevation: 217.55 ft (66.31m) msl

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:55
Depth to water: 152.73 ft (46.55m) below TOC
Water elevation: 223.67 ft (68.18m) msl

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:56
Depth to water: 147.44 ft (44.94m) below TOC
Water elevation: 228.96 ft (69.79m) msl

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 14:56
Depth to water: 146.33 ft (44.60m) below TOC
Water elevation: 230.07 ft (70.13m) msl

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99
Depth to water: 172.4 ft (52.55m) below TOC
Water elevation: 204.2 ft (62.24m) msl
Time: 14:53

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99
Depth to water: 129.99 ft (39.62m) below TOC
Water elevation: 227.71 ft (69.41m) msl
Time: 10:22

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99
Depth to water: 129.95 ft (39.61m) below TOC
Water elevation: 227.85 ft (69.45m) msl
Time: 10:22

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99
Depth to water: 127.98 ft (39.01m) below TOC
Water elevation: 230.02 ft (70.11m) msl
Time: 10:23

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99
Depth to water: 155.57 ft (47.42m) below TOC
Water elevation: 201.93 ft (61.55m) msl
Time: 10:21

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 160.68 ft (48.98m) below TOC
Water elevation: 216.22 ft (65.90m) msl
Time: 13:45

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 166.76 ft (50.83m) below TOC
Water elevation: 214.04 ft (65.24m) msl
Time: 14:00

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 157 ft (47.85m) below TOC
Water elevation: 223.9 ft (68.25m) msl
Time: 13:59

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: Not available
Water elevation: Not available
Time: 14:00

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 158.78 ft (48.40m) below TOC
Water elevation: 213.82 ft (65.17m) msl
Time: 13:53

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 147.7 ft (45.02m) below TOC
Water elevation: 225.9 ft (68.86m) msl
Time: 13:51

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: Not available
Water elevation: Not available
Time: 13:53

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 145.5 ft (44.35m) below TOC
Water elevation: 223.2 ft (68.03m) msl
Time: 11:29

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 137.96 ft (42.05m) below TOC
Water elevation: 231.04 ft (70.42m) msl
Time: 11:30

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 136.61 ft (41.64m) below TOC
Water elevation: 232.19 ft (70.77m) msl
Time: 11:33

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 153.67 ft (46.84m) below TOC
Water elevation: 215.03 ft (65.54m) msl
Time: 11:28

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:18
Depth to water: 140.36 ft (42.78m) below TOC
Water elevation: 221.24 ft (67.43m) msl

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:17
Depth to water: 138.6 ft (42.25m) below TOC
Water elevation: 222.8 ft (67.91m) msl

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:20
Depth to water: 139.07 ft (42.39m) below TOC
Water elevation: 223.23 ft (68.04m) msl

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:21
Depth to water: 130.84 ft (39.88m) below TOC
Water elevation: 231.76 ft (70.64m) msl

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:19
Depth to water: 140.81 ft (42.92m) below TOC
Water elevation: 221.09 ft (67.39m) msl

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:35
Depth to water: 137.82 ft (42.01m) below TOC
Water elevation: 196.88 ft (60.01m) msl

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:36
Depth to water: 131.43 ft (40.06m) below TOC
Water elevation: 202.67 ft (61.77m) msl

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:37
Depth to water: 106.12 ft (32.35m) below TOC
Water elevation: 228.18 ft (69.55m) msl

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:00
Depth to water: 21.92 ft (6.68m) below TOC
Water elevation: 201.78 ft (61.50m) msl

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:52
Depth to water: 58.97 ft (17.97m) below TOC
Water elevation: 204.23 ft (62.25m) msl

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:53
Depth to water: 52.6 ft (16.03m) below TOC
Water elevation: 209.6 ft (63.89m) msl

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:09
Depth to water: 103.45 ft (31.53m) below TOC
Water elevation: 218.25 ft (66.52m) msl

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:08
Depth to water: 85.93 ft (26.19m) below TOC
Water elevation: 235.67 ft (71.83m) msl

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:31
Depth to water: 123.56 ft (37.66m) below TOC
Water elevation: 220.74 ft (67.28m) msl

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:32
Depth to water: 123.55 ft (37.66m) below TOC
Water elevation: 221.65 ft (67.56m) msl

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:32
Depth to water: 112.5 ft (34.29m) below TOC
Water elevation: 232.3 ft (70.81m) msl

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:45
Depth to water: 152.32 ft (46.43m) below TOC
Water elevation: 221.08 ft (67.39m) msl

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:46
Depth to water: 147.92 ft (45.09m) below TOC
Water elevation: 225.48 ft (68.73m) msl

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:43
Depth to water: 141.45 ft (43.11m) below TOC
Water elevation: 232.15 ft (70.76m) msl

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:44
Depth to water: 154.89 ft (47.21m) below TOC
Water elevation: 218.61 ft (66.63m) msl

WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:24
Depth to water: 148.13 ft (45.15m) below TOC
Water elevation: 220.57 ft (67.23m) msl

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:26
Depth to water: 141.38 ft (43.09m) below TOC
Water elevation: 228.02 ft (69.50m) msl

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:28
Depth to water: 134.99 ft (41.15m) below TOC
Water elevation: 232.71 ft (70.93m) msl

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:26
Depth to water: 136.96 ft (41.75m) below TOC
Water elevation: 231.74 ft (70.64m) msl

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:27
Depth to water: 155.5 ft (47.40m) below TOC
Water elevation: 213.2 ft (64.98m) msl

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 9:44
Depth to water: 59.87 ft (18.25m) below TOC
Water elevation: 219.63 ft (66.94m) msl

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:41
Depth to water: 126.8 ft (38.65m) below TOC
Water elevation: 229.4 ft (69.92m) msl

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:36
Depth to water: 128.9 ft (39.29m) below TOC
Water elevation: 229 ft (69.80m) msl

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:34
Depth to water: 131.01 ft (39.93m) below TOC
Water elevation: 228.29 ft (69.58m) msl

WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:22
Depth to water: 125.94 ft (38.39m) below TOC
Water elevation: 228.56 ft (69.67m) msl

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:30
Depth to water: 139.73 ft (42.59m) below TOC
Water elevation: 209.37 ft (63.82m) msl

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:31
Depth to water: 127.05 ft (38.73m) below TOC
Water elevation: 222.05 ft (67.68m) msl

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:32
Depth to water: 121.72 ft (37.10m) below TOC
Water elevation: 227.78 ft (69.43m) msl

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:34
Depth to water: 137.75 ft (41.99m) below TOC
Water elevation: 209.15 ft (63.75m) msl

WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:35
Depth to water: 127.6 ft (38.89m) below TOC
Water elevation: 219.4 ft (66.87m) msl

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:36
Depth to water: 118.58 ft (36.14m) below TOC
Water elevation: 228.22 ft (69.56m) msl

WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:19
Depth to water: 140.25 ft (42.75m) below TOC
Water elevation: 208.05 ft (63.41m) msl

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:18
Depth to water: 122.6 ft (37.37m) below TOC
Water elevation: 226 ft (68.89m) msl

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 11:12
Depth to water: 118.42 ft (36.09m) below TOC
Water elevation: 230.78 ft (70.34m) msl

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:22
Depth to water: 166.1 ft (50.63m) below TOC
Water elevation: 217.3 ft (66.23m) msl

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:20
Depth to water: 156.74 ft (47.77m) below TOC
Water elevation: 226.66 ft (69.09m) msl

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:20
Depth to water: 153.87 ft (46.90m) below TOC
Water elevation: 229.33 ft (69.90m) msl

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:25
Depth to water: 172.6 ft (52.61m) below TOC
Water elevation: 210.1 ft (64.04m) msl

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:12
Depth to water: Not available
Water elevation: Not available

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:07
Depth to water: 139.7 ft (42.58m) below TOC
Water elevation: 217.2 ft (66.20m) msl

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 13:08
Depth to water: 134.09 ft (40.87m) below TOC
Water elevation: 222.61 ft (67.85m) msl

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:58
Depth to water: 162.25 ft (49.45m) below TOC
Water elevation: 219.25 ft (66.83m) msl

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:00
Depth to water: 155.69 ft (47.45m) below TOC
Water elevation: 225.91 ft (68.86m) msl

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:02
Depth to water: 149.84 ft (45.67m) below TOC
Water elevation: 232.16 ft (70.76m) msl

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:57
Depth to water: 167.28 ft (50.99m) below TOC
Water elevation: 214.12 ft (65.26m) msl

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 12:04
Depth to water: 145.03 ft (44.21m) below TOC
Water elevation: 216.77 ft (66.07m) msl

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:39
Depth to water: 128.51 ft (39.17m) below TOC
Water elevation: 216.19 ft (65.90m) msl

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:57
Depth to water: 128.98 ft (39.31m) below TOC
Water elevation: 199.22 ft (60.72m) msl

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:33
Depth to water: 138.44 ft (42.20m) below TOC
Water elevation: 201.16 ft (61.31m) msl

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:46
Depth to water: 104.44 ft (31.83m) below TOC
Water elevation: 210.06 ft (64.03m) msl

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:46
Depth to water: 104.95 ft (31.99m) below TOC
Water elevation: 210.05 ft (64.02m) msl

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:25
Depth to water: 117.55 ft (35.83m) below TOC
Water elevation: 209.15 ft (63.75m) msl

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:26
Depth to water: 118.64 ft (36.16m) below TOC
Water elevation: 208.86 ft (63.66m) msl

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:43
Depth to water: 132.34 ft (40.34m) below TOC
Water elevation: 220.06 ft (67.08m) msl

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:23
Depth to water: 137 ft (41.76m) below TOC
Water elevation: 220.2 ft (67.12m) msl

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:23
Depth to water: 134.7 ft (41.06m) below TOC
Water elevation: 222.5 ft (67.82m) msl

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:24
Depth to water: 124.56 ft (37.97m) below TOC
Water elevation: 232.84 ft (70.97m) msl

WELL MSB 78DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:46
Depth to water: 141.06 ft (43.00m) below TOC
Water elevation: 222.64 ft (67.86m) msl

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:14
Depth to water: 140.77 ft (42.91m) below TOC
Water elevation: 207.13 ft (63.13m) msl

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:15
Depth to water: 138.53 ft (42.22m) below TOC
Water elevation: 209.27 ft (63.79m) msl

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 9:37
Depth to water: 47.75 ft (14.55m) below TOC
Water elevation: 219.25 ft (66.83m) msl

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 9:57
Depth to water: 154.73 ft (47.16m) below TOC
Water elevation: 219.57 ft (66.93m) msl

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 9:58
Depth to water: 155.72 ft (47.46m) below TOC
Water elevation: 218.48 ft (66.59m) msl

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 9:55
Depth to water: 147.45 ft (44.94m) below TOC
Water elevation: 226.45 ft (69.02m) msl

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 9:54
Depth to water: 141.77 ft (43.21m) below TOC
Water elevation: 231.83 ft (70.66m) msl

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 9:56
Depth to water: 160.46 ft (48.91m) below TOC
Water elevation: 213.24 ft (65.00m) msl

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:49
Depth to water: 151.21 ft (46.09m) below TOC
Water elevation: 220.59 ft (67.24m) msl

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:53
Depth to water: 144.89 ft (44.16m) below TOC
Water elevation: 227.11 ft (69.22m) msl

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:53
Depth to water: 139.3 ft (42.46m) below TOC
Water elevation: 232.3 ft (70.81m) msl

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:51
Depth to water: 156.97 ft (47.85m) below TOC
Water elevation: 214.73 ft (65.45m) msl

WELL MSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:32
Depth to water: 161.55 ft (49.24m) below TOC
Water elevation: 199.95 ft (60.95m) msl

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 10:31
Depth to water: 133.3 ft (40.63m) below TOC
Water elevation: 228.6 ft (69.68m) msl

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:06
Depth to water: 160.28 ft (48.85m) below TOC
Water elevation: 220.02 ft (67.06m) msl

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:08
Depth to water: 157.7 ft (48.07m) below TOC
Water elevation: 223.2 ft (68.03m) msl

WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:05
Depth to water: 148.95 ft (45.40m) below TOC
Water elevation: 231.85 ft (70.67m) msl

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:07
Depth to water: 160.85 ft (49.03m) below TOC
Water elevation: 219.55 ft (66.92m) msl

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: 11:12
Depth to water: 132.9 ft (40.51m) below TOC
Water elevation: 224.1 ft (68.31m) msl

WELL MSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:34
Depth to water: 119.14 ft (36.31m) below TOC
Water elevation: 216.86 ft (66.10m) msl

WELL MSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 8:33
Depth to water: 99.21 ft (30.24m) below TOC
Water elevation: 237.39 ft (72.36m) msl

WELL MSB 88B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:51
Depth to water: 37.67 ft (11.48m) below TOC
Water elevation: 200.43 ft (61.09m) msl

WELL MSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:52
Depth to water: 34.4 ft (10.49m) below TOC
Water elevation: 202.8 ft (61.81m) msl

WELL MSB 89B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:10
Depth to water: 133.15 ft (40.58m) below TOC
Water elevation: 206.25 ft (62.87m) msl

WELL MSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 10:09
Depth to water: 111.49 ft (33.98m) below TOC
Water elevation: 228.31 ft (69.59m) msl

WELL MSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:28
Depth to water: 115.36 ft (35.16m) below TOC
Water elevation: Not available

WELL MSB 90TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:27
Depth to water: 138.86 ft (42.33m) below TOC
Water elevation: Not available

WELL MSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:41
Depth to water: 111.39 ft (33.95m) below TOC
Water elevation: Not available

WELL SRW 1BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:05
Depth to water: 110.24 ft (33.60m) below TOC
Water elevation: 206.06 ft (62.81m) msl

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:07
Depth to water: 115.4 ft (35.17m) below TOC
Water elevation: 205.2 ft (62.55m) msl

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:08
Depth to water: 114.34 ft (34.85m) below TOC
Water elevation: 206.26 ft (62.87m) msl

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:53
Depth to water: 105 ft (32.00m) below TOC
Water elevation: 227.1 ft (69.22m) msl

WELL SRW 3BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:51
Depth to water: 125.05 ft (38.12m) below TOC
Water elevation: 207.25 ft (63.17m) msl

WELL SRW 4BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:57
Depth to water: 114.71 ft (34.96m) below TOC
Water elevation: 205.89 ft (62.76m) msl

WELL SRW 8BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:20
Depth to water: 86.95 ft (26.50m) below TOC
Water elevation: 202.55 ft (61.74m) msl

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:17
Depth to water: 56.1 ft (17.10m) below TOC
Water elevation: 197.3 ft (60.14m) msl

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:16
Depth to water: 55.26 ft (16.84m) below TOC
Water elevation: 198.04 ft (60.36m) msl

WELL SRW 10BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:00
Depth to water: 98.97 ft (30.17m) below TOC
Water elevation: 203.83 ft (62.13m) msl

WELL SRW 11BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:03
Depth to water: 92.32 ft (28.14m) below TOC
Water elevation: 204.18 ft (62.23m) msl

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:13
Depth to water: 44.47 ft (13.55m) below TOC
Water elevation: 191.83 ft (58.47m) msl

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:13
Depth to water: 43.78 ft (13.34m) below TOC
Water elevation: 192.52 ft (58.68m) msl

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:23
Depth to water: 97.81 ft (29.81m) below TOC
Water elevation: 199.89 ft (60.93m) msl

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:23
Depth to water: 95.9 ft (29.23m) below TOC
Water elevation: 201.8 ft (61.51m) msl

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:24
Depth to water: 89.2 ft (27.19m) below TOC
Water elevation: 208.5 ft (63.55m) msl

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:27
Depth to water: 125 ft (38.10m) below TOC
Water elevation: 202 ft (61.57m) msl

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:28
Depth to water: 123 ft (37.49m) below TOC
Water elevation: 203.9 ft (62.15m) msl

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:49
Depth to water: 111.15 ft (33.88m) below TOC
Water elevation: 207.95 ft (63.38m) msl

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:48
Depth to water: 111.05 ft (33.85m) below TOC
Water elevation: 208.05 ft (63.41m) msl

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 12:48
Depth to water: 107.56 ft (32.78m) below TOC
Water elevation: 211.54 ft (64.48m) msl

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:33
Depth to water: 133.94 ft (40.83m) below TOC
Water elevation: 212.86 ft (64.88m) msl

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:33
Depth to water: 133.35 ft (40.65m) below TOC
Water elevation: 213.45 ft (65.06m) msl

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99 Time: 13:32
Depth to water: 132.58 ft (40.41m) below TOC
Water elevation: 214.02 ft (65.23m) msl

Appendix B. Analytical Results

This section presents the field and analytical results for samples collected during fourth quarter 1999. The results tables are presented in alphabetical order by well series and in numerical order within each series. The **Site Index** section of this report contains the area name(s) for each series.

The tabular data contain all field and analytical results for well samples collected during this quarter. Results of laboratory analyses on sampling blanks are in **Appendix C** of this report.

Due to space limitations, the following abbreviations are used in the analytical and sampling blanks results tables.

Method or Analyte	*Abbreviation*
EICHROMTC1M	EICHROM
MMES16009MOD	MMES16009
ASTMD888-92B	ASTMD888
EICHROMSRW01M	EICHROMS
5-day biochemical oxygen demand	5-day biochem oxygen demand
ESESOPM008	ESOPM008
ESESOPM017	ESOPM017
ESESOPM020	ESOPM020
ESESOPM022	ESOPM022
ESESOPM029	ESOPM029
ESESOPM030	ESOPM030
ESESOPM031	ESOPM031
ESESOPM032	ESOPM032

The **Field Notes** section of this report contains information about the inability to collect samples, unusual conditions during sample collection, and samplers' observations.

Properly defined and used modifiers or qualifiers can be a key component in assessing data usability. Modifiers designated by EPD/EMS and provided to the primary laboratories are defined below.

Key to the Tables	
E	exponential notation (e.g., 1.1E–09 = 1.1×10^{-9} = 0.0000000011)
EMS	EMS codes
F	Flag
FG	EPA functional guideline codes
Fibers/L	fibers per liter

Key to the Tables	
µCi/mL	microcuries per milliliter
µg/L	micrograms per liter
µS/cm	microsiemens per centimeter
mg/L	milligrams per liter
msl	mean sea level
NTU	nephelometric turbidity units
S	EPA STORET codes
SQL	sample quantitation limit
TOC	top of casing

EPA Functional Guideline Codes	*Definition*
(Blank)	Data not remarked. The analytical result is acceptable for use as reported.
J	The analyte was positively identified; the associated numerical value is an estimated concentration of the analyte in the sample.
N	The analysis indicated the presence of an analyte for which there is presumptive evidence to make a tentative identification. Use for all TIC results.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified. Assignment of *R* requires approval by the appropriate WSRC data validation coordinator.
U	The analyte was analyzed for but was not detected above the reported sample quantitation limit.
NJ	The analysis indicates the presence of an analyte that has been tentatively identified and the associated numerical value represents its approximate concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate, and may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

EPA STORET Codes	*Definition*
(Blank)	Data not remarked.
A	The result is the mean of two or more results.
B†	The result is based on colony counts outside the acceptance range.
C	The result is calculated.

EPA STORET Codes	Definition
D	Field measurement.
E†	Extra samples were taken at composite stations.
F	Indicates female of the species.
G	The result reported is the maximum of two or more results.
H	The result is from a field kit determination and may not be accurate.
I	The result is less than the ssEQL, but equal to or greater than the MDL.
J◆	The result is estimated.
K	The actual concentration is known to be less than the reported result.
L	The actual concentration is known to be greater than the reported result.
M	Indicates male of the species.
N◆	There is presumptive evidence of the presence of the analyte.
O	The sample was received by the laboratory, but the analysis was lost or not found.
P†	Too numerous to count.
Q	The sample was held beyond the normal holding time prior to analysis.
R†	There was significant rain in the past 48 hours.
S	Laboratory test.
T†	The result is less than the criteria of detection.
U	Undetermined sex of the species.
V	The analyte was detected in both the method blank and the sample.
W†	The result is less than the lowest reportable under *T* STORET code.
X†	The value is from a quasi-vertically integrated sample.
Y	The result is from an unpreserved or incorrectly preserved sample; the data may not be accurate.
Z†	There were too many colonies present to count (TNTC); the numeric value represents the filtration volume.

† The code is not currently used for EMS/EGG programs, but may be used in the future or in some other SRS programs.
◆ Indicated STORET code or secondary code definition is redundant to a Functional Guideline code and will not be used at this time.

EMS Codes	Definition
(Blank)	Data not remarked. The analytical result is acceptable for use as reported.
A	Compound identification criteria were not met.

EMS Codes	Definition
B	Not currently used.
C	LCS or BS criteria were not met.
D	ICP serial dilution criteria were not met.
E	Not currently used.
F	Not currently used.
G	Not currently used.
H	Internal standard criteria were not met when the IS was used for quantitation.
I	Matrix spike recovery was not within the control limits.
K	A tentatively identified compound is a suspected aldol-condensation product.
L	Initial or continuing calibration criteria were not met.
M	Not currently used.
N	Not currently used.
O	Surrogate or tracer spike recovery is out of specification.
P	Graphite furnace atomic absorption QC a. Duplication injection criteria were not met. b. Post-digestion spike recovery was not within control limits and the sample absorbance is >50% of the post-digestion spike absorbance.
Q	Not currently used.
R	Not currently used.
S	The sample was analyzed by the method of standard additions.
T	Not currently used.
U	Not currently used.
V	Not currently used.
W	Graphite furnace atomic absorption QC: the post-digestion spike recovery is not within control limits and the sample absorbance is <50% of the post-digestion spike absorbance.
X	The laboratory duplicate RPD or MS/MSD RPD was not within control limits.
Y	Not currently used.
Z	Not currently used.
4	Matrix interference is present.
6	The analyte was detected in both the sample and associated field blank.
7	The analyte was detected in both the sample and associated rinsate.
8	The analyte was detected in both the sample and associated trip blank.
9	The field duplicate RPD was not within control limits.

Field Qualifiers

Sample interference field qualifiers were added to the field data in the analytical results tables beginning fourth quarter 1996. The qualifiers describe sampling interferences encountered during sample collection that could affect analytical results. They are used to qualify analytical data based on field conditions. Due to space limitations, the sample interference field qualifiers are referred to as *field qualifiers* in the following table and in the field data section of the analytical results tables.

Field Qualifiers	*Definition*
A	The pump was surging excessively. Aeration could cause oxidation reactions and loss of volatiles (low results). Analytical results may be of poor precision (high variability) due to sampling bias. The sample qualifier shall include an *A* if the site code is an *A*.
B	If the method code for a sample is *B*, then the sample qualifier shall include a *B*. This indicates that an open bucket bailer was used to collect the sample, which typically agitates the sample, increasing aeration and suspended solids. All analytical results may be of poor precision, volatile organic results may be biased low, and some metal and radionuclide results may be biased high.
C	Analytical results may be unrepresentative of true values due to reactions with metal well casing. This value will be automatically filled in if the casing type in the well inventory table is *Al*, *CS*, *Iron*, *SS*, or *Steel*. Analytical results for some metals and radionuclides may be higher or lower than actual groundwater concentrations.
G	If the method code for a sample is *G*, then the sample qualifier shall include a *G*. This indicates that an open bucket bailer was used to collect the sample without purging the well to attain stabilized field parameters. The grab sample method collects water that has undergone chemical reactions with the atmosphere and typically agitates the sample, increasing aeration and suspended solids. All analytical results may be of poor precision, volatile organic results may be biased low, and some metal and radionuclide results may be biased high. Analytical results may differ significantly for actual groundwater concentrations.
H	Analytical results may be unrepresentative of actual groundwater concentrations due to an elevated pH, possibly due to well installation materials (drilling mud, grout). Results for some inorganic constituents (i.e., sodium, metals, radionuclides) may be affected. If the pH for a sample is greater than eight, then the sample qualifier shall include an *H*.
N	Analytical results may be unrepresentative of actual groundwater concentrations due to well installation or formation interferences causing elevated turbidity. Results for particle reactive constituents (i.e., metals, radionuclides) may be elevated. If the turbidity for a sample is greater than 15 NTU, then the sample qualifier shall include an *N*.
S	If the sample method is an *S*, then the sample qualifier shall include an *S*. Single-speed centrifugal submersible pump flow rates vary from 1 to 15 gpm, and agitation of the sample may occur at higher flow rates, causing poor precision, low volatile organic results, or elevated metal or radionuclide results.
U	One or more of the field parameters (i.e., pH, conductivity, turbidity) did not stabilize prior to sample collection. The results may be of poor precision (high variability) due to sampling bias. The sample qualifier shall be a *U* if the stabilized field is *N* or the method code is *G*.
V	If the method code is a *V*, then the sample qualifier shall include a *V*. Sample collection with variable-speed pumps indicates that flow rates were less than one liter per minute. Sample collection at low flow rates provides the best estimates of actual groundwater concentrations due to reduced sampling bias.
X	If the site code is an *X*, then the sample qualifier shall include an *X*. Analytical results may be of poor precision for many constituents, and volatile organic results may be biased low because the well went dry during purging.

Calculation of Alkalinity Relationships

The results obtained from the phenolphthalein and total alkalinity determinations offer a means for stoichiometric classification of the three principal forms of alkalinity present in many waters. The classification ascribes the entire alkalinity to bicarbonate, carbonate, and hydroxide, and assumes the absence of other (weak) inorganic or organic acids, such as silicic, phosphoric, and boric acids. It further presupposes the incompatibility of hydroxide and bicarbonate alkalinities. Because the calculations are made on a stoichiometric basis, ion concentrations in the strictest sense are not represented in the results, which may differ significantly from actual concentrations, especially at pH > 10. According to this scheme:

(1) Carbonate (CO_3^{2-}) alkalinity is present when phenolphthalein alkalinity is not zero but is less than total alkalinity.

(2) Hydroxide (OH^-) alkalinity is present if phenolphthalein alkalinity is more than half the total alkalinity.

(3) Bicarbonate (HCO_3^-) alkalinity is present if phenolphthalein alkalinity is less than half the total alkalinity. These relationships may be calculated by the following scheme, where *P* is phenolphthalein alkalinity and *T* is total alkalinity:

Select the smaller value of *P* or *(T – P)*. Then, carbonate alkalinity equals twice the smaller value. When the smaller value is P, the balance *(T – 2P)* is bicarbonate. When the smaller value is *(T – P)*, the balance *(2P – T)* is hydroxide. All results are expressed as $CaCO_3$.

If Phenolphthalein Alkalinity Result =	*then Hydroxide Alkalinity =*	*then Carbonate Alkalinity =*	*then Bicarbonate Alkalinity =*
0	0	0	Total Alk
<½ Total Alk	0	2(Phen Alk)	Total Alk – 2(Phen Alk)
=½ Total Alk	0	2(Phen Alk)	0
>½ Total Alk	2(Phen Alk) – Total Alk	2(Total Alk – Phen Alk)	0
Phen Alk = Total Alk	Total Alk	0	0

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99
Depth to water: 136.65 ft (41.65 m) below TOC
Water elevation: 223.25 ft (68.05 m) msl
pH: 5.2
Sp. conductance: 13 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 110 gal

Time: 14:26
Water temperature: 19.7°C
Air temperature: 23.3°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	3.15	J	I		5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	498				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	1.45				1.00	µg/L	GE	EPA8260B
0	Chloride	1,480				100	µg/L	GE	EPA300.0
0	Chloride	1,500				100	µg/L	GE	EPA300.0
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	0.910	J	I		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	3.79	J	I		5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<2.18	U	V		5.00	µg/L	GE	EPA6010B
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
0	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
0	Iron, total recoverable	64.1				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	187				10.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<2.23	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	310				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	310				50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Potassium, total recoverable	225				100	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	857				500	µg/L	GE	EPA6010B
0	Sulfate	114	J	I		200	µg/L	GE	EPA300.0
0	Sulfate	91.0	J	I		200	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	8.63				1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<30.0	U	V		50.0	µg/L	GE	EPA365.4
0	Total phosphates (as P)	<30.0	U	V		50.0	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B

Well ABP 1A collected on 11/22/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Trichloroethylene	48.7				1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<3.20	U	V		5.00	µg/L	GE	EPA6010B
0	Gross alpha	9.34E-10±3.43E-10	J	I		3.83E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	6.70E-10±2.89E-10	J	I		3.21E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.47E-09±4.58E-10	J	I		7.91E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.14E-10±4.26E-10	J	I		8.01E-10	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	-1.00E-10±3.00E-10	U			6.76E-10	µCi/mL	GP	EPIA-010

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99
Depth to water: Not available
Water elevation: Not available
pH: 5.3
Sp. conductance: 14 µS/cm
Turbidity: 6 NTU
No water was evacuated from the well prior to sampling.

Time: 14:37
Water temperature: 19.8°C
Air temperature: 22.8°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	111				50.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	5.56				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	540				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	1.38				1.00	µg/L	GE	EPA8260B
0	Chloride	1,410				100	µg/L	GE	EPA300.0
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	0.820	J	I		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	8.32				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<3.79	U	V		5.00	µg/L	GE	EPA6010B
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
2	Iron, total recoverable	543				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	363				10.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	6.93	J	I		10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	11.1				5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	310				50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Potassium, total recoverable	266				100	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

Well ABP 1A collected on 11/22/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sodium, total recoverable	845				500	µg/L	GE	EPA6010B
0	Sulfate	593				200	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	8.12				1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Toluene	5.70				1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<30.0	U	V		50.0	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	46.9				1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	0.0510	J	I		2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	1.25	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	37.3				5.00	µg/L	GE	EPA6010B
0	Gross alpha	1.25E-09±3.96E-10				4.32E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.33E-09±4.57E-10	J	I		8.08E-10	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	1.00E-10±4.00E-10	U			6.41E-10	µCi/mL	GP	EPIA-010

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99
Depth to water: 142.4 ft (43.4 m) below TOC
Water elevation: 221.9 ft (67.64 m) msl
pH: 5.3
Sp. conductance: 12 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 55 gal

Time: 16:29
Water temperature: 18.9°C
Air temperature: 20.1°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	2.38	J	I		5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	464				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	1.04				1.00	µg/L	GE	EPA8260B
0	Chloride	1,490				100	µg/L	GE	EPA300.0
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	4.68	J	I		5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<2.29	U	V		5.00	µg/L	GE	EPA6010B
0	Cyanide	4.57	J	I		10.0	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
0	Iron, total recoverable	71.6				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	200				10.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<3.20	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	270				50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082

Well ABP 4 collected on 11/22/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Potassium, total recoverable	172				100	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	1,000				500	µg/L	GE	EPA6010B
0	Sulfate	190	J	I		200	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
1	Tetrachloroethylene	3.80				1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<3.12	U	V		5.00	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<30.0	U	V		50.0	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	31.0				1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	0.0430	J	I		2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	1.05	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<3.68	U	V		5.00	µg/L	GE	EPA6010B
0	Gross alpha	1.53E-09±5.28E-10	J	I		4.87E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.41E-09±5.78E-10	J	I		1.05E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	8.00E-10±5.00E-10	J	I		5.95E-10	µCi/mL	GP	EPIA-010

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99
Depth to water: Not available
Water elevation: Not available
pH: 5.2
Sp. conductance: 15 µS/cm
Turbidity: 3 NTU
No water was evacuated from the well prior to sampling.

Time: 16:38
Water temperature: 19.1°C
Air temperature: 19.7°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	3.01	J	I		5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	463				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	0.970	J	I		1.00	µg/L	GE	EPA8260B
0	Chloride	1,500				100	µg/L	GE	EPA300.0
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	4.30	J	I		5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	12.2				5.00	µg/L	GE	EPA6010B
0	Cyanide	5.83	J	I		10.0	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
1	Iron, total recoverable	179				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	11.6				5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	426				10.0	µg/L	GE	EPA6010B

Well ABP 4 collected on 11/22/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Manganese, total recoverable	6.39	J	I		10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	8.22				5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	260				50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Potassium, total recoverable	189				100	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	930				500	µg/L	GE	EPA6010B
0	Sulfate	1,140				200	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
1	Tetrachloroethylene	3.62				1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<3.99	U	V		5.00	µg/L	GE	EPA6010B
0	Toluene	42.4				1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<30.0	U	V		50.0	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	29.6				1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	0.0580	J	I		2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	1.12	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	92.7				5.00	µg/L	GE	EPA6010B
0	Gross alpha	1.46E-09±5.33E-10	J	I		5.91E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.99E-10±5.54E-10	U			1.12E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	4.00E-10±4.00E-10	U			5.34E-10	µCi/mL	GP	EPIA-010

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99
Depth to water: 118.9 ft (36.24 m) below TOC
Water elevation: 220.9 ft (67.33 m) msl
pH: 4.9
Sp. conductance: 19 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 1821 gal

Time: 11:04
Water temperature: 20.9°C
Air temperature: 20.8°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	<48.3	U	V		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<53.1	U	V		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<49.8	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	8.20	J	I		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	6.64				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	6.40				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	6.90				1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	0.240	J	I		1.60	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B

Well ARP 3 collected on 11/22/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	432				100	µg/L	GE	EPA6010B
0	Calcium, total recoverable	439	J	I		471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	417	J	I		471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloride	2,230				100	µg/L	GE	EPA300.0
0	Chloride	2,320				210	µg/L	WA	EPA9056
0	Chloride	2,260				210	µg/L	WA	EPA9056
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	11.6				5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	18.4				7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	15.8				7.00	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<0.480	JU	I	4	4.50	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	<0.800	JU	I	4	4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	<3.41	U	V		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.60	J	I		15.0	µg/L	WA	EPA6010B
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<6.48	JU	LV	O	5.00	µg/L	WA	EPA8260B
2	Dichloromethane	8.48	J	LV	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
0	Fluoride	<26.0	U	V		40.0	µg/L	WA	EPA340.2
1	Iron, total recoverable	289				50.0	µg/L	GE	EPA6010B
1	Iron, total recoverable	168				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	191				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	187				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B

Well ARP 3 collected on 11/22/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.870	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	365				10.0	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	356				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	348				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	8.16	J	I		10.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	8.50				7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	8.30				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<7.32	UJ		4	5.00	µg/L	GE	EPA6010B
0	Nickel, total recoverable	11.9		I		26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	11.2	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	<160	U		6	50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	621				20.0	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	617				20.0	µg/L	WA	EPA353.2
0	PCB 1016	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1016	<1.04	UJ			1.04	µg/L	WA	EPA8082
0	PCB 1221	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1221	<2.08	UJ			2.08	µg/L	WA	EPA8082
0	PCB 1232	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1232	<1.04	UJ			1.04	µg/L	WA	EPA8082
0	PCB 1242	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1242	<1.04	UJ			1.04	µg/L	WA	EPA8082
0	PCB 1248	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1248	<1.04	UJ			1.04	µg/L	WA	EPA8082
0	PCB 1254	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1254	<1.04	UJ			1.04	µg/L	WA	EPA8082
0	PCB 1260	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1260	<1.04	U			1.04	µg/L	WA	EPA8082
0	Potassium, total recoverable	168				100	µg/L	GE	EPA6010B
0	Potassium, total recoverable	175	J	I		187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	176	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<5.00	UJ			5.00	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<66.0	UJ			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	UJ			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	UJ			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	UJ			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	UJ			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,750				500	µg/L	GE	EPA6010B
0	Sodium, total recoverable	1,580				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,550				285	µg/L	WA	EPA6010B
0	Sulfate	1,230				200	µg/L	GE	EPA300.0
0	Sulfate	1,820	J		X	340	µg/L	WA	EPA9056
0	Sulfate	1,230	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	UJ			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	14.6				1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	14.8	J	L	O	5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	14.8	J	L	O	5.00	µg/L	WA	EPA8260B
0	Thallium, total recoverable	<5.00	UJ			5.00	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<55.0	UJ			55.0	µg/L	WA	EPA6010B
0	Thallium, total recoverable	<55.0	UJ			55.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	UJ			1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
2	Total organic halogens	122			X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<30.0	U	V		50.0	µg/L	GE	EPA365.4
0	Total phosphates (as P)	11.3	J	V		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<1.00	UJ			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	UJ			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	120				2.00	µg/L	GE	EPA8260B
2	Trichloroethylene	109	J	L	O	5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	105	J	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	UJ			5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
0	Uranium, total recoverable	0.0600	J	I		2.00	µg/L	GE	EPA6020
0	Uranium, total recoverable	<-0.0900	UJ			0.0300	µg/L	TM	ASTMD5174M
0	Uranium, total recoverable	<-0.0900	UJ			0.0300	µg/L	TM	ASTMD5174M
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B

Well ARP 3 collected on 11/22/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Vanadium, total recoverable	<2.00	U		6	6.90	µg/L	WA	EPA6010B
0	Xylenes	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	UJ	L	O	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<3.63	U	V		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Gross alpha	2.28E-09±6.46E-10				6.04E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.90E-09±9.40E-10				8.90E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	2.09E-09±8.40E-10	J	I		8.90E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.31E-09±6.17E-10	J	I		1.17E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.38E-09±9.80E-10	U			1.42E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.53E-09±9.90E-10	J	I		1.42E-09	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	8.00E-10±5.00E-10	J	I		5.45E-10	µCi/mL	GP	EPIA-010
1	Radium, total alpha-emitting	4.41E-09±1.31E-09				8.70E-10	µCi/mL	TM	EPA903.0M
1	Radium, total alpha-emitting	3.69E-09±1.15E-09				8.00E-10	µCi/mL	TM	EPA903.0M

WELL ARP 3 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99
Depth to water: 118.9 ft (36.24 m) below TOC
Water elevation: 220.9 ft (67.33 m) msl
pH: 4.9
Sp. conductance: 19 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 1821 gal

Time: 11:04
Water temperature: 20.9°C
Air temperature: 20.8°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	26.2	J	I		50.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<10.0	UJ			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	7.12				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	471				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	2,170				100	µg/L	GE	EPA300.0
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	8.55				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<0.769	UJ	I	4	5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<1.56	U	V		5.00	µg/L	GE	EPA6010B
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
0	Iron, total recoverable	137				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	361				10.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	7.20	J	I		10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<5.28	UJ		4	5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	<180	U		6	50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	UJ	Q		0.100	µg/L	GE	EPA8082

Well ARP 3 collected on 11/22/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1254	<0.100	JU	Q		0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	JU	Q		0.100	µg/L	GE	EPA8082
0	Potassium, total recoverable	162				100	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<3.22	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	1,760				500	µg/L	GE	EPA6010B
0	Sulfate	1,100				200	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	14.8				1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<30.0	U	V		50.0	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	115				2.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	0.0560	J	I		2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<0.705	U		6	5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<4.92	U	V		5.00	µg/L	GE	EPA6010B
0	Gross alpha	1.62E-09±5.89E-10	J	I		7.47E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.00E-09±6.77E-10	J	I		1.21E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	5.00E-10±5.00E-10	U			6.58E-10	µCi/mL	GP	EPIA-010

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99
Depth to water: Not available
Water elevation: Not available
pH: 5
Sp. conductance: 20 µS/cm
Turbidity: 65 NTU
No water was evacuated from the well prior to sampling.

Time: 11:36
Water temperature: 19.4°C
Air temperature: 21.5°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,480				50.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	31.9				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.333	J	I		5.00	µg/L	GE	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	456				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	2,270				100	µg/L	GE	EPA300.0
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	46.5				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	1.85	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<4.35	U	V		5.00	µg/L	GE	EPA6010B
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoride	95.0				50.0	µg/L	GE	EPA9056
2	Iron, total recoverable	5,520				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	516				10.0	µg/L	GE	EPA6010B
1	Manganese, total recoverable	28.4				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A

Well ARP 3 collected on 11/22/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nickel, total recoverable	27.5				5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	<190	U		6	50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.100	JU	Q		0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	JU	Q		0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	JU	Q		0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	JU	Q		0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	JU	Q		0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	JU	Q		0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	JU	Q		0.100	µg/L	GE	EPA8082
0	Potassium, total recoverable	240				100	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	1,720				500	µg/L	GE	EPA6010B
0	Sulfate	7,220				200	µg/L	GE	EPA300.0
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	11.9				1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Toluene	60.2				1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<140	U	V		50.0	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	107				1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	0.794	J	I		2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<4.34	U		6	5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	24.1				5.00	µg/L	GE	EPA6010B
0	Gross alpha	6.32E-09±1.22E-09				8.84E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.10E-09±9.25E-10	J	I		1.57E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	8.00E-10±5.00E-10	J	I		5.21E-10	µCi/mL	GP	EPIA-010
0	Radium, total alpha-emitting	1.00E-09±6.00E-10	J	I		6.07E-10	µCi/mL	GP	EPIA-010

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 56.65 ft (17.27 m) below TOC
Water elevation: 238.45 ft (72.68 m) msl
pH: 5
Sp. conductance: 41 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 13 gal

Time: 14:42
Water temperature: 25.4°C
Air temperature: 17.8°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acetophenone	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	3.93	J	I		13.4	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Aluminum, total recoverable	101	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	114	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	168				146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Aniline	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C

Well BGO 1D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Aramite	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	9.20				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Benzoic acid	<52.0	U			52.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	U			50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<100	U			100	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	91.6	J	I		471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	81.4	J	I		471	µg/L	WA	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.104	U			0.104	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Chloride	1,720				210	µg/L	WA	EPA9056
0	4-Chloroaniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chromium, total recoverable	6.40	J	I		7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chrysene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	29.2				15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	<10.8	U			10.8	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<22.0	U			22.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<20.0	U			20.0	µg/L	WA	EPA8270C

Well BGO 1D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	p-Cresol (4-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Cyanide	1.90	J	I		15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.104	U			0.104	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.104	U			0.104	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Diallate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diallate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.14	JU	LQ	IOX	1.14	µg/L	WA	EPA8151A
0	2,4-Dichlorophenoxyacetic acid	<2.44	JU	LQ	IOX	2.44	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.520	JU	L	C	0.520	µg/L	WA	EPA8141A
0	2,4-Dimethyl phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Endosulfan II	<0.104	U			0.104	µg/L	WA	EPA8081A

Well BGO 1D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Endrin	<0.104	JU	K	I	0.104	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<1.25	U			1.25	µg/L	WA	EPA8141A
0	Fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Fluoranthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Fluorene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Fluoride	79.4		V		40.0	µg/L	WA	EPA340.2
0	Heptachlor	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	U			250	µg/L	WA	EPA8270C
0	Hexachlorophene	<500	U			500	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Iron, total recoverable	170				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	163				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	462				74.0	µg/L	WA	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isodrin	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Isophorone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Isophorone	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Isosafrole	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Kepone	<0.520	U			0.520	µg/L	WA	EPA8081A
0	Lead, total recoverable	7.10	J	I		47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Lithium, total recoverable	1.50	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	161				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	151				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	12.4				7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	11.9				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methapyrilene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methapyrilene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.520	U			0.520	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Naphthalene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	5.40	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	3,600				200	µg/L	WA	EPA353.2
0	m-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<52.0	U			52.0	µg/L	WA	EPA8270C

Well BGO 1D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	o-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<52.0	U			52.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<52.0	U			52.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<40.0	U			40.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	U			50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<100	U			100	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Parathion methyl	<0.520	U			0.520	µg/L	WA	EPA8141A
0	PCB 1016	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1016	<1.11	U			1.11	µg/L	WA	EPA8082
0	PCB 1221	<2.08	U			2.08	µg/L	WA	EPA8082
0	PCB 1221	<2.22	U			2.22	µg/L	WA	EPA8082
0	PCB 1232	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1232	<1.11	U			1.11	µg/L	WA	EPA8082
0	PCB 1242	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1242	<1.11	U			1.11	µg/L	WA	EPA8082
0	PCB 1248	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1248	<1.11	U			1.11	µg/L	WA	EPA8082
0	PCB 1254	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1254	<1.11	U			1.11	µg/L	WA	EPA8082
0	PCB 1260	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1260	<1.11	U			1.11	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<100	U			100	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenacetin	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Phorate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	2-Picoline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Picoline	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Potassium, total recoverable	56.2	J	I		187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	54.0	J	I		187	µg/L	WA	EPA6010B
0	Pronamid	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pronamid	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pyrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pyridine	<20.0	U			20.0	µg/L	WA	EPA8270C

Well BGO 1D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Safrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Safrole	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	5,210	J	K	I	1,350	µg/L	WA	EPA6010B
0	Silica, total recoverable	4,930	J	K	I	1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	5,680				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	5,390				285	µg/L	WA	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	324	J	I		340	µg/L	WA	EPA9056
0	Sulfide	<10,000	U			10,000	µg/L	WA	EPA9034
0	Sulfide	<10,000	U			10,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.520	U			0.520	µg/L	WA	EPA8141A
0	2,4,5-T	<0.570	JU	LQ	IOX	0.570	µg/L	WA	EPA8151A
0	2,4,5-T	<1.22	JU	LQ	IOX	1.22	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Total dissolved solids	54,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	892	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	11.2	J	I		67.0	µg/L	WA	EPA365.2
0	Total phosphates (as P)	12.9	J	I		67.0	µg/L	WA	EPA365.2
0	Toxaphene	<5.20	U			5.20	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.570	JU	LQ	IOX	0.570	µg/L	WA	EPA8151A
0	2,4,5-TP (Silvex)	<1.22	JU	LQ	IOX	1.22	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	0.790	J	I		6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	85.5				53.0	µg/L	WA	EPA6010B
0	Actinium-228	8.70E-09±5.83E-09	U			1.14E-08	µCi/mL	GP	EPIA-013
0	Americium-241	<0.00E+00	U			1.34E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-4.63E-09±4.57E-09	U			7.25E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	2.62E-10±5.08E-09	U			8.76E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	-2.29E-09±1.24E-08	U			2.01E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.97E-10±1.53E-09	U			2.33E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	8.99E-10±1.61E-09	U			2.99E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-8.79E-11±1.54E-09	U			2.52E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-3.19E-10±1.77E-09	U			2.75E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			1.47E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.08E-11±2.16E-11	U			2.36E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.47E-11±8.97E-11	U			1.34E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.54E-09±4.58E-09	U			8.03E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.15E-09±4.97E-09	U			8.51E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.78E-09±6.80E-09	U			1.10E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.84E-09±8.23E-10				9.87E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	6.97E-10±8.27E-10	U			9.43E-10	µCi/mL	GP	EPIA-006
0	Lead-212	6.65E-09±4.82E-09	R		4	6.14E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.97E-10±1.55E-09	U			2.72E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-7.49E-12±1.50E-11	U			2.07E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	3.36E-08±5.90E-08	JU	L	I	9.99E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	1.70E-09±8.10E-10	J	I		1.47E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	4.05E-11±1.10E-10	U			2.81E-10	µCi/mL	GP	EPIA-011

Well BGO 1D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Plutonium-239/240	-2.56E-11±3.65E-11	U			3.31E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	2.24E-08±2.47E-08	U			2.91E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.31E-09±1.41E-09	U			2.33E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.01E-10±2.12E-09	U			3.61E-09	µCi/mL	GP	EPIA-013
1	Radium-226	2.57E-09±1.01E-09	J	I		9.22E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.39E-10±4.63E-10	U			9.12E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.56E-09±1.32E-08	U			2.39E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.11E-09±1.72E-09	U			3.05E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-3.27E-10±4.89E-10	U			1.16E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-4.82E-10±1.04E-08	U			2.16E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-7.45E-11±1.95E-10	U			5.62E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	9.32E-11±1.19E-10	U			1.78E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	<0.00E+00	U			1.01E-10	µCi/mL	GP	EPIA-012
1	Tritium	1.06E-05±7.00E-07				6.14E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.46E-11±8.77E-11	U			1.60E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	5.96E-12±4.61E-11	U			1.48E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	5.35E-11±7.53E-11	U			1.32E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	2.59E-10±1.56E-09	U			2.99E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.81E-09±3.90E-09	U			6.34E-09	µCi/mL	GP	EPIA-013

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: Not available
Water elevation: Not available
pH: 3.9
Sp. conductance: 38 µS/cm
Turbidity: 9 NTU

Time: 9:45
Water temperature: 18.9°C
Air temperature: 8.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	5.12				5.00	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	139	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	112	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	149				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	131	J	I		146	µg/L	WA	EPA6010B
2	Antimony, total recoverable	10.6	J	I		27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<2.80	JU	I	4	27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	19.9			V	1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	18.3			V	1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	27.2	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,260				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,260				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloride	3,280				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.80	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.80	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.76	U	V	CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B

Well BGO 2D collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Fluoride	<24.3	U	V		40.0	µg/L	WA	EPA340.2
0	*Iron, total recoverable*	*117*				*74.0*	*µg/L*	WA	EPA6010B
0	Iron, total recoverable	108				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	150				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	137				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.590	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.460	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	964				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	961				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,880		V		100	µg/L	WA	EPA353.2
0	*Phenols*	*<37.0*	*U*			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	212				187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	230				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,940				1,350	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,890				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,630				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,630				285	µg/L	WA	EPA6010B
0	Sulfate	453			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	*Tetrachloroethylene*	*<5.00*	U		CX	*5.00*	µg/L	WA	EPA8260B
0	Tin, total recoverable	41.1	J	I		70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	38,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	34,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	269	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	17.5	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	16.9	J	I		67.0	µg/L	WA	EPA365.2
0	Total phosphates (as P)	18.5	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-4.67E-09±4.57E-09	U			8.24E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.94E-09±7.28E-10	J	I		8.42E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.76E-09±7.21E-10				1.10E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.46E-10±6.63E-10	U			9.12E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.72E-10±4.75E-10	U			9.73E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	9.20E-10±6.78E-10	U			1.37E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.64E-05±8.21E-07				6.12E-07	µCi/mL	GP	EPIA-002

WELL BGO 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 129.88 ft (39.59 m) below TOC
Water elevation: 162.02 ft (49.38 m) msl
pH: 6.7
Sp. conductance: 124 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 24 gal

Time: 11:34
Water temperature: 20°C
Air temperature: 11.4°C
Total alkalinity (as CaCO3): 40 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	48.7				5.00	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	22.3	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	72.7		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B

Well BGO 3A collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromodichloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	*Bromoform*	*<5.00*	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.50	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.80	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.35	U	V	CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	7.50	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.60	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	5,500			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	104,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	286	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	24.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.15	J	I	CX	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.97E-09±4.72E-09	U			8.32E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.81E-09±7.73E-10	J	I		8.81E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.62E-09±7.74E-10	J	I		1.30E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.60E-10±4.49E-10	U			8.04E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.18E-10±4.76E-10	U			9.33E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	7.33E-10±7.26E-10	U			1.51E-09	µCi/mL	GP	EPIA-004
2	Tritium	1.29E-04±2.58E-06				7.53E-07	µCi/mL	GP	EPIA-002

WELL BGO 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 67.5 ft (20.57 m) below TOC
Water elevation: 224.4 ft (68.4 m) msl
pH: 7.4
Sp. conductance: 26 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 17 gal

Time: 10:55
Water temperature: 20.2°C
Air temperature: 10.4°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	22.6				10.0	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	30.8	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	*Barium, total recoverable*	*6.60*		V		*1.80*	µg/L	WA	EPA6010B
0	Benzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	41.0	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B

Well BGO 3C collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromomethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.10	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	8.90	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.30	U	V	CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	9.30	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.60	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.00	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sulfate	993			X	340	µg/L	WA	EPA9056
0	Sulfate	1,030				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	38,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	414	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total organic halogens	17.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	6.90	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-4.12E-09±4.61E-09	U			8.26E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.21E-10±3.78E-10	U			7.38E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.24E-10±5.35E-10	U			1.08E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.72E-10±4.70E-10	U			8.42E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.00E-10±4.52E-10	U			9.07E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.47E-10±6.27E-10	U			1.37E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.05E-05±6.89E-07				6.11E-07	µCi/mL	GP	EPIA-002

WELL BGO 3DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 61.27 ft (18.68 m) below TOC
Water elevation: 230.23 ft (70.17 m) msl
pH: 4.2
Sp. conductance: 30 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 9:14
Water temperature: 18.5°C
Air temperature: 4.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<13.4	U			13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	128	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	89.2	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	78.9	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<4.50	U	V		40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	14.7				1.80	µg/L	WA	EPA6010B

Well BGO 3DR collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	14.0				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.90	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	26.8				15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	26.9				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.0	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<13.6	U	V		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<14.2	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	5.80	J	I		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	7.40	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.50	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.920	J	I		2.70	µg/L	WA	EPA6010B
1	Manganese, total recoverable	25.7				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	375				340	µg/L	WA	EPA9056
0	Sulfate	417				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	38,000		I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	258	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	37.0	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	26.7				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	20.6	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	18.7	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	8.90E-09±7.40E-09	U			1.23E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	4.30E-09±7.27E-09	U			1.23E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	2.20E-09±8.92E-10	J	I		1.01E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	2.88E-09±1.03E-09	J	I		1.22E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.69E-09±1.12E-09				1.71E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.47E-09±1.04E-09	J	I		1.92E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.48E-09±1.01E-09	J	I		9.55E-10	µCi/mL	GP	EPIA-008
1	Radium-226	2.59E-09±1.06E-09	J	I		9.97E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-2.82E-10±3.43E-10	U			8.13E-10	µCi/mL	GP	EPIA-009
0	Radium-228	-1.72E-11±3.42E-10	U			7.68E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.53E-10±5.82E-10	JU	L	CI	1.31E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-7.36E-11±4.05E-10	JU	L	CI	9.30E-10	µCi/mL	GP	EPIA-004
2	Tritium	1.15E-03±2.25E-05				2.61E-06	µCi/mL	GP	EPIA-002
2	Tritium	1.18E-03±2.30E-05			5	2.67E-06	µCi/mL	GP	EPIA-002

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: Not available
Water elevation: Not available
pH: 5.5
Sp. conductance: 29 µS/cm
Turbidity: 8 NTU

Time: 14:15
Water temperature: 18.6°C
Air temperature: 15.1°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	18.7				10.0	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	503				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	432				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	7.30		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,570				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	921				210	µg/L	WA	EPA9056
0	Chloride	1,020				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	13.3				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	5.30	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.08	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<39.6	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	970				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	629				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	10.6	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.860	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	317				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	8.30	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,240		V		100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	60.8	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	9,360				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,710				285	µg/L	WA	EPA6010B
0	Sulfate	699			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	48,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	265	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	15.2	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	20.1	J	I		53.0	µg/L	WA	EPA6010B

Well BGO 4D collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	-3.86E-09±4.64E-09	U			8.31E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.35E-09±7.55E-10				6.40E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.81E-09±7.64E-10				1.23E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.18E-09±7.42E-10	U	V		9.13E-10	µCi/mL	GP	EPIA-008
0	Radium-228	9.67E-10±5.66E-10	U			1.11E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	5.37E-10±5.34E-10	U			1.11E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.06E-04±4.08E-06				9.63E-07	µCi/mL	GP	EPIA-002

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 82.28 ft (25.08 m) below TOC
Water elevation: 213.82 ft (65.17 m) msl
pH: 5.9
Sp. conductance: 38 µS/cm
Turbidity: 2 NTU

Time: 13:50
Water temperature: 20.4°C
Air temperature: 15.2°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	27.6				10.0	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	374				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	10.2		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	44.8	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	6.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.10	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.51	U	V	CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	112				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	13.9	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.80	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	562			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	59,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,220				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	15.4	J	I		53.0	µg/L	WA	EPA6010B

Well BGO 5C collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	-1.59E-09±4.70E-09	U			8.25E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.68E-10±3.76E-10	U			6.48E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.15E-10±5.77E-10	U			1.17E-09	µCi/mL	GP	EPIA-001
0	Radium-226	6.94E-10±5.38E-10	U	V		6.40E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-1.53E-10±4.10E-10	U			9.43E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-9.12E-11±5.65E-10	U			1.28E-09	µCi/mL	GP	EPIA-004
2	Tritium	6.64E-05±1.52E-06				6.01E-07	µCi/mL	GP	EPIA-002
2	Tritium	6.81E-05±1.55E-06				6.11E-07	µCi/mL	GP	EPIA-002

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 67.9 ft (20.7 m) below TOC
Water elevation: 228.4 ft (69.62 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 4 gal

Time: 10:45
Water temperature: Not available
Air temperature: 11.3°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	4.58E-03±8.90E-05				5.83E-06	µCi/mL	GP	EPIA-002

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 67.9 ft (20.7 m) below TOC
Water elevation: 228.4 ft (69.62 m) msl
pH: 4.1
Sp. conductance: 41 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 13:25
Water temperature: 23.1°C
Air temperature: 9.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	12.3	J	I		13.4	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	35.9	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	112	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	97.1	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	90.3	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	42.4				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	43.6				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	27.0	J	I		266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	804				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	790				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	4,740				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	2.72	J	I		10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<2.70	U	V		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<2.70	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	23.8				15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	23.9				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 5D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.86	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<11.1	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	112			X	74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	105			X	74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	246	J		X	74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	326	J		X	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	5.30	J	I		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.570	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.440	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	784				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	780				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,690				100	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	1,660				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	148	J	I		187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	175	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,960				1,350	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,950				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.540	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,890				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,910				285	µg/L	WA	EPA6010B
0	Sulfate	349				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	53,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,590	J	I		5,000	µg/L	WA	EPA9060
0	Total organic halogens	31.2	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	30.5	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	0.915	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	18.1	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	16.3	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.58E-09±4.91E-09	U			8.28E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.38E-09±1.31E-09				1.28E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.53E-09±1.26E-09	J	I		2.40E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.54E-09±1.04E-09	U	V		9.78E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.00E-09±3.62E-10	J	I		6.40E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.74E-10±4.09E-10	JU	L	C	9.75E-10	µCi/mL	GP	EPIA-004

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 127 ft (38.71 m) below TOC
Water elevation: 158.6 ft (48.34 m) msl
pH: 7.2
Sp. conductance: 296 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 84 gal

Time: 16:26
Water temperature: 18.8°C
Air temperature: 14.2°C
Total alkalinity (as CaCO3): 144 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	136				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	138				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	148				26.8	mg/L	WA	EPA310.1

Well BGO 6A collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<18.7	U	V		50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	42.7				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	42.6				1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	14.3	J	I		50.0	µg/L	GE	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU		O	5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<2.01	U	V		5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<1.90	JU	V	O	5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.12	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	141				50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<26.4	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.23	J	I		2.00	µg/L	GE	EPA6020
0	Lithium, total recoverable	1.60	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<2.34	U	V		5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	8,480				200	µg/L	GE	EPA300.0
0	Sulfate	8,900				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B

Well BGO 6A collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	213,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	224,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	206,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	3,310				500	µg/L	GE	EPA9060
0	Total organic carbon	13,700				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<10.0	U			10.0	µg/L	GE	EPA9020B
0	Total organic halogens	28.4	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<1.00	JU		O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU		O	5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<15.3	U	V		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.84E-08±6.30E-09				8.91E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.91E-10±6.30E-10	U			1.18E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	9.20E-10±1.31E-09	U			1.36E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.44E-09±1.36E-09	J	I		1.36E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	5.63E-10±6.03E-10	U			1.28E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-4.66E-09±3.33E-09	U			3.39E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	7.46E-09±3.54E-09	J	I		3.39E-09	µCi/mL	TM	EPA900.0M
0	Radium-226	1.26E-09±7.05E-10	U	V		6.64E-10	µCi/mL	GP	EPIA-008
0	Radium-226	4.30E-10±3.10E-10	U			4.90E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	5.20E-10±3.40E-10	U	V		4.10E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	6.52E-10±6.21E-10	U			1.26E-09	µCi/mL	GP	EPIA-009
0	Radium-228	2.22E-10±5.00E-10	U			1.06E-09	µCi/mL	GP	EPIA-009
0	Radium-228	1.80E-09±9.40E-10	U			1.93E-09	µCi/mL	TM	EPA904.0M
1	Radium-228	2.70E-09±9.40E-10	J	I		1.69E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	1.49E-10±6.30E-10	U			1.38E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	1.47E-10±5.41E-10	U			1.19E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	1.14E-09±6.60E-10	U			1.37E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	-9.30E-10±5.40E-10	U			1.67E-09	µCi/mL	TM	EMLSR02M
0	Tritium	1.17E-07±3.59E-07	U			6.19E-07	µCi/mL	GP	EPIA-002
0	Tritium	1.40E-07±3.50E-07	U			6.00E-07	µCi/mL	TM	EPA906.0M
0	Tritium	5.10E-07±3.80E-07	U			6.20E-07	µCi/mL	TM	EPA906.0M

WELL BGO 6A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 127 ft (38.71 m) below TOC
Water elevation: 158.6 ft (48.34 m) msl
pH: 7.2
Sp. conductance: 296 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 84 gal

Time: 16:26
Water temperature: 18.8°C
Air temperature: 14.2°C
Total alkalinity (as CaCO3): 144 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	157				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	41.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B

Well BGO 6A collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.34	U	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.38	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<26.6	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.30	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	8,880				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	210,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<354	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.4	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.50E-09±5.05E-09	U			8.81E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.15E-10±8.23E-10	U			1.88E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.34E-09±7.84E-10	U			1.55E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.18E-09±7.72E-10	U	V		9.75E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.01E-09±4.36E-10	J	I		7.76E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-4.70E-11±4.79E-10	U			1.12E-09	µCi/mL	GP	EPIA-004
0	Tritium	-7.46E-08±3.76E-07	U			6.64E-07	µCi/mL	GP	EPIA-002

WELL BGO 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 69.75 ft (21.26 m) below TOC
Water elevation: 217.05 ft (66.16 m) msl
pH: 10.9
Sp. conductance: 439 µS/cm
Turbidity: 2 NTU

Time: 13:15
Water temperature: 18.8°C
Air temperature: 14.1°C
Total alkalinity (as CaCO3): 103 mg/L
Phenolphthalein alkalinity: 85 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<42.8	U		6	10.0	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	27.3	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	67.5		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.80	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.26	U	V	CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	58.6	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	16.3				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	1,860			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<126,000	U		6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<326	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	13.2	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	14.1	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.62E-09±4.90E-09	U			8.39E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.70E-09±7.11E-10	J	I		9.38E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.13E-09±5.62E-10	J	I		1.07E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.08E-10±5.49E-10	U	V		6.54E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.21E-10±3.57E-10	U			7.45E-10	µCi/mL	GP	EPIA-009
0	Radium-228	8.14E-11±3.50E-10	U			7.75E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.89E-10±4.86E-10	U			1.01E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.31E-05±7.82E-07				6.59E-07	µCi/mL	GP	EPIA-002

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/20/99
Depth to water: 67.56 ft (20.59 m) below TOC
Water elevation: 218.04 ft (66.46 m) msl
pH: 6.8
Sp. conductance: 116 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 108 gal

Time: 8:23
Water temperature: 19.6°C
Air temperature: 16.9°C
Total alkalinity (as CaCO3): 54 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Aldrin	<0.0570	JU	Q		0.0570	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	59.0				26.8	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Aluminum, total recoverable	<36.0	U	V		146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	11.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	alpha-Benzene hexachloride	<0.0570	JU	Q		0.0570	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0570	JU	Q		0.0570	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0570	JU	Q		0.0570	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	0.180	J	I		1.60	µg/L	WA	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	alpha-Chlordane	<0.114	JU	Q		0.114	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.114	JU	Q		0.114	µg/L	WA	EPA8081A
0	4-Chloroaniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B

Well BGO 6C collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.20	J	I		7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	<10.2	U			10.2	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	p,p'-DDD	<0.114	JU	Q		0.114	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.114	JU	Q		0.114	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.114	JU	Q		0.114	µg/L	WA	EPA8081A
0	Diallate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.06	JU	K	CI	1.06	µg/L	WA	EPA8151A
0	2,4-Dichlorophenoxyacetic acid	<2.00	JU	K	CI	2.00	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Dieldrin	<0.114	JU	Q		0.114	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Dimethoate	<1.08	U			1.08	µg/L	WA	EPA8141A
0	2,4-Dimethyl phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Disulfoton	<1.08	U			1.08	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Endosulfan sulfate	<0.114	JU	Q		0.114	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0570	JU	Q		0.0570	µg/L	WA	EPA8081A
0	Endosulfan II	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Endosulfan II	<0.114	JU	Q		0.114	µg/L	WA	EPA8081A
0	Endrin	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Endrin	<0.114	JU	Q		0.114	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A

Well BGO 6C collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Endrin aldehyde	<0.114	JU	Q		0.114	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<1.25	U			1.25	µg/L	WA	EPA8141A
0	Famphur	<2.60	U			2.60	µg/L	WA	EPA8141A
0	Fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Heptachlor	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Heptachlor	<0.0570	JU	Q		0.0570	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0570	JU	Q		0.0570	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	U			250	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isodrin	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Isodrin	<0.227	JU	Q		0.227	µg/L	WA	EPA8081A
0	Isophorone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Kepone	<0.520	JU	Q		0.520	µg/L	WA	EPA8081A
0	Kepone	<1.14	JU	Q		1.14	µg/L	WA	EPA8081A
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Lindane	<0.0570	JU	Q		0.0570	µg/L	WA	EPA8081A
0	Lithium, total recoverable	0.950	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methapyrilene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.520	JU	Q		0.520	µg/L	WA	EPA8081A
0	Methoxychlor	<0.570	JU	Q		0.570	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	m-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	U			50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Parathion ethyl	<1.08	U			1.08	µg/L	WA	EPA8141A
0	Parathion methyl	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Parathion methyl	<1.08	U			1.08	µg/L	WA	EPA8141A
0	PCB 1016	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1016	<1.09	U			1.09	µg/L	WA	EPA8082
0	PCB 1221	<2.08	U			2.08	µg/L	WA	EPA8082
0	PCB 1221	<2.17	U			2.17	µg/L	WA	EPA8082
0	PCB 1232	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1232	<1.09	U			1.09	µg/L	WA	EPA8082

Well BGO 6C collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1242	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1242	<1.09	U			1.09	µg/L	WA	EPA8082
0	PCB 1248	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1248	<1.09	U			1.09	µg/L	WA	EPA8082
0	PCB 1254	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1254	<1.09	U			1.09	µg/L	WA	EPA8082
0	PCB 1260	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1260	<1.09	U			1.09	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phorate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Phorate	<1.08	U			1.08	µg/L	WA	EPA8141A
0	2-Picoline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	<558	U		6	340	µg/L	WA	EPA9056
0	Sulfate	<561	U		6	340	µg/L	WA	EPA9056
0	Sulfide	<10,000	U			10,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Sulfotepp	<1.08	U			1.08	µg/L	WA	EPA8141A
0	2,4,5-T	<0.530	U			0.530	µg/L	WA	EPA8151A
0	2,4,5-T	<1.00	U			1.00	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	1.82	J	I		5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Thionazin	<1.08	U			1.08	µg/L	WA	EPA8141A
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Total dissolved solids	<54,000	JU	Q	6	50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	<64,000	JU	Q	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<249	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	18.7	J	I	X	120	µg/L	WA	EPA9020B
0	Toxaphene	<5.20	JU	Q		5.20	µg/L	WA	EPA8081A
0	Toxaphene	<5.20	JU	Q		5.20	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.530	U			0.530	µg/L	WA	EPA8151A
0	2,4,5-TP (Silvex)	<1.00	U			1.00	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	4.15	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	O,O,O-Triethyl phosphorothioate	<1.08	U			1.08	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Actinium-228	1.32E-09±7.42E-09	U			8.56E-09	µCi/mL	GP	EPIA-013
0	Americium-241	6.60E-11±1.08E-10	U			1.98E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-2.82E-09±3.26E-09	U			5.11E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	3.48E-09±5.12E-09	U			8.66E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	4.18E-09±7.55E-09	U			1.26E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.32E-09±1.13E-09	U			1.84E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.20E-10±2.62E-09	U			2.14E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.05E-10±9.04E-10	U			1.60E-09	µCi/mL	GP	EPIA-013

Well BGO 6C collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cobalt-60	1.15E-09±1.33E-09	U			2.64E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			1.22E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.80E-11±2.56E-11	U			2.33E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			1.12E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-4.64E-10±3.17E-09	U			5.34E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-4.10E-09±3.15E-09	U			4.85E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.90E-10±3.34E-09	U			5.89E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	6.38E-10±5.12E-10	U			7.91E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	1.46E-10±2.29E-10	U			4.69E-10	µCi/mL	GP	EPIA-006
0	Lead-212	2.96E-09±3.21E-09	U			3.43E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.67E-10±1.07E-09	U			1.94E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-2.57E-11±2.97E-11	U			3.05E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	9.93E-10±5.84E-08	JU	L	I	1.00E-07	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	3.65E-10±6.05E-10	U			1.33E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-2.73E-11±3.90E-11	U			3.54E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.14E-10±1.63E-10	U			1.71E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	6.92E-09±2.69E-08	U			2.12E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	5.16E-11±1.85E-09	U			1.98E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-4.00E-10±1.76E-09	U			2.56E-09	µCi/mL	GP	EPIA-013
0	Radium-226	9.93E-10±6.75E-10	J	I		7.33E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.98E-11±4.18E-10	U			8.85E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-5.36E-09±9.05E-09	U			1.54E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.46E-09±1.12E-09	U			1.74E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-2.38E-10±4.94E-10	U			1.21E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	3.86E-10±9.76E-09	U			2.02E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-7.74E-11±2.11E-10	U			5.77E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	7.00E-11±1.27E-10	U			2.72E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	<0.00E+00	U			9.05E-11	µCi/mL	GP	EPIA-012
2	Tritium	6.78E-04±1.33E-05				1.88E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	-3.74E-12±7.43E-11	U			2.30E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.88E-11±7.10E-11	U			1.90E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	7.49E-12±7.25E-11	U			2.11E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-2.51E-10±1.05E-09	U			1.93E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3.09E-09±1.34E-09	U			3.52E-09	µCi/mL	GP	EPIA-013

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 56.38 ft (17.18 m) below TOC
Water elevation: 229.12 ft (69.84 m) msl
pH: 5.6
Sp. conductance: 64 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 20 gal

Time: 10:33
Water temperature: 21.5°C
Air temperature: 24.8°C
Total alkalinity (as CaCO3): 25 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<17.7	U		6	26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	27.8	J	I		146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	28.4	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	17.5				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	6,650				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,530				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<4.99	U		8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.00	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	6.83				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	1.46	J	I		5.00	µg/L	WA	EPA8260B
2	1,1-Dichloroethylene	9.88				5.00	µg/L	WA	EPA8260B

Well BGO 6D collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<9.10	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<23.3	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	46.2	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	61.0	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	5.90	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.840	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	725				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,250				40.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	304				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	8,670				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,290				285	µg/L	WA	EPA6010B
0	Sulfate	<408	U		6	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	22.4				5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<51,000	JU	Q	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<262	U		6	1,000	µg/L	WA	EPA9060
2	Total organic halogens	228				120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	1.28	J	I		5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	177				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	20.0	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.03E-09±4.90E-09	U			8.56E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.36E-10±4.96E-10	U			8.12E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.26E-10±6.83E-10	U			1.49E-09	µCi/mL	GP	EPIA-001
0	Radium-226	3.06E-10±6.01E-10	U			1.10E-09	µCi/mL	GP	EPIA-008
0	Radium-228	2.25E-10±4.80E-10	U			9.92E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	3.34E-10±5.36E-10	U			1.16E-09	µCi/mL	GP	EPIA-004
2	Tritium	1.22E-03±2.39E-05				2.62E-06	µCi/mL	GP	EPIA-002

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 57.17 ft (17.43 m) below TOC
Water elevation: 229.83 ft (70.05 m) msl
pH: 4.9
Sp. conductance: 25 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 20 gal

Time: 9:53
Water temperature: 20.8°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acetophenone	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B

Well BGO 7D collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Aldrin	<0.0540	U			0.0540	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	<1.97	U	V		13.4	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	26.3	J	I		146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Aniline	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Aramite	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	6.30				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	alpha-Benzene hexachloride	<0.0540	U			0.0540	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0540	U			0.0540	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0540	U			0.0540	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Benzoic acid	<52.0	U			52.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	U			50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<100	U			100	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	680				471	µg/L	WA	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.104	U			0.104	µg/L	WA	EPA8081A
0	alpha-Chlordane	<0.108	U			0.108	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.104	U			0.104	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.108	U			0.108	µg/L	WA	EPA8081A
0	Chloride	2,370				210	µg/L	WA	EPA9056
0	4-Chloroaniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.06	U		8	5.00	µg/L	WA	EPA8260B

Well BGO 7D collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chrysene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.00	J	I		15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	<10.4	U			10.4	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<22.0	U			22.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<20.0	U			20.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Cyanide	1.60	J	I		15.2	µg/L	WA	EPA9014
0	Cyanide	1.60	J	I		15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.104	U			0.104	µg/L	WA	EPA8081A
0	p,p'-DDD	<0.109	U			0.109	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.104	U			0.104	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.109	U			0.109	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.104	U			0.104	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.109	U			0.109	µg/L	WA	EPA8081A
0	Diallate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diallate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	3.83	J	I		10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	7.38				5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.85	U	V		5.00	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.02	JU	K	CI	1.02	µg/L	WA	EPA8151A
0	2,4-Dichlorophenoxyacetic acid	<2.22	JU	K	CI	2.22	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Dieldrin	<0.109	U			0.109	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.520	JU	L	C	0.520	µg/L	WA	EPA8141A
0	Dimethoate	<1.08	JU	L	C	1.08	µg/L	WA	EPA8141A
0	2,4-Dimethyl phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C

Well BGO 7D collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	7,12-Dimethylbenz(a)anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Disulfoton	<1.08	U			1.08	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Endosulfan sulfate	<0.109	U			0.109	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0540	U			0.0540	µg/L	WA	EPA8081A
0	Endosulfan II	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Endosulfan II	<0.109	U			0.109	µg/L	WA	EPA8081A
0	Endrin	<0.104	JU	K	C	0.104	µg/L	WA	EPA8081A
0	Endrin	<0.109	JU	K	C	0.109	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.109	U			0.109	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<1.25	U			1.25	µg/L	WA	EPA8141A
0	Famphur	<2.60	U			2.60	µg/L	WA	EPA8141A
0	Fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Fluoranthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Fluorene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Fluoride	<111	U	V		40.0	µg/L	WA	EPA340.2
0	Heptachlor	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Heptachlor	<0.0540	U			0.0540	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0540	U			0.0540	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	U			250	µg/L	WA	EPA8270C
0	Hexachlorophene	<500	U			500	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<17.4	U	V		74.0	µg/L	WA	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isodrin	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Isodrin	<0.217	U			0.217	µg/L	WA	EPA8081A
0	Isophorone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Isophorone	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Isosafrole	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Kepone	<0.520	U			0.520	µg/L	WA	EPA8081A
0	Kepone	<1.08	U			1.08	µg/L	WA	EPA8081A
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Lindane	<0.0540	U			0.0540	µg/L	WA	EPA8081A

Well BGO 7D collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lithium, total recoverable	1.20	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	421				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methapyrilene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methapyrilene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.520	U			0.520	µg/L	WA	EPA8081A
0	Methoxychlor	<0.540	U			0.540	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Naphthalene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	681				20.0	µg/L	WA	EPA353.2
0	m-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<52.0	U			52.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<52.0	U			52.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<52.0	U			52.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<40.0	U			40.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	U			50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<100	U			100	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Parathion ethyl	<1.08	U			1.08	µg/L	WA	EPA8141A
0	Parathion methyl	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Parathion methyl	<1.08	U			1.08	µg/L	WA	EPA8141A
0	PCB 1016	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1016	<1.07	U			1.07	µg/L	WA	EPA8082
0	PCB 1221	<2.04	U			2.04	µg/L	WA	EPA8082
0	PCB 1221	<2.13	U			2.13	µg/L	WA	EPA8082
0	PCB 1232	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1232	<1.07	U			1.07	µg/L	WA	EPA8082
0	PCB 1242	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1242	<1.07	U			1.07	µg/L	WA	EPA8082
0	PCB 1248	<1.02	U			1.02	µg/L	WA	EPA8082

Well BGO 7D collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1248	<1.07	U			1.07	µg/L	WA	EPA8082
0	PCB 1254	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1254	<1.07	U			1.07	µg/L	WA	EPA8082
0	PCB 1260	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1260	<1.07	U			1.07	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<100	U			100	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenacetin	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Phorate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Phorate	<1.08	U			1.08	µg/L	WA	EPA8141A
0	2-Picoline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Picoline	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Potassium, total recoverable	142	J	I		187	µg/L	WA	EPA6010B
0	Pronamid	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pronamid	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pyrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pyridine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Safrole	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,970	J	K	I	1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.610	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,670				285	µg/L	WA	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	1,110	J		X	340	µg/L	WA	EPA9056
0	Sulfide	<10,000	U			10,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Sulfotepp	<1.08	U			1.08	µg/L	WA	EPA8141A
0	2,4,5-T	<0.510	JU	K	CI	0.510	µg/L	WA	EPA8151A
0	2,4,5-T	<1.11	JU	K	CI	1.11	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Tetrachloroethylene	4.02	J	I		5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Thionazin	<1.08	U			1.08	µg/L	WA	EPA8141A
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Total dissolved solids	14,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	545	J	I		1,000	µg/L	WA	EPA9060
0	Total organic carbon	581	J	I		1,000	µg/L	WA	EPA9060
1	Total organic halogens	65.0	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	54.7	J	I		67.0	µg/L	WA	EPA365.2
0	Toxaphene	<5.20	U			5.20	µg/L	WA	EPA8081A
0	Toxaphene	<5.40	U			5.40	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.510	U			0.510	µg/L	WA	EPA8151A
0	2,4,5-TP (Silvex)	<1.11	U			1.11	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	40.8				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C

Well BGO 7D collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2,4,5-Trichlorophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	O,O,O-Triethyl phosphorothioate	<1.08	U			1.08	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Actinium-228	8.89E-09±6.42E-09	U			1.27E-08	µCi/mL	GP	EPIA-013
0	Americium-241	8.73E-11±1.24E-10	U			1.31E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-5.18E-09±4.51E-09	U			7.32E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	3.94E-09±4.25E-09	U			7.13E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	-1.89E-09±1.13E-08	U			1.93E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	2.22E-10±1.72E-09	U			2.66E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-6.01E-10±1.59E-09	U			2.67E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	3.02E-10±1.51E-09	U			2.63E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.48E-09±1.74E-09	U			3.45E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.16E-11±2.33E-11	U			2.55E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	<0.00E+00	U			1.31E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.36E-11±8.75E-11	U			1.31E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-2.03E-09±4.56E-09	U			7.93E-09	µCi/mL	GP	EPIA-013
0	Europium-154	9.68E-09±6.70E-09	R		4	8.34E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.05E-09±5.95E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.17E-09±4.78E-10	J	I		5.26E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	2.71E-10±5.34E-10	U			9.42E-10	µCi/mL	GP	EPIA-006
0	Lead-212	1.29E-09±4.78E-09	U			6.06E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.70E-10±1.66E-09	U			2.98E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-1.46E-11±2.07E-11	U			2.35E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	-8.97E-09±5.83E-08	JU	L	I	1.01E-07	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	8.09E-10±4.96E-10	U			9.72E-10	µCi/mL	GP	EPIA-001
0	Plutonium-238	-1.36E-11±2.72E-11	U			2.98E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.13E-10±1.61E-10	U			1.69E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	4.79E-08±2.22E-08	R		4	4.61E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.25E-09±1.52E-09	U			2.83E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.64E-10±2.23E-09	U			3.90E-09	µCi/mL	GP	EPIA-013
1	Radium-226	2.79E-09±1.04E-09	J	I		9.12E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.40E-10±6.70E-10	U			1.33E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.14E-08±1.42E-08	U			2.64E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	3.46E-09±2.38E-09	J	I		3.02E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.25E-10±4.94E-10	U			1.13E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1.88E-10±9.50E-09	U			1.96E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-4.41E-11±2.28E-10	U			6.19E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	<0.00E+00	U			1.11E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-8.91E-12±1.79E-11	U			1.96E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.27E-04±4.47E-06				9.54E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.30E-10±1.28E-10	U			2.00E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	3.00E-11±6.92E-11	U			1.63E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	3.55E-11±6.81E-11	U			1.45E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.20E-09±1.98E-09	U			3.66E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	4.82E-10±4.29E-09	U			6.79E-09	µCi/mL	GP	EPIA-013

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/20/99
Depth to water: 66.65 ft (20.32 m) below TOC
Water elevation: 221.25 ft (67.44 m) msl
pH: 6.8
Sp. conductance: 87 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 161 gal

Time: 9:34
Water temperature: 20°C
Air temperature: 22.2°C
Total alkalinity (as CaCO3): 36 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	33.0				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	24.6	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<55.1	U	V		50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<2.70	JU	I	4	27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

Well BGO 8C collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Arsenic, total recoverable	<4.10	U	V		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	7.03				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	6.70				1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	9.46	J	I		50.0	µg/L	GE	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.45	J	I		5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	2.60	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.56	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	6.40	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<2.77	U	V		5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<8.06	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<7.70	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.81				2.00	µg/L	GE	EPA6020
0	Lithium, total recoverable	3.00				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	0.199	J	I		0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	43.4	R			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.80	U	V		5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	953				200	µg/L	GE	EPA300.0
0	Sulfate	946				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B

Well BGO 8C collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	148,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	<45,000	JU	Q	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<488	U	V	6	500	µg/L	GE	EPA9060
0	Total organic carbon	<395	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<10.0	U			10.0	µg/L	GE	EPA9020B
0	Total organic halogens	14.1	J	I	X	120	µg/L	WA	EPA9020B
0	Total organic halogens	19.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	30.5				5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	21.9	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.02E-08±5.35E-09	J	I		8.65E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.82E-10±3.53E-10	U			6.81E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.40E-10±3.60E-10	U			6.30E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.42E-09±6.50E-10	J	I		6.30E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	7.84E-10±5.93E-10	U			1.20E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.30E-10±9.90E-10	U			1.52E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	6.90E-10±1.00E-09	U			1.52E-09	µCi/mL	TM	EPA900.0M
0	Radium-226	4.95E-10±5.81E-10	U			9.19E-10	µCi/mL	GP	EPIA-008
0	Radium-226	2.30E-10±2.00E-10	U			3.00E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	4.10E-10±2.70E-10	R		46	4.10E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	1.76E-10±3.70E-10	U			7.66E-10	µCi/mL	GP	EPIA-009
0	Radium-228	-3.70E-10±7.00E-10	U			1.86E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	1.43E-09±8.00E-10	U			1.64E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	-4.84E-10±7.11E-10	U			1.68E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	4.00E-10±6.10E-10	U			1.46E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	7.00E-11±5.90E-10	U			1.48E-09	µCi/mL	TM	EMLSR02M
2	Tritium	5.16E-05±1.41E-06				6.47E-07	µCi/mL	GP	EPIA-002
2	Tritium	5.20E-05±1.74E-06				7.40E-07	µCi/mL	TM	EPA906.0M
2	Tritium	4.63E-05±1.59E-06				6.90E-07	µCi/mL	TM	EPA906.0M

WELL BGO 8C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/20/99
Depth to water: 66.65 ft (20.32 m) below TOC
Water elevation: 221.25 ft (67.44 m) msl
pH: 6.8
Sp. conductance: 87 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 161 gal

Time: 9:34
Water temperature: 20°C
Air temperature: 22.2°C
Total alkalinity (as CaCO3): 36 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	27.5				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	111	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	6.30				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	14.7	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 8C collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.84	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<11.9	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.40				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	975				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<51,000	JU	Q	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<229	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	16.8	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	23.7	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-4.55E-09±4.77E-09	U			8.55E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.87E-10±3.89E-10	U			7.17E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.06E-10±5.68E-10	U			1.17E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.52E-09±8.73E-10	U		6	1.02E-09	µCi/mL	GP	EPIA-008
0	Radium-228	3.19E-10±3.63E-10	U			7.56E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.94E-10±8.12E-10	U			1.92E-09	µCi/mL	GP	EPIA-004
2	Tritium	4.62E-05±1.31E-06				6.29E-07	µCi/mL	GP	EPIA-002

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 57.87 ft (17.64 m) below TOC
Water elevation: 229.93 ft (70.08 m) msl
pH: 5.5
Sp. conductance: 26 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 54 gal

Time: 13:44
Water temperature: 19.2°C
Air temperature: 16.3°C
Total alkalinity (as CaCO3): 10 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<10.8	U		6	10.0	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	32.6	J	I		146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	40.2	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	12.1		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	832				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloride	2,320				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B

Well BGO 8D collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.38	U	V	CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Fluoride	<18.4	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	11.0	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.320	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	583				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	0.160	J	I		0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	574		V		20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	303				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,690				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,410				285	µg/L	WA	EPA6010B
0	Sulfate	863			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<41,000	U		6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<542	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	22.0	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
1	Trichlorofluoromethane	12.9			CX	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	5.61E-08±6.59E-09				8.33E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.87E-09±5.91E-10				5.88E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.64E-09±6.02E-10	J	I		1.09E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.34E-10±6.12E-10	U	V		7.75E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.43E-10±3.19E-10	U			6.92E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	6.11E-10±5.47E-10	U			1.12E-09	µCi/mL	GP	EPIA-004
2	Tritium	1.77E-04±3.51E-06				9.28E-07	µCi/mL	GP	EPIA-002

WELL BGO 9AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/12/99
Depth to water: 127.75 ft (38.94 m) below TOC
Water elevation: 157.05 ft (47.87 m) msl
pH: 11.8
Sp. conductance: 7,340 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:30
Water temperature: 18.4°C
Air temperature: 14.3°C
Total alkalinity (as CaCO3): 1640 mg/L
Phenolphthalein alkalinity: 1640 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	1,670				53.6	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	467				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<4.00	U	V		27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	6.20	J	I		40.0	µg/L	WA	EPA6010B
1	Barium, total recoverable	1,160				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	27.5	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B

Well BGO 9AA collected on 11/12/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.10	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	4.60	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.03	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.84	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	7.50	J	I		74.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	46.9	J	I		47.0	µg/L	WA	EPA6010B
2	Lithium, total recoverable	1,250				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	4.50	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	5.96	J	I		37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	3,350	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	2.38	J	IL	O	5.00	µg/L	WA	EPA8260B
0	Toluene	2.13	J	IL	O	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	1,160,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	6,870				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U		X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	4.74E-09±4.26E-09	U			7.09E-09	µCi/mL	GP	EPIA-003
1	Gross alpha	1.11E-08±3.65E-09	J	I		4.90E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.44E-08±4.20E-09				4.36E-09	µCi/mL	GP	EPIA-001
2	Radium-226	1.40E-08±2.13E-09				2.29E-10	µCi/mL	GP	EPIA-008
1	Radium-228	2.88E-09±6.15E-10	J	K	C	9.43E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	5.74E-10±4.49E-10	U			9.19E-10	µCi/mL	GP	EPIA-004
0	Tritium	4.48E-08±3.35E-07	U			5.83E-07	µCi/mL	GP	EPIA-002

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 54.98 ft (16.76 m) below TOC
Water elevation: 230.12 ft (70.14 m) msl
pH: 8
Sp. conductance: 20 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:50
Water temperature: 22.5°C
Air temperature: 25.2°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	6.39	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	24.2	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	55.0	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	10.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	698				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,370				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.10	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	25.4				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.95	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<17.4	U	V		40.0	µg/L	WA	EPA340.2
1	Iron, total recoverable	158				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	293				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.520	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	321				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	546				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	114	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,190				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,490				285	µg/L	WA	EPA6010B
0	Sulfate	494				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	39,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	237	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	15.8	J	I	X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	7.10	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.52E-09±5.05E-09	U			8.59E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.99E-09±7.43E-10	J	I		8.93E-10	µCi/mL	GP	EPIA-001

Well BGO 9D collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nonvolatile beta	8.48E-10±5.97E-10	U			1.19E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.29E-10±5.40E-10	J	I		2.82E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.27E-10±3.61E-10	U			7.55E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.74E-10±5.89E-10	U			1.35E-09	µCi/mL	GP	EPIA-004
2	Tritium	1.86E-04±3.68E-06				9.46E-07	µCi/mL	GP	EPIA-002

WELL BGO 10AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 143.85 ft (43.85 m) below TOC
Water elevation: 156.85 ft (47.81 m) msl
pH: 7.4
Sp. conductance: 177 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 165 gal

Time: 12:06
Water temperature: 19.4°C
Air temperature: 18°C
Total alkalinity (as CaCO3): 87 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	85.7				10.0	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	25.2	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	47.2		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.10	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.72	U	V	CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	19.9	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.20	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	16.4				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	6,630			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	134,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<264	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	28.7	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-5.52E-09±4.56E-09	U			8.27E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.85E-09±7.59E-10	J	I		1.01E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.75E-09±6.60E-10				1.06E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.05E-09±5.95E-10	U	V		2.38E-10	µCi/mL	GP	EPIA-008

Well BGO 10AA collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Radium-228	4.99E-10±4.40E-10	U			9.01E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.09E-09±1.07E-09	U	V		2.06E-09	µCi/mL	GP	EPIA-004
0	Tritium	-1.57E-07±3.64E-07	U			6.49E-07	µCi/mL	GP	EPIA-002

WELL BGO 10AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 143.12 ft (43.62 m) below TOC
Water elevation: 157.38 ft (47.97 m) msl
pH: 7.4
Sp. conductance: 224 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 173 gal

Time: 8:11
Water temperature: 19.2°C
Air temperature: 18°C
Total alkalinity (as CaCO3): 101 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	110				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	82.5				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<15.8	U	V		50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	19.0				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	18.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	9.62	J	I		50.0	µg/L	GE	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	<0.860	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<3.10	U	V		5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<6.72	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 10AR collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<20.7	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	5.73				2.00	µg/L	GE	EPA6020
0	Lithium, total recoverable	5.40				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	0.172	J	I		0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.26	U	V		5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	7,040				200	µg/L	GE	EPA300.0
0	Sulfate	7,270				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<50,000	U		6	10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	<47,000	U		6	10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	183,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<1,260	U	V	6	500	µg/L	GE	EPA9060
0	Total organic carbon	<364	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<10.0	U			10.0	µg/L	GE	EPA9020B
0	Total organic halogens	25.2	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<3.92	U	V		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.07E-09±5.05E-09	U			8.82E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	7.91E-10±7.44E-10	U			1.32E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	1.66E-09±8.30E-10	J	I		8.50E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.47E-09±7.27E-10	J	I		1.38E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.92E-09±1.12E-09	J	I		1.61E-09	µCi/mL	TM	EPA900.0M
1	Radium-226	2.74E-09±1.03E-09	J	I		6.98E-10	µCi/mL	GP	EPIA-008
0	Radium-226	2.10E-10±1.90E-10	U			2.50E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	9.68E-11±3.62E-10	U			7.79E-10	µCi/mL	GP	EPIA-009
0	Radium-228	5.50E-10±7.40E-10	U			1.72E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	1.47E-10±4.84E-10	U			1.06E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-1.11E-09±6.20E-10	U			1.81E-09	µCi/mL	TM	EMLSR02M
0	Tritium	-1.95E-07±3.59E-07	U			6.44E-07	µCi/mL	GP	EPIA-002
0	Tritium	-3.50E-07±3.80E-07	U			7.20E-07	µCi/mL	TM	EPA906.0M

WELL BGO 10AR Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 143.12 ft (43.62 m) below TOC
Water elevation: 157.38 ft (47.97 m) msl
pH: 7.4
Sp. conductance: 224 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 173 gal

Time: 8:11
Water temperature: 19.2°C
Air temperature: 18°C
Total alkalinity (as CaCO3): 101 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	123				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B

Well BGO 10AR collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	21.6				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.72	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<11.6	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	6.90				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	7,480				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	176,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<744	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	33.3	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.99E-09±4.79E-09	U			8.55E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	-3.37E-09±4.84E-09	U			8.60E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.36E-10±5.56E-10	U			1.04E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.50E-09±6.71E-10	J	I		1.26E-09	µCi/mL	GP	EPIA-001
0	Radium-226	3.73E-10±5.79E-10	U			1.01E-09	µCi/mL	GP	EPIA-008
0	Radium-228	-1.58E-10±3.99E-10	U			8.72E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	3.58E-10±5.84E-10	U			1.27E-09	µCi/mL	GP	EPIA-004
0	Tritium	-1.44E-07±3.55E-07	U			6.34E-07	µCi/mL	GP	EPIA-002

WELL BGO 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 83.42 ft (25.43 m) below TOC
Water elevation: 217.58 ft (66.32 m) msl
pH: 8.8
Sp. conductance: 197 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 125 gal

Time: 12:31
Water temperature: 19.4°C
Air temperature: 17.3°C
Total alkalinity (as CaCO3): 76 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	73.8				10.0	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	56.3	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B

Well BGO 10B collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	21.9		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	60.2	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.65	U	V	CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	24.7	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	6.20				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	5,070			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	152,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<377	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	20.8	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.64E-10±4.78E-09	U			8.26E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.11E-10±6.46E-10	U			1.35E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.79E-09±6.62E-10	J	I		1.14E-09	µCi/mL	GP	EPIA-001
0	Radium-226	4.15E-10±4.88E-10	U			7.71E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.73E-10±5.94E-10	U			1.24E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	6.82E-10±6.59E-10	U			1.38E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.49E-05±1.01E-06				6.54E-07	µCi/mL	GP	EPIA-002

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 82.66 ft (25.2 m) below TOC
Water elevation: 218.64 ft (66.64 m) msl
pH: 7
Sp. conductance: 217 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:02
Water temperature: 21.8°C
Air temperature: 17.6°C
Total alkalinity (as CaCO3): 15 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	103				10.0	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	138	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	29.1		V		1.80	µg/L	WA	EPA6010B

Well BGO 10C collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	52.5	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		CX	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	6.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	4.20	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.65	U	V	CX	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
1	Iron, total recoverable	266				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.10	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	3,670			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	6,150,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<524	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		CX	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	16.7	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.83E-10±4.80E-09	U			8.34E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.33E-09±9.68E-10	J	I		1.09E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.53E-09±7.02E-10	J	I		1.32E-09	µCi/mL	GP	EPIA-001
0	Radium-226	3.39E-10±4.69E-10	U			7.86E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-3.82E-11±4.53E-10	U			1.03E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	2.77E-10±5.57E-10	U			1.23E-09	µCi/mL	GP	EPIA-004
0	Tritium	-8.44E-08±3.74E-07	U			6.62E-07	µCi/mL	GP	EPIA-002

WELL BGO 10DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 70.95 ft (21.63 m) below TOC
Water elevation: 229.45 ft (69.94 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 2 gal

Time: 9:29
Water temperature: Not available
Air temperature: 13.2°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	2.14E-07±1.00E-08				8.35E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.17E-09±9.31E-10				8.08E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.11E-09±6.64E-10	J	I		1.08E-09	µCi/mL	GP	EPIA-001
0	Radium-226	0.00E+00±4.21E-10	U			9.46E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.12E-09±6.56E-10	U			1.25E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	2.59E-10±4.19E-10	U			9.10E-10	µCi/mL	GP	EPIA-004
1	Tritium	1.52E-05±8.28E-07				6.57E-07	µCi/mL	GP	EPIA-002

WELL BGO 10DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 70.95 ft (21.63 m) below TOC
Water elevation: 229.45 ft (69.94 m) msl
pH: 6.1
Sp. conductance: 71 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:22
Water temperature: 19.5°C
Air temperature: 17.3°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	27.1				10.0	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	34.9	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	115	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	51.5		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	32.8	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	13,500				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,320				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.50	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.30	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.90	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	18.3	J	I		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	47.0	J	I		74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	194				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.90	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	12.7				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	584				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	4.40	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,280				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	698				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,820				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,990				285	µg/L	WA	EPA6010B
0	Sulfate	1,060			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<77,000	U		6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	3,260				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	32.6	J	I		53.0	µg/L	WA	EPA6010B

WELL BGO 11DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/11/99
Depth to water: 75.98 ft (23.16 m) below TOC
Water elevation: 229.22 ft (69.87 m) msl
pH: 4.6
Sp. conductance: 34 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 30 gal

Time: 10:34
Water temperature: 20.5°C
Air temperature: 30.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	14.8				26.8	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	12.8	J	I		26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	58.3	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	75.2	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	7.50				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	7.80				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<0.900	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<0.940	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	8.19				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	2.28	J	I		5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<19.8	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<10.7	U	V		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<10.1	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.530	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.410	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	0.120	J	I		0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	395	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	17,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	17,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	490	J	I		1,000	µg/L	WA	EPA9060
1	Total organic halogens	65.0	J	I	X	120	µg/L	WA	EPA9020B

Well BGO 11DR collected on 11/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,1-Trichloroethane	1.79	J	I		5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.03E-08±4.80E-09	R		4	7.28E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.10E-09±8.99E-10				4.71E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.95E-09±6.19E-10				9.21E-10	µCi/mL	GP	EPIA-001
1	Radium-226	4.68E-09±1.33E-09				9.53E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-4.31E-10±5.15E-10	U			1.21E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	3.55E-11±4.92E-10	JU	L	CI	1.09E-09	µCi/mL	GP	EPIA-004
2	Tritium	1.14E-01±1.42E-03				2.72E-05	µCi/mL	GP	EPIA-002

WELL BGO 12AX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 156.4 ft (47.67 m) below TOC
Water elevation: 156.4 ft (47.67 m) msl
pH: 6.3
Sp. conductance: 190 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 63 gal

Time: 13:39
Water temperature: 19.5°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 82 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	41.8				10.0	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	44.4	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	22.2		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.60	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.79	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	10.3	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.20	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.60	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	7,350			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 12AX collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total dissolved solids	113,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	260	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	20.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	6.40	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.01E-09±4.67E-09	U			8.30E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.17E-10±3.63E-10	U			6.92E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	9.77E-10±6.44E-10	J	I		9.24E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.71E-09±6.97E-10				1.19E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.06E-09±6.43E-10	U			1.27E-09	µCi/mL	GP	EPIA-001
0	Radium-226	6.82E-10±4.72E-10	U	V		2.31E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.99E-10±4.62E-10	U			8.80E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.67E-11±5.25E-10	U			1.22E-09	µCi/mL	GP	EPIA-004
0	Tritium	-1.49E-07±3.64E-07	U			6.49E-07	µCi/mL	GP	EPIA-002

WELL BGO 12CX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 84.36 ft (25.71 m) below TOC
Water elevation: 228.94 ft (69.78 m) msl
pH: 5.8
Sp. conductance: 38 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:17
Water temperature: 19.4°C
Air temperature: 20.7°C
Total alkalinity (as CaCO3): 7 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	13.8	J	I		26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	46.3	J	I		146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	30.9	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	8.00				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	7.70				1.80	µg/L	WA	EPA6010B
0	Benzene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromoform	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Chloroform	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.20	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.90	J	I		15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	4.10	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dichloromethane	<48.9	U		8	10.0	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Ethylbenzene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iron, total recoverable	118				74.0	µg/L	WA	EPA6010B

Well BGO 12CX collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Iron, total recoverable	104				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.80	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.40	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.10	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	697				340	µg/L	WA	EPA9056
0	Sulfate	697				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Total dissolved solids	6,000	J	IL	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	176	J	I		1,000	µg/L	WA	EPA9060
1	Total organic halogens	79.2	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Trichloroethylene	87.0				10.0	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Zinc, total recoverable	25.4	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	25.4	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.50E-09±4.77E-09	U			8.50E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.12E-10±5.16E-10	U			9.22E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.36E-09±6.71E-10	J	I		1.28E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.17E-10±6.08E-10	U			8.32E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.39E-10±3.38E-10	U			6.61E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	6.24E-11±4.39E-10	U			1.00E-09	µCi/mL	GP	EPIA-004
0	Tritium	6.16E-06±6.16E-07				6.89E-07	µCi/mL	GP	EPIA-002

WELL BGO 12DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 95.26 ft (29.04 m) below TOC
Water elevation: 218.34 ft (66.55 m) msl
pH: 10.8
Sp. conductance: 713 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 14:37
Water temperature: 20.4°C
Air temperature: 21.6°C
Total alkalinity (as CaCO3): 183 mg/L
Phenolphthalein alkalinity: 153 mg/L
Field Qualifier(s): VH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetophenone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0530	U			0.0530	µg/L	WA	EPA8081A
0	Aldrin	<0.0570	U			0.0570	µg/L	WA	EPA8081A

Well BGO 12DR collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	84.7				26.8	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Aluminum, total recoverable	189				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	190				146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aniline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Aramite	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	4.70	J	I		40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	54.4				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	55.2				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0530	U			0.0530	µg/L	WA	EPA8081A
0	alpha-Benzene hexachloride	<0.0570	U			0.0570	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0530	U			0.0530	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0570	U			0.0570	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0530	U			0.0530	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0570	U			0.0570	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
1	Benzoic acid	9.02	J	IQ		52.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<100	JU	Q		100	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.106	U			0.106	µg/L	WA	EPA8081A
0	alpha-Chlordane	<0.114	U			0.114	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.106	U			0.106	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.114	U			0.114	µg/L	WA	EPA8081A
0	4-Chloroaniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B

Well BGO 12DR collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.70	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.20	J	I		7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chrysene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	1.95	J	I		4.50	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	1.98	J	I		4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	JU	Q		15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.106	U			0.106	µg/L	WA	EPA8081A
0	p,p'-DDD	<0.114	U			0.114	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.106	U			0.106	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.114	U			0.114	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.106	U			0.106	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.114	U			0.114	µg/L	WA	EPA8081A
0	Diallate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diallate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.02	JU	L	IX	1.02	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.106	U			0.106	µg/L	WA	EPA8081A
0	Dieldrin	<0.114	U			0.114	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.505	JU	L	C	0.505	µg/L	WA	EPA8141A
0	2,4-Dimethyl phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C

Well BGO 12DR collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	p-Dimethylaminoazobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.106	U			0.106	µg/L	WA	EPA8081A
0	Endosulfan sulfate	<0.114	U			0.114	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0530	U			0.0530	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0570	U			0.0570	µg/L	WA	EPA8081A
0	Endosulfan II	<0.106	U			0.106	µg/L	WA	EPA8081A
0	Endosulfan II	<0.114	U			0.114	µg/L	WA	EPA8081A
0	Endrin	<0.106	JU	K	I	0.106	µg/L	WA	EPA8081A
0	Endrin	<0.114	JU	K	I	0.114	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.106	U			0.106	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.114	U			0.114	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<1.21	U			1.21	µg/L	WA	EPA8141A
0	Fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluorene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Heptachlor	<0.0530	U			0.0530	µg/L	WA	EPA8081A
0	Heptachlor	<0.0570	U			0.0570	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0530	U			0.0530	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0570	U			0.0570	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	JU	Q		250	µg/L	WA	EPA8270C
0	Hexachlorophene	<500	JU	Q		500	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<12.5	U	V		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<12.8	U	V		74.0	µg/L	WA	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isodrin	<0.106	U			0.106	µg/L	WA	EPA8081A
0	Isodrin	<0.227	U			0.227	µg/L	WA	EPA8081A
0	Isophorone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isophorone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isosafrole	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Kepone	<0.530	U			0.530	µg/L	WA	EPA8081A
0	Kepone	<1.14	U			1.14	µg/L	WA	EPA8081A
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B

Well BGO 12DR collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lindane	<0.0530	U			0.0530	µg/L	WA	EPA8081A
0	Lindane	<0.0570	U			0.0570	µg/L	WA	EPA8081A
0	Lithium, total recoverable	12.7				2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	12.7				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methapyrilene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methapyrilene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.530	U			0.530	µg/L	WA	EPA8081A
0	Methoxychlor	<0.570	U			0.570	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Naphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	m-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<100	JU	Q		100	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Parathion methyl	<0.505	U			0.505	µg/L	WA	EPA8141A
0	PCB 1016	<1.03	U			1.03	µg/L	WA	EPA8082
0	PCB 1221	<2.06	U			2.06	µg/L	WA	EPA8082
0	PCB 1232	<1.03	U			1.03	µg/L	WA	EPA8082
0	PCB 1242	<1.03	U			1.03	µg/L	WA	EPA8082
0	PCB 1248	<1.03	U			1.03	µg/L	WA	EPA8082
0	PCB 1254	<1.03	U			1.03	µg/L	WA	EPA8082
0	PCB 1260	<1.03	U			1.03	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C

Well BGO 12DR collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Pentachlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<100	JU	Q		100	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenacetin	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenol	6.29	J	IQ		20.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Phorate	<0.505	U			0.505	µg/L	WA	EPA8141A
0	2-Picoline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Picoline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pronamid	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyridine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Safrole	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	17,300				680	µg/L	WA	EPA9056
0	Sulfide	<20,000	U			20,000	µg/L	WA	EPA9034
0	Sulfide	<20,000	U			20,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.505	U			0.505	µg/L	WA	EPA8141A
0	2,4,5-T	<0.510	JU	L	IX	0.510	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Total dissolved solids	135,000				50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	130,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	402	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	22.2	J	I		120	µg/L	WA	EPA9020B
0	Toxaphene	<5.30	U			5.30	µg/L	WA	EPA8081A
0	Toxaphene	<5.20	U			5.20	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.510	JU	L	IX	0.510	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.55	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.505	U			0.505	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	8.90				6.90	µg/L	WA	EPA6010B
0	Vanadium, total recoverable	8.60				6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B

Well BGO 12DR collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Actinium-228	7.34E-09±9.09E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
0	Americium-241	<0.00E+00	U			5.08E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	1.27E-09±3.33E-09	U			5.75E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	4.53E-10±5.35E-09	U			9.22E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	-6.76E-09±9.05E-09	U			1.53E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.99E-10±1.29E-09	U			1.97E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	6.53E-09±1.82E-09	R		4	3.54E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.52E-09±1.15E-09	U			1.90E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-3.30E-10±1.41E-09	U			2.52E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			5.55E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	<0.00E+00	U			5.09E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			5.08E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-5.08E-10±3.78E-09	U			6.34E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.98E-09±4.52E-09	U			6.38E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.26E-11±4.71E-09	U			8.29E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	4.95E-10±5.17E-10	U			7.17E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	3.04E-10±4.28E-10	U			4.34E-10	µCi/mL	GP	EPIA-006
0	Lead-212	3.47E-09±2.58E-09	U			4.55E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.23E-10±1.11E-09	U			1.99E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	<0.00E+00	U			1.43E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	9.77E-10±5.75E-08	JU	L	I	9.88E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	1.13E-08±1.31E-09				1.22E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	8.59E-11±2.72E-10	U			6.47E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	<0.00E+00	U			1.53E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	3.67E-08±2.76E-08	J	I		2.02E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-5.17E-11±1.19E-09	U			2.09E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.10E-09±1.63E-09	U			2.60E-09	µCi/mL	GP	EPIA-013
0	Radium-226	8.76E-10±5.43E-10	U	V		2.37E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.28E-10±3.07E-10	U			6.07E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	3.43E-09±1.00E-08	U			1.84E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-7.14E-10±1.62E-09	U			2.28E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.65E-10±6.31E-10	U			1.50E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	6.71E-10±1.02E-08	U			2.10E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-2.33E-10±1.58E-10	U			6.17E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.82E-11±7.65E-11	U			1.96E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.78E-11±2.54E-11	U			2.31E-10	µCi/mL	GP	EPIA-012
0	Tritium	8.28E-06±6.65E-07				6.57E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.05E-10±1.00E-10	U			1.16E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	<0.00E+00	U			6.64E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	-4.41E-12±5.01E-11	U			1.78E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-2.06E-10±1.44E-09	U			2.59E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.59E-09±2.84E-09	U			4.72E-09	µCi/mL	GP	EPIA-013

WELL BGO 13DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 90.49 ft (27.58 m) below TOC
Water elevation: 228.81 ft (69.74 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 6 gal

Time: 8:25
Water temperature: Not available
Air temperature: 10°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	20.7	J	I		26.8	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	21.7	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<45.0	U	V		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<41.6	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	39.4				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	39.6				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	50.6	J	I		266	µg/L	WA	EPA6010B
0	Boron, total recoverable	37.2	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 13DR collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	14.1				7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	14.1				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	4.60	J	I		15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	4.70	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.02	U	V	8	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Iron, total recoverable	182				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	184				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<19.2	U	V		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<22.3	U	V		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	24.4				2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	24.4				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	7.90	J	I		26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	8.00	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	2,200			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	38,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	47,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,560				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<16.5	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 13DR collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	21.5	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	23.7	J	I		53.0	µg/L	WA	EPA6010B

WELL BGO 13DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 90.49 ft (27.58 m) below TOC
Water elevation: 228.81 ft (69.74 m) msl
pH: 6.5
Sp. conductance: 73 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:55
Water temperature: 20.2°C
Air temperature: 20.9°C
Total alkalinity (as CaCO3): 29 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	-2.40E-09±4.88E-09	U			8.61E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.48E-09±6.57E-10	J	I		7.96E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.75E-09±7.24E-10	J	I		1.36E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.61E-10±4.47E-10	U			8.69E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.55E-10±4.89E-10	U			1.02E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-4.48E-11±3.47E-10	U			8.21E-10	µCi/mL	GP	EPIA-004
0	Tritium	8.25E-06±6.65E-07				6.64E-07	µCi/mL	GP	EPIA-002

WELL BGO 14AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/21/99
Depth to water: 142.92 ft (43.56 m) below TOC
Water elevation: 157.78 ft (48.09 m) msl
pH: 11.1
Sp. conductance: 799 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 140 gal

Time: 10:34
Water temperature: 19.8°C
Air temperature: 15.4°C
Total alkalinity (as CaCO3): 190 mg/L
Phenolphthalein alkalinity: 185 mg/L
Field Qualifier(s): SH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0505	JU	Q		0.0505	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	88.2				26.8	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Aluminum, total recoverable	345				146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	117				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0505	JU	Q		0.0505	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0505	JU	Q		0.0505	µg/L	WA	EPA8081A

Well BGO 14AR collected on 11/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	delta-Benzene hexachloride	<0.0505	JU	Q		0.0505	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.110	JU	Q		0.110	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.110	JU	Q		0.110	µg/L	WA	EPA8081A
0	4-Chloroaniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.30	J	I		7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	<10.2	U			10.2	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.101	JU	Q		0.101	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.101	JU	Q		0.101	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.101	JU	Q		0.101	µg/L	WA	EPA8081A
0	Diallate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.05	JU	K	CI	1.05	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.101	JU	Q		0.101	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.530	U			0.530	µg/L	WA	EPA8141A
0	2,4-Dimethyl phenol	<10.0	U			10.0	µg/L	WA	EPA8270C

Well BGO 14AR collected on 11/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.530	U			0.530	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.101	JU	Q		0.101	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0505	JU	Q		0.0505	µg/L	WA	EPA8081A
0	Endosulfan II	<0.101	JU	Q		0.101	µg/L	WA	EPA8081A
0	Endrin	<0.101	JU	Q		0.101	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.101	JU	Q		0.101	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<1.27	U			1.27	µg/L	WA	EPA8141A
0	Fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Heptachlor	<0.0505	JU	Q		0.0505	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0505	JU	Q		0.0505	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	U			250	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	28.4	J	I		74.0	µg/L	WA	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isodrin	<0.101	JU	Q		0.101	µg/L	WA	EPA8081A
0	Isophorone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Kepone	<0.505	JU	Q		0.505	µg/L	WA	EPA8081A
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0505	JU	Q		0.0505	µg/L	WA	EPA8081A
0	Lithium, total recoverable	41.8				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methapyrilene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.505	JU	Q		0.505	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	m-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	U			50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C

Well BGO 14AR collected on 11/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Parathion ethyl	<0.530	U			0.530	µg/L	WA	EPA8141A
0	Parathion methyl	<0.530	U			0.530	µg/L	WA	EPA8141A
0	PCB 1016	<1.11	JU	L	O	1.11	µg/L	WA	EPA8082
0	PCB 1221	<2.22	JU	L	O	2.22	µg/L	WA	EPA8082
0	PCB 1232	<1.11	JU	L	O	1.11	µg/L	WA	EPA8082
0	PCB 1242	<1.11	JU	L	O	1.11	µg/L	WA	EPA8082
0	PCB 1248	<1.11	JU	L	O	1.11	µg/L	WA	EPA8082
0	PCB 1254	<1.11	JU	L	O	1.11	µg/L	WA	EPA8082
0	PCB 1260	<1.11	JU	L	O	1.11	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenols	5.27	J	I		37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phorate	<0.530	U			0.530	µg/L	WA	EPA8141A
0	2-Picoline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	2,780				340	µg/L	WA	EPA9056
0	Sulfide	<10,000	U			10,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.530	U			0.530	µg/L	WA	EPA8141A
0	2,4,5-T	<0.525	U			0.525	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.530	U			0.530	µg/L	WA	EPA8141A
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Total dissolved solids	111,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	811	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	18.9	J	I	X	120	µg/L	WA	EPA9020B
0	Toxaphene	<5.05	JU	Q		5.05	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.525	U			0.525	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.27	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.530	U			0.530	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	1.30	J	I		6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Actinium-228	7.67E-09±4.60E-09	U			8.94E-09	µCi/mL	GP	EPIA-013
0	Americium-241	1.57E-10±1.70E-10	U			2.21E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-6.33E-10±3.29E-09	U			5.48E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	-5.50E-09±4.73E-09	U			8.55E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	6.81E-09±8.78E-09	U			1.56E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	5.30E-10±1.21E-09	U			1.98E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	6.90E-09±1.86E-09	R		4	3.60E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.21E-11±1.17E-09	U			1.86E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.42E-10±1.24E-09	U			2.17E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			1.35E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	<0.00E+00	U			1.26E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.18E-11±8.38E-11	U			1.25E-10	µCi/mL	GP	EPIA-011
0	Europium-152	3.05E-09±3.94E-09	U			6.91E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.33E-09±3.77E-09	U			7.31E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.05E-09±4.63E-09	U			7.95E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	7.90E-10±1.00E-09	U			2.02E-09	µCi/mL	GP	EPIA-001

Well BGO 14AR collected on 11/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Iodine-129	7.26E-11±3.75E-10	U			4.63E-10	µCi/mL	GP	EPIA-006
0	Lead-212	2.56E-09±3.46E-09	U			4.61E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-2.39E-10±1.10E-09	U			1.91E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-1.69E-11±2.39E-11	U			2.72E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	-1.33E-08±5.55E-08	JU	L	I	9.60E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	5.85E-09±1.07E-09				1.54E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	3.61E-10±2.72E-10	J	I		3.03E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	9.93E-11±1.56E-10	U			3.02E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	2.61E-08±1.61E-08	U			3.22E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	2.10E-10±1.08E-09	U			1.94E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	4.99E-10±1.64E-09	U			2.80E-09	µCi/mL	GP	EPIA-013
0	Radium-226	6.07E-10±4.85E-10	J	I		2.74E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.20E-10±3.72E-10	U			7.65E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-1.03E-12±1.10E-08	U			1.96E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	8.42E-10±1.35E-09	U			2.61E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.42E-10±7.63E-10	U			1.78E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-9.02E-10±9.71E-09	U			2.02E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	1.20E-10±2.41E-10	U			5.27E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.64E-11±1.00E-10	U			2.67E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	9.91E-11±1.16E-10	U			9.91E-11	µCi/mL	GP	EPIA-012
0	Tritium	3.65E-06±5.23E-07				6.57E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	5.24E-11±8.22E-11	U			1.60E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.20E-11±4.87E-11	U			1.43E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	3.49E-11±6.70E-11	U			1.43E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-8.39E-10±1.40E-09	U			2.36E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.77E-09±3.19E-09	U			5.20E-09	µCi/mL	GP	EPIA-013

WELL BGO 14CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/08/99
Depth to water: 79 ft (24.08 m) below TOC
Water elevation: 221.5 ft (67.51 m) msl
pH: 5.4
Sp. conductance: 30 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 54 gal

Time: 11:31
Water temperature: 19.9°C
Air temperature: 24.9°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.84	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<27.4	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	7.80				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	44.9	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.10	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.82	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<8.70	U	V		74.0	µg/L	WA	EPA6010B
2	Lead, total recoverable	56.0				47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.20	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B

Well BGO 14CR collected on 11/08/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	1,420			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Tetrachloroethylene	3.18	J	I		5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	48,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	488	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<55.0	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	46.5				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	11.5	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.81E-10±4.89E-09	U			8.45E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	8.21E-10±6.06E-10	U			1.07E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.54E-10±7.83E-10	U			1.67E-09	µCi/mL	GP	EPIA-001
0	Radium-226	5.08E-10±5.24E-10	U			7.86E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.16E-10±4.01E-10	U			8.81E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.20E-11±4.50E-10	U			1.03E-09	µCi/mL	GP	EPIA-004
2	Tritium	5.41E-04±1.06E-05				1.74E-06	µCi/mL	GP	EPIA-002

WELL BGO 14DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/08/99
Depth to water: 71.85 ft (21.9 m) below TOC
Water elevation: 228.45 ft (69.63 m) msl
pH: 5.4
Sp. conductance: 31 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 38 gal

Time: 11:08
Water temperature: 20.7°C
Air temperature: 24°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.84	J	I		26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	36.1	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<29.1	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	5.60				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	48.2	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	511				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	1,250				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.50	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	115				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.29	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<19.8	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	22.8	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<31.6	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<21.7	U	V		47.0	µg/L	WA	EPA6010B

Well BGO 14DR collected on 11/08/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lithium, total recoverable	2.50	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	623				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,320				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	454				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,540				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,900				285	µg/L	WA	EPA6010B
0	Sulfate	1,490			X	340	µg/L	WA	EPA9056
0	Sulfate	1,600				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	26,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	303	J	I		1,000	µg/L	WA	EPA9060
2	Total organic halogens	127				120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	129				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	111				53.0	µg/L	WA	EPA6010B
0	Carbon-14	-4.39E-09±4.70E-09	U			8.42E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.59E-09±9.22E-10				7.49E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.53E-09±9.31E-10				1.37E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.87E-09±8.72E-10	U	V		8.27E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.09E-10±4.08E-10	U			8.09E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	9.61E-11±4.47E-10	U			1.01E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.95E-04±5.82E-06				1.26E-06	µCi/mL	GP	EPIA-002

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/08/99
Depth to water: 76.18 ft (23.22 m) below TOC
Water elevation: 222.52 ft (67.82 m) msl
pH: 5.2
Sp. conductance: 28 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 23 gal

Time: 12:53
Water temperature: 21.3°C
Air temperature: 27.2°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	7.88	J	I		26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	176				146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	41.3	J	I		146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	40.1	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<3.50	U	V		27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	11.1				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	11.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,430				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,700				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 15D collected on 11/08/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	4.20	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.70	J	I		15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	1.48	J	I		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.29	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<24.1	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	470				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	50.3	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	108				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.520	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.410	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	504				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	980				40.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	207				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,860				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,150				285	µg/L	WA	EPA6010B
0	Sulfate	692	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Tetrachloroethylene	2.74	J	I		5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	19,000	J	ILQ	C	50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	46,000	J	ILQ	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	257	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<49.0	U	V		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	59.6	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	28.3				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	7.30E-09±5.43E-09	U			8.98E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.49E-09±1.09E-09				6.59E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.87E-09±7.63E-10				1.04E-09	µCi/mL	GP	EPIA-001
2	Radium-226	1.21E-08±1.78E-09				5.00E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.21E-10±7.11E-10	U			1.20E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.97E-10±4.09E-10	U			8.80E-10	µCi/mL	GP	EPIA-004
2	Tritium	7.41E-04±1.45E-05				1.82E-06	µCi/mL	GP	EPIA-002

WELL BGO 16AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 143.63 ft (43.78 m) below TOC
Water elevation: 160.07 ft (48.79 m) msl
pH: 6.7
Sp. conductance: 174 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 97 gal

Time: 9:57
Water temperature: 18.9°C
Air temperature: 7.1°C
Total alkalinity (as CaCO3): 79 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well BGO 16AR collected on 11/30/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	78.0				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	<40.3	U		6	13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	34.7				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	36.9				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	36.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	3.44	J	I		50.0	µg/L	GE	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.50	J	I		5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	2.40	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.50	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.17	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<2.40	U	V		15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	<1.60	U	V		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<6.72	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	16.3	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	14.7	J	I		74.0	µg/L	WA	EPA6010B

Well BGO 16AR collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.20				2.00	µg/L	GE	EPA6020
0	Lithium, total recoverable	1.90	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.50	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<0.520	U	V		5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.540	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	1,030				200	µg/L	GE	EPA300.0
0	Sulfate	978				200	µg/L	GE	EPA300.0
0	Sulfate	1,050				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	118,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	116,000				50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	116,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<480	U	V		500	µg/L	GE	EPA9060
0	Total organic carbon	730	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<10.0	U			10.0	µg/L	GE	EPA9020B
0	Total organic halogens	13.5	J	I		120	µg/L	WA	EPA9020B
0	Total organic halogens	13.7	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<8.03	U	V		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.63E-10±5.26E-09	U			9.10E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.53E-09±5.96E-10	J	I		6.37E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.32E-09±5.90E-10	JU	KV	C	1.90E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.86E-09±7.30E-10	JU	KV	C	2.00E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.24E-09±5.39E-10	J	I		1.00E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.55E-09±7.70E-10	U	V		9.00E-11	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	4.92E-09±8.10E-10	U	V		9.00E-11	µCi/mL	TM	EPA900.0M
0	Radium-226	1.24E-09±6.94E-10	J	I		6.53E-10	µCi/mL	GP	EPIA-008
0	Radium-226	1.10E-10±1.70E-10	U			3.80E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	3.10E-10±2.30E-10	U	V		2.40E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	1.89E-11±5.22E-10	U			1.10E-09	µCi/mL	GP	EPIA-009
0	Radium-228	3.80E-10±7.50E-10	U			1.80E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	8.00E-11±7.00E-10	U			1.76E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	1.21E-13±5.67E-10	U			1.26E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-4.70E-10±6.10E-10	U			1.68E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	7.80E-10±6.50E-10	U			1.44E-09	µCi/mL	TM	EMLSR02M
0	Tritium	4.71E-08±3.41E-07	U			5.91E-07	µCi/mL	GP	EPIA-002
0	Tritium	4.93E-06±6.50E-07	J		X	6.70E-07	µCi/mL	TM	EPA906.0M
0	Tritium	1.40E-07±3.20E-07	JU		X	5.50E-07	µCi/mL	TM	EPA906.0M

WELL BGO 16AR Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 143.63 ft (43.78 m) below TOC
Water elevation: 160.07 ft (48.79 m) msl
pH: 6.7
Sp. conductance: 174 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 97 gal

Time: 9:57
Water temperature: 18.9°C
Air temperature: 7.1°C
Total alkalinity (as CaCO3): 79 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<33.3	U		6	13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	35.6				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<2.70	U	V		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.88	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	22.9	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.60	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.750	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	1,060				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	111,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<527	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.03E-09±5.35E-09	U			9.12E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.05E-09±5.30E-10	J	I		7.18E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.54E-09±5.66E-10	J	I		1.02E-09	µCi/mL	GP	EPIA-001
0	Radium-226	-8.18E-11±3.59E-10	U			8.82E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.18E-09±4.55E-10	J	I		8.15E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-8.80E-11±4.59E-10	U			1.04E-09	µCi/mL	GP	EPIA-004
0	Tritium	2.31E-07±3.53E-07	U			5.97E-07	µCi/mL	GP	EPIA-002

WELL BGO 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 88.42 ft (26.95 m) below TOC
Water elevation: 216.68 ft (66.04 m) msl
pH: 6.3
Sp. conductance: 233 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:40
Water temperature: 18.4°C
Air temperature: 12.1°C
Total alkalinity (as CaCO3): 109 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	148				20.0	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	196				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	44.9		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	5.40	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	4.20	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.90	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Iron, total recoverable	244				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.50	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	11.0				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	2.70	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	1,320			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	156,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	465	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	90.0				53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.05E-09±4.88E-09	U			8.40E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.61E-09±6.65E-10	J	I		7.78E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.50E-09±6.58E-10				1.11E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.45E-11±4.38E-10	U			9.11E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.01E-10±5.24E-10	U			1.03E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	7.01E-10±5.52E-10	U			1.13E-09	µCi/mL	GP	EPIA-004
0	Tritium	2.13E-06±4.68E-07				6.59E-07	µCi/mL	GP	EPIA-002

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 76.05 ft (23.18 m) below TOC
Water elevation: 228.55 ft (69.66 m) msl
pH: 7.9
Sp. conductance: 63 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:57
Water temperature: 20.6°C
Air temperature: 21.5°C
Total alkalinity (as CaCO3): 26 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<37.2	U		6	26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	342				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	297				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	4.30	J	I		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	25.6				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	25.8				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	4.40	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	4.50	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	46.6				15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	47.8				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	904				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	906				74.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	45.6	J	I		47.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	46.8	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	10.2				2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	10.4				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	6.80	J	I		26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	5.60	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.10	U	V	4	5.00	µg/L	WA	EPA6010B
0	Sulfate	450				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	44,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	50,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	704	J	I		5,000	µg/L	WA	EPA9060
0	Total organic halogens	22.6	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 16D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Trichloroethylene	9.22				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	54.4				53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	53.0				53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.14E-09±4.91E-09	U			8.69E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.55E-09±8.65E-10				8.19E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.32E-09±7.89E-10				1.14E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.81E-10±6.12E-10	U			8.05E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.16E-11±2.89E-10	U			6.44E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-5.83E-11±3.94E-10	U			9.18E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	3.80E-10±4.14E-10	U			8.69E-10	µCi/mL	GP	EPIA-004
2	Tritium	2.27E-04±4.48E-06				1.05E-06	µCi/mL	GP	EPIA-002

WELL BGO 17DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 69.79 ft (21.27 m) below TOC
Water elevation: 229.41 ft (69.93 m) msl
pH: 4.5
Sp. conductance: 19 µS/cm
Turbidity: 14 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 12:30
Water temperature: 24.5°C
Air temperature: 13.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	29.5				20.0	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	225				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	287				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	8.60		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	926				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	1,850				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.40	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.00	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.52	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<23.0	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	357				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	348				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.30	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	496				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	3.00	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,160		V		100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	114	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,280				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,270				285	µg/L	WA	EPA6010B

Well BGO 17DR collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sulfate	359			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	51,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	437	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	45.5	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	2.99	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	5.80	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-5.28E-09±4.60E-09	U			8.33E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.09E-09±6.35E-10				6.40E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.88E-09±6.85E-10				9.68E-10	µCi/mL	GP	EPIA-001
0	Radium-226	6.09E-10±6.14E-10	U			9.37E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.06E-10±5.24E-10	U			1.07E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	4.22E-10±6.32E-10	U			1.37E-09	µCi/mL	GP	EPIA-004
0	Tritium	9.88E-06±7.05E-07				6.60E-07	µCi/mL	GP	EPIA-002

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 134.75 ft (41.07 m) below TOC
Water elevation: 160.45 ft (48.91 m) msl
pH: 6.9
Sp. conductance: 183 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 121 gal

Time: 12:05
Water temperature: 18.9°C
Air temperature: 9.8°C
Total alkalinity (as CaCO3): 79 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	76.0				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	26.9				13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	26.7				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	28.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.84	J	I		5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.07	J	I		5.00	µg/L	GE	EPA6010B

Well BGO 18A collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Copper, total recoverable	<2.40	U	V		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<7.58	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	27.9	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.21				2.00	µg/L	GE	EPA6020
0	Lithium, total recoverable	3.70				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<0.860	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	7,550				200	µg/L	GE	EPA300.0
0	Sulfate	8,460				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	131,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	144,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,290				500	µg/L	GE	EPA9060
0	Total organic carbon	<544	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<10.0	U			10.0	µg/L	GE	EPA9020B
0	Total organic halogens	23.0	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<3.93	U	V		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.40E-09±5.13E-09	U			9.04E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	7.57E-10±4.77E-10	J	I		6.81E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.77E-09±7.20E-10	JU	KV	C	2.10E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.96E-09±5.82E-10	J	I		9.77E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.67E-09±7.90E-10	U	V		9.00E-11	µCi/mL	TM	EPA900.0M
0	Radium-226	1.80E-10±2.49E-10	U			2.43E-10	µCi/mL	GP	EPIA-008
0	Radium-226	6.20E-10±3.40E-10	R		46	4.30E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	8.25E-10±4.89E-10	U			9.30E-10	µCi/mL	GP	EPIA-009
0	Radium-228	-3.60E-10±7.10E-10	U			1.88E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	3.37E-10±5.20E-10	U			1.10E-09	µCi/mL	GP	EPIA-004
1	Strontium-90	4.56E-09±9.90E-10				1.53E-09	µCi/mL	TM	EMLSR02M
0	Tritium	-3.40E-07±3.18E-07	U			5.81E-07	µCi/mL	GP	EPIA-002
2	Tritium	2.33E-05±1.35E-06				8.20E-07	µCi/mL	TM	EPA906.0M

WELL BGO 18A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 134.75 ft (41.07 m) below TOC
Water elevation: 160.45 ft (48.91 m) msl
pH: 6.9
Sp. conductance: 183 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 121 gal

Time: 12:05
Water temperature: 18.9°C
Air temperature: 9.8°C
Total alkalinity (as CaCO3): 79 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	30.8				13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	28.5				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<2.50	U	V		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.64	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Iron, total recoverable	164				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.20				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.770	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	8,450				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	145,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<413	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	23.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.64E-09±5.21E-09	U			9.13E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.02E-10±4.60E-10	U			8.16E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.41E-09±4.83E-10	J	I		8.53E-10	µCi/mL	GP	EPIA-001
0	Radium-226	3.35E-10±5.18E-10	U			9.02E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.96E-10±3.76E-10	U			7.27E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.01E-10±3.76E-10	U			8.72E-10	µCi/mL	GP	EPIA-004
0	Tritium	-2.74E-07±3.25E-07	U			5.88E-07	µCi/mL	GP	EPIA-002

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 65.04 ft (19.82 m) below TOC
Water elevation: 229.86 ft (70.06 m) msl
pH: 4.2
Sp. conductance: 30 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 39 gal

Time: 11:21
Water temperature: 19.2°C
Air temperature: 21.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	5.91	J	I		20.0	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	89.9	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	11.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.80	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.98	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	8.50	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.730	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	458			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<38,000	U		6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	407	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	19.4	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Trichlorofluoromethane	13.5				5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.99E-09±5.10E-09	U			8.59E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.51E-09±7.65E-10				5.87E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.94E-09±7.27E-10	J	I		1.33E-09	µCi/mL	GP	EPIA-001
0	Radium-226	9.26E-10±6.80E-10	U	V		9.07E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.23E-09±6.11E-10	J	I		1.17E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.16E-11±4.20E-10	U			9.86E-10	µCi/mL	GP	EPIA-004
1	Tritium	1.49E-05±8.07E-07				6.39E-07	µCi/mL	GP	EPIA-002

WELL BGO 19DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 64.11 ft (19.54 m) below TOC
Water elevation: 229.69 ft (70.01 m) msl
pH: 4.5
Sp. conductance: 31 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 49 gal

Time: 10:46
Water temperature: 18.4°C
Air temperature: 10.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	5.91	J	I		20,.0	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	49.2	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	11.4		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<0.750	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.65	U	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.56	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.390	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	299	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B

Well BGO 19DR collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	43,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	374	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	12.8	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.96E-10±4.76E-09	U			8.27E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	9.29E-10±4.82E-09	U			8.30E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.65E-09±6.46E-10	J	I		6.80E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.45E-09±6.36E-10	J	I		1.18E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.39E-09±9.98E-10	J	I		9.55E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.50E-10±5.89E-10	U			1.25E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.23E-10±4.97E-10	U			1.18E-09	µCi/mL	GP	EPIA-004
2	Tritium	6.76E-05±1.60E-06				6.61E-07	µCi/mL	GP	EPIA-002

WELL BGO 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 122.11 ft (37.22 m) below TOC
Water elevation: 161.79 ft (49.31 m) msl
pH: 8.8
Sp. conductance: 230 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 28 gal

Time: 10:00
Water temperature: 19.6°C
Air temperature: 13°C
Total alkalinity (as CaCO3): 91 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	66.9				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<62.8	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	47.5				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	33.9	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.00	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.32	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<11.1	U	V	6	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<5.40	U	V		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	49.5				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B

Well BGO 20A collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	7,500			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	124,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,240				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<26.0	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.28E-09±4.74E-09	U			8.43E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	9.17E-10±8.00E-10	U			1.45E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.58E-08±2.02E-09				1.29E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.59E-11±2.93E-10	U			6.38E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.28E-10±3.91E-10	U			8.05E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.05E-10±6.86E-10	U			1.47E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-5.58E-10±5.50E-10	U			1.34E-09	µCi/mL	GP	EPIA-004
0	Tritium	2.78E-08±3.75E-07	U			6.54E-07	µCi/mL	GP	EPIA-002

WELL BGO 20AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 122.9 ft (37.46 m) below TOC
Water elevation: 160.7 ft (48.98 m) msl
pH: 8.2
Sp. conductance: 169 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 58 gal

Time: 13:16
Water temperature: 20.3°C
Air temperature: 29.2°C
Total alkalinity (as CaCO3): 75 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	75.0				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	78.0				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	29.3				26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	26.5	J	I		50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	<74.6	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	73.3				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	69.8				1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<12.4	U	V		50.0	µg/L	GE	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<0.573	U	V		5.00	µg/L	GE	EPA6010B

Well BGO 20AA collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Iron, total recoverable	286				50.0	µg/L	GE	EPA6010B
1	Iron, total recoverable	289				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	31.4				2.00	µg/L	GE	EPA6020
0	Lithium, total recoverable	35.2				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	8,430				200	µg/L	GE	EPA300.0
0	Sulfate	8,430				200	µg/L	GE	EPA300.0
0	Sulfate	9,820				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	122,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	128,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	144,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,550				500	µg/L	GE	EPA9060
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	<10.0	U			10.0	µg/L	GE	EPA9020B
0	Total organic halogens	31.0	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<8.51	U	V		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.76E-09±4.87E-09	U			8.60E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.51E-10±6.32E-10	U			1.33E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	5.30E-10±7.40E-10	U			1.25E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	4.70E-10±8.10E-10	U			1.42E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	8.42E-09±1.02E-09				1.26E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.38E-09±1.30E-09				1.36E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	8.11E-09±1.23E-09				1.41E-09	µCi/mL	TM	EPA900.0M
0	Radium-226	1.00E-09±5.92E-10	U	V		2.47E-10	µCi/mL	GP	EPIA-008
0	Radium-226	8.20E-10±4.00E-10	R	I	4	3.30E-10	µCi/mL	TM	EPA903.0M

Well BGO 20AA collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Radium-226	9.10E-10±3.90E-10	R	I	4	1.90E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	4.32E-10±4.67E-10	U			9.78E-10	µCi/mL	GP	EPIA-009
0	Radium-228	-4.00E-11±6.70E-10	U			1.72E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	-1.70E-10±6.30E-10	U			1.65E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	3.59E-11±5.51E-10	U			1.27E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-1.20E-10±6.40E-10	U			1.66E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	6.00E-10±7.00E-10	U			1.61E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	-2.86E-07±3.53E-07	U			6.41E-07	µCi/mL	GP	EPIA-002
0	Tritium	2.28E-06±5.30E-07	J		X	6.80E-07	µCi/mL	TM	EPA906.0M
0	Tritium	-2.70E-07±3.50E-07	JU		X	6.60E-07	µCi/mL	TM	EPA906.0M

WELL BGO 20AA Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 122.9 ft (37.46 m) below TOC
Water elevation: 160.7 ft (48.98 m) msl
pH: 8.2
Sp. conductance: 169 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 58 gal

Time: 13:16
Water temperature: 20.3°C
Air temperature: 29.2°C
Total alkalinity (as CaCO3): 75 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	41.3		V		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<24.1	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	64.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<12.2	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	300				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	30.5				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.00	JU	V	46	5.00	µg/L	WA	EPA6010B
0	Sulfate	9,940				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	137,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	25.5	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 20AA collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.43E-09±4.89E-09	U			8.54E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.64E-10±4.51E-10	U			8.48E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.95E-09±7.56E-10				8.56E-10	µCi/mL	GP	EPIA-001
0	Radium-226	1.84E-09±8.93E-10	J	I		9.46E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.90E-10±3.68E-10	U			7.56E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.46E-11±4.35E-10	U			1.00E-09	µCi/mL	GP	EPIA-004
0	Tritium	-1.13E-07±3.49E-07	U			6.18E-07	µCi/mL	GP	EPIA-002

WELL BGO 20B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 56.65 ft (17.27 m) below TOC
Water elevation: 226.85 ft (69.14 m) msl
pH: 6.6
Sp. conductance: 93 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 34 gal

Time: 9:40
Water temperature: 19.5°C
Air temperature: 9.8°C
Total alkalinity (as CaCO3): 11 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	24.6	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<1.80	U			1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<4.60	U	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	0.280	J	I		2.70	µg/L	WA	EPA7470A
0	Lithium, total recoverable	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<26.0	U			26.0	µg/L	WA	EPA9066
0	Nickel, total recoverable	<37.0	U			37.0	µg/L	WA	EPA6010B
0	Phenols	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	WA	EPA9056
0	Silver, total recoverable	866			X	340	µg/L	WA	EPA8260B
0	Sulfate	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<70.0	U			70.0	µg/L	WA	EPA8260B
0	Tin, total recoverable	<5.00	U			5.00	µg/L	WA	EPA160.1
0	Toluene	66,000				50,000	µg/L	WA	EPA9060
0	Total dissolved solids	1,360				1,000	µg/L	WA	EPA9020B
0	Total organic carbon	<13.3	U	V		120	µg/L	WA	EPA8260B
0	Total organic halogens	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	8.71E-10±5.08E-09				8.74E-09	µCi/mL	GP	EPIA-003
0	Carbon-14								

Well BGO 20B collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.63E-10±3.57E-10	U			8.21E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.59E-10±6.20E-10	U			1.29E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.58E-10±5.06E-10	U			9.27E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.23E-10±5.49E-10	U			1.12E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	3.76E-10±7.24E-10	U			1.42E-09	µCi/mL	GP	EPIA-004
0	Tritium	3.65E-08±3.80E-07	U			6.61E-07	µCi/mL	GP	EPIA-002

WELL BGO 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 55.2 ft (16.83 m) below TOC
Water elevation: 228.3 ft (69.59 m) msl
pH: 5.5
Sp. conductance: 27 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 23 gal

Time: 9:17
Water temperature: 18.8°C
Air temperature: 8°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<17.7	U		6	13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	4.40				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	4.70	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.03	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<11.8	U	V	6	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<10.0	U	V		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.50	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.790	JU	I	46	5.00	µg/L	WA	EPA6010B
0	Sulfate	612			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<23,000	U		6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	194	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total organic halogens	<15.1	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.41E-09±4.95E-09	U			8.48E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.71E-11±3.53E-10	U			8.99E-10	µCi/mL	GP	EPIA-001

Well BGO 20C collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nonvolatile beta	2.07E-09±6.91E-10	J	I		1.20E-09	µCi/mL	GP	EPIA-001
0	Radium-226	3.54E-10±4.90E-10	U			8.21E-10	µCi/mL	GP	EPIA-008
0	Radium-226	4.36E-10±5.12E-10	U			8.10E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.05E-11±2.53E-10	U			5.30E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.04E-12±4.46E-10	U			1.04E-09	µCi/mL	GP	EPIA-004
0	Tritium	6.28E-06±6.03E-07				6.55E-07	µCi/mL	GP	EPIA-002

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 52.17 ft (15.9 m) below TOC
Water elevation: 231.53 ft (70.57 m) msl
pH: 5.2
Sp. conductance: 52 µS/cm
Turbidity: 9 NTU

Time: 10:10
Water temperature: 21.7°C
Air temperature: 14.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	35.4				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	229				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	36.2				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.30	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	69.4				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.36	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	468				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<9.10	U	V		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.10	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	4.70	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	445			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<30,000	U		6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,930				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<16.7	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	132				53.0	µg/L	WA	EPA6010B
0	Carbon-14	4.59E-10±5.00E-09	U			8.64E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.02E-09±7.34E-10	J	I		7.10E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.78E-09±7.09E-10	J	I		1.28E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.45E-09±7.27E-10	U	V		6.28E-10	µCi/mL	GP	EPIA-008

Well BGO 20D collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Radium-228	6.82E-10±3.16E-10	J	I		5.73E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	9.49E-11±5.19E-10	U			1.18E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.26E-05±9.69E-07				6.52E-07	µCi/mL	GP	EPIA-002

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 52.98 ft (16.15 m) below TOC
Water elevation: 232.42 ft (70.84 m) msl
pH: 5.4
Sp. conductance: 42 µS/cm
Turbidity: 9 NTU

Time: 11:15
Water temperature: 24°C
Air temperature: 19.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	3.94	J	I		26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	159				146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<176	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	44.0				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	29.2	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	2,930				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	1,050				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U	I		10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<2.80	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	14.3	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.42	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<61.2	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	460				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	544				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<15.0	U	V		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	9.60				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	979				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	20.7				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,380	J	Q		100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	924				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	9,270				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,430				285	µg/L	WA	EPA6010B
0	Sulfate	348			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	28,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,720				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<42.5	U	V		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	10.1	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 21D collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	50.3	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.78E-09±4.97E-09	U			8.51E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.57E-09±8.54E-10	J	I		9.50E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.70E-09±8.76E-10	J	I		1.56E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.35E-09±9.50E-10	U	V		8.09E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.76E-10±3.34E-10	U			6.72E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-4.09E-10±4.21E-10	U			1.08E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.22E-05±9.61E-07				6.50E-07	µCi/mL	GP	EPIA-002

WELL BGO 22DX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 52.72 ft (16.07 m) below TOC
Water elevation: 232.98 ft (71.01 m) msl
pH: 4.8
Sp. conductance: 48 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 28 gal

Time: 9:12
Water temperature: 18.9°C
Air temperature: 8.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	4.92	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	46.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.00	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.97	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<12.1	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<16.6	U	V		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.370	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	318	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	37,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	596	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<28.9	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 22DX collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	5.98E-09±5.09E-09	U			8.45E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.58E-09±1.02E-09				4.43E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.55E-09±8.22E-10				1.22E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.28E-09±9.95E-10	U	V		9.83E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.35E-10±2.64E-10	U			5.35E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.00E-10±4.17E-10	U			1.03E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.22E-05±9.78E-07				6.69E-07	µCi/mL	GP	EPIA-002

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 54.86 ft (16.72 m) below TOC
Water elevation: 234.34 ft (71.43 m) msl
pH: 5.3
Sp. conductance: 33 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 28 gal

Time: 10:07
Water temperature: 20.6°C
Air temperature: 15.9°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.84	J	I		26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	28.1	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	8.90				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	39.9	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,310				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	3,530				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	26.7				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.58	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<24.4	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	24.3	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<8.40	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<18.2	U	V		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.50	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	504				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	2,450	J	Q		100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	256				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,840				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,910				285	µg/L	WA	EPA6010B
0	Sulfate	260	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 23D collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	21,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	249	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	13.5	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	16.1	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.71E-09±4.75E-09	U			8.41E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.61E-09±6.88E-10	J	I		8.66E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.53E-09±6.58E-10	J	I		1.19E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.02E-09±7.08E-10	U	V		9.18E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.48E-10±2.63E-10	U			5.66E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.31E-10±4.47E-10	U			1.08E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.92E-05±9.02E-07				6.48E-07	µCi/mL	GP	EPIA-002
1	Tritium	1.87E-05±9.00E-07				6.56E-07	µCi/mL	GP	EPIA-002

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 57.46 ft (17.51 m) below TOC
Water elevation: 235.74 ft (71.85 m) msl
pH: 5.9
Sp. conductance: 44 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:00
Water temperature: 21.5°C
Air temperature: 16.7°C
Total alkalinity (as CaCO3): 18 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	24.6	J	I		26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	711				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	14.2				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	4.70	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.90	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.16	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	528				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<12.6	U	V		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.30	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	1,940			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 24D collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	38,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	824	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<13.5	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	41.4	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.32E-09±4.82E-09	U			8.44E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.11E-09±1.05E-09				8.08E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.67E-09±8.28E-10	J	I		1.40E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.57E-09±7.65E-10	U	V		6.44E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.02E-10±2.32E-10	U			5.04E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.54E-10±3.48E-10	U			9.06E-10	µCi/mL	GP	EPIA-004
1	Tritium	1.06E-05±7.53E-07				7.12E-07	µCi/mL	GP	EPIA-002

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99
Depth to water: 136.14 ft (41.5 m) below TOC
Water elevation: 160.36 ft (48.88 m) msl
pH: 6.5
Sp. conductance: 232 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:35
Water temperature: 19.5°C
Air temperature: 20.9°C
Total alkalinity (as CaCO3): 107 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	73.8				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	34.2				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.10	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	18.3				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.71	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Iron, total recoverable	151				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<15.9	U	V		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.40	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	9,490			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 25A collected on 11/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total dissolved solids	169,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,490				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<20.8	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	10.9	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.36E-09±5.14E-09	U			8.70E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	9.63E-10±8.17E-10	U			1.45E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.08E-09±7.36E-10	U			1.49E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.79E-10±4.28E-10	U			8.28E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.31E-10±4.77E-10	U			9.58E-10	µCi/mL	GP	EPIA-009
0	Radium-228	1.39E-10±4.37E-10	U			9.11E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-4.35E-10±5.36E-10	U			1.33E-09	µCi/mL	GP	EPIA-004
0	Tritium	-2.27E-07±3.83E-07	U			6.87E-07	µCi/mL	GP	EPIA-002

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 129.15 ft (39.37 m) below TOC
Water elevation: 158.05 ft (48.17 m) msl
pH: 11.3
Sp. conductance: 1,252 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 10:57
Water temperature: 20.2°C
Air temperature: 25.9°C
Total alkalinity (as CaCO3): 284 mg/L
Phenolphthalein alkalinity: 267 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Aldrin	<0.0500	U			0.0500	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	311				26.8	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Aluminum, total recoverable	523				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	526				146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	83.9				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	86.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 26A collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	alpha-Benzene hexachloride	<0.0500	U			0.0500	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0500	U			0.0500	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0500	U			0.0500	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon disulfide	1.11	J	I		5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	1.10	J	I		5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.110	U			0.110	µg/L	WA	EPA8081A
0	alpha-Chlordane	<0.100	U			0.100	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.110	U			0.110	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.100	U			0.100	µg/L	WA	EPA8081A
0	4-Chloroaniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	3.24	J	I		10.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chromium, total recoverable	4.30	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	3.00	J	I		7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	8.70	J	I		15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.60	J	I		15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.101	U			0.101	µg/L	WA	EPA8081A
0	p,p'-DDD	<0.100	U			0.100	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.101	U			0.101	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.100	U			0.100	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.101	U			0.101	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Diallate	<10.0	U			10.0	µg/L	WA	EPA8270C

Well BGO 26A collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dibenz(a,h)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.39	U	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.28	U	V		5.00	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.02	JU	K	CI	1.02	µg/L	WA	EPA8151A
0	2,4-Dichlorophenoxyacetic acid	<2.22	JU	K	CI	2.22	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Dieldrin	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Dimethoate	<1.00	U			1.00	µg/L	WA	EPA8141A
0	2,4-Dimethyl phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Disulfoton	<1.00	U			1.00	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Endosulfan sulfate	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0500	U			0.0500	µg/L	WA	EPA8081A
0	Endosulfan II	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Endosulfan II	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Endrin	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Endrin	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<1.21	U			1.21	µg/L	WA	EPA8141A
0	Famphur	<2.40	U			2.40	µg/L	WA	EPA8141A

Well BGO 26A collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Heptachlor	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Heptachlor	<0.0500	U			0.0500	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0500	U			0.0500	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	U			250	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	72.9	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	30.0	J	I		74.0	µg/L	WA	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isodrin	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Isodrin	<0.200	U			0.200	µg/L	WA	EPA8081A
0	Isophorone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Kepone	<0.505	U			0.505	µg/L	WA	EPA8081A
0	Kepone	<1.00	U			1.00	µg/L	WA	EPA8081A
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Lindane	<0.0500	U			0.0500	µg/L	WA	EPA8081A
0	Lithium, total recoverable	38.8				2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	39.8				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methapyrilene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.505	U			0.505	µg/L	WA	EPA8081A
0	Methoxychlor	<0.500	U			0.500	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	4.10	J	I		26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	3.60	J	I		26.0	µg/L	WA	EPA6010B
0	m-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	U			50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Parathion ethyl	<1.00	U			1.00	µg/L	WA	EPA8141A
0	Parathion methyl	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Parathion methyl	<1.00	U			1.00	µg/L	WA	EPA8141A
0	PCB 1016	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1016	<1.00	U			1.00	µg/L	WA	EPA8082

Well BGO 26A collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1221	<2.08	U			2.08	µg/L	WA	EPA8082
0	PCB 1221	<2.00	U			2.00	µg/L	WA	EPA8082
0	PCB 1232	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1232	<1.00	U			1.00	µg/L	WA	EPA8082
0	PCB 1242	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1242	<1.00	U			1.00	µg/L	WA	EPA8082
0	PCB 1248	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1248	<1.00	U			1.00	µg/L	WA	EPA8082
0	PCB 1254	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1254	<1.00	U			1.00	µg/L	WA	EPA8082
0	PCB 1260	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1260	<1.00	U			1.00	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phorate	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Phorate	<1.00	U			1.00	µg/L	WA	EPA8141A
0	2-Picoline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U	V		5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U	V		5.00	µg/L	WA	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	7,460	J		X	340	µg/L	WA	EPA9056
0	Sulfide	<10,000	U			10,000	µg/L	WA	EPA9034
0	Sulfide	<10,000	U			10,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Sulfotepp	<1.00	U			1.00	µg/L	WA	EPA8141A
0	2,4,5-T	<0.510	JU	K	CI	0.510	µg/L	WA	EPA8151A
0	2,4,5-T	<1.11	JU	K	CI	1.11	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Thionazin	<1.00	U			1.00	µg/L	WA	EPA8141A
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Total dissolved solids	311,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	521	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	28.2	J	I	X	120	µg/L	WA	EPA9020B
0	Toxaphene	<5.05	U			5.05	µg/L	WA	EPA8081A
0	Toxaphene	<5.00	U			5.00	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.510	JU	K	CI	0.510	µg/L	WA	EPA8151A
0	2,4,5-TP (Silvex)	<1.11	JU	K	CI	1.11	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	6.14				5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	5.97				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C

Well BGO 26A collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2,4,6-Trichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.505	U			0.505	µg/L	WA	EPA8141A
0	O,O,O-Triethyl phosphorothioate	<1.00	U			1.00	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	12.6				6.90	µg/L	WA	EPA6010B
0	Vanadium, total recoverable	12.1				6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	12.1	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	8.80	J	I		53.0	µg/L	WA	EPA6010B
0	Actinium-228	1.73E-10±9.37E-09	U			1.11E-08	µCi/mL	GP	EPIA-013
0	Americium-241	2.15E-10±1.98E-10	U			2.75E-10	µCi/mL	GP	EPIA-011
0	*Americium-241*	*5.29E-11±2.09E-10*	U			4.69E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	1.04E-09±3.83E-09	U			7.05E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	-1.04E-09±5.10E-09	U			8.86E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	2.86E-09±1.05E-08	U			1.82E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.65E-09±1.45E-09	U			2.32E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.49E-09±1.44E-09	U			2.81E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-2.00E-10±1.30E-09	U			2.24E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.56E-10±1.60E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-5.69E-11±1.44E-10	U			4.35E-10	µCi/mL	GP	EPIA-011
0	Curium-242	9.37E-11±1.36E-10	U			2.37E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.34E-11±3.16E-10	U			7.00E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.80E-10±2.73E-10	U			5.25E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.43E-10±1.44E-10	U			1.07E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	9.06E-11±1.31E-10	U			2.29E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-4.82E-09±4.72E-09	U			7.29E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.91E-09±4.36E-09	U			8.80E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.00E-09±5.81E-09	U			1.00E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.07E-09±7.01E-10	J	I		1.04E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	1.25E-10±4.66E-10	U			7.20E-10	µCi/mL	GP	EPIA-006
0	Lead-212	9.36E-10±5.53E-09	U			5.53E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	5.32E-10±1.42E-09	U			2.63E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-2.44E-10±1.20E-10	U			4.73E-10	µCi/mL	GP	EPIA-032
0	Neptunium-237	-6.00E-13±1.04E-10	U			2.88E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	1.69E-08±1.65E-08	U			2.75E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	1.67E-08±1.67E-08	U			2.79E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	5.03E-10±5.94E-10	U			1.25E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	5.15E-11±4.25E-10	U			9.04E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	-4.61E-13±1.13E-10	U			3.53E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-2.05E-11±1.42E-10	U			4.06E-10	µCi/mL	GP	EPIA-011
0	*Plutonium-239/240*	<0.00E+00	U			1.38E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	2.71E-08±3.20E-08	U			2.30E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	4.69E-10±1.29E-09	U			2.40E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.19E-10±1.88E-09	U			3.41E-09	µCi/mL	GP	EPIA-013
0	Radium-226	6.66E-10±4.13E-10	U	V		1.80E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.91E-10±5.08E-10	U			1.06E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	5.83E-09±1.29E-08	U			2.40E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	5.94E-10±1.62E-09	U			3.15E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	3.09E-10±4.42E-10	U			9.36E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	8.54E-10±7.13E-09	U			1.22E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	-3.32E-09±7.15E-09	U			1.24E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-7.69E-11±1.39E-10	U			3.77E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	1.41E-10±1.97E-10	U			3.88E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.05E-11±7.35E-11	U			1.68E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	-3.39E-12±7.07E-11	U			2.09E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	3.21E-11±5.73E-11	U			1.13E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-2.29E-11±2.67E-11	U			1.66E-10	µCi/mL	GP	EPIA-012
0	Tritium	8.91E-07±3.83E-07	J	I		5.96E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.52E-11±5.82E-11	U			1.37E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	1.20E-11±4.87E-11	U			1.44E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-9.50E-12±1.35E-11	U			1.23E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.11E-11±1.58E-11	U			1.44E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-4.73E-12±9.49E-12	U			1.04E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	1.22E-10±1.16E-10	U			1.60E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	2.16E-09±1.68E-09	U			3.82E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-9.66E-10±3.26E-09	U			5.07E-09	µCi/mL	GP	EPIA-013

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 59.96 ft (18.28 m) below TOC
Water elevation: 225.54 ft (68.75 m) msl
pH: 7.5
Sp. conductance: 24 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 11:30
Water temperature: 21.4°C
Air temperature: 26.8°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.84	J	I		26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	1,040				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	356				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	7.10				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	33.9	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	816				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,250				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	*2-Chloroethyl vinyl ether*	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.80	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	146				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.39	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<24.9	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	1,380				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	500				74.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	40.4	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.710	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	473				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	932				40.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	122	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	8,650				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,590				285	µg/L	WA	EPA6010B
0	Sulfate	750	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	11,000	J	IL	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	8,180				1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.8	J	I	X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	97.3				67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	8.62				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	19.7	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.06E-10±5.20E-09	U			8.99E-09	µCi/mL	GP	EPIA-003

Well BGO 26D collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	2.47E-09±7.18E-10				7.78E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.28E-09±6.52E-10	J	I		1.25E-09	µCi/mL	GP	EPIA-001
2	Radium-226	5.41E-09±1.22E-09				6.36E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.41E-10±4.65E-10	U			1.00E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-4.42E-10±3.33E-10	U			8.38E-10	µCi/mL	GP	EPIA-004
0	Tritium	6.12E-06±5.75E-07				6.00E-07	µCi/mL	GP	EPIA-002

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 57.04 ft (17.39 m) below TOC
Water elevation: 218.96 ft (66.74 m) msl
pH: 7.1
Sp. conductance: 116 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 102 gal

Time: 11:47
Water temperature: 20°C
Air temperature: 20.7°C
Total alkalinity (as CaCO3): 52 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	29.5				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	147				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<4.10	JU	I	4	40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	7.30				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.10	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	14.8	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<28.2	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.30	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	374	J		X	340	µg/L	WA	EPA9056
0	Sulfate	370	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	13,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	465	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	29.2	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	27.4				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	6.50	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-5.13E-10±6.53E-09	U			1.13E-08	µCi/mL	GP	EPIA-003

Well BGO 27C collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	3.62E-10±3.33E-10	U			5.84E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.23E-09±5.20E-10	J	I		9.58E-10	µCi/mL	GP	EPIA-001
0	Radium-226	1.16E-09±6.75E-10	U	V		6.56E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.41E-10±4.36E-10	U			9.20E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.03E-10±7.15E-10	U			1.49E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.10E-04±4.15E-06				9.67E-07	µCi/mL	GP	EPIA-002

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 51.37 ft (15.66 m) below TOC
Water elevation: 224.93 ft (68.56 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 10 gal

Time: 8:33
Water temperature: Not available
Air temperature: 7.4°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	-2.69E-09±4.94E-09	U			8.70E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.54E-09±9.09E-10				4.71E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.99E-09±7.34E-10				9.95E-10	µCi/mL	GP	EPIA-001
0	Radium-226	2.16E-09±9.41E-10	U	V		9.30E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.05E-09±3.77E-10	J	I		6.63E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.30E-10±5.86E-10	U			1.32E-09	µCi/mL	GP	EPIA-004
2	Tritium	3.27E-05±1.11E-06				6.34E-07	µCi/mL	GP	EPIA-002

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 51.37 ft (15.66 m) below TOC
Water elevation: 224.93 ft (68.56 m) msl
pH: 4.3
Sp. conductance: 30 µS/cm
Turbidity: 14 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 12:50
Water temperature: 21.7°C
Air temperature: 18.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	13.7	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	290				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	181				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	UU			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	65.8				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	13.6				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	UU			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	UU			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	939				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	1,740				210	µg/L	WA	EPA9056
0	Chloride	1,910				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	0.880	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.00	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	31.6				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 27D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<28.4	U	V		40.0	µg/L	WA	EPA340.2
1	Iron, dissolved	281				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	1,350				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	666				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	10.1	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.420	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	1,080				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	17.8				7.80	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	3.00	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,550				40.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	776				187	µg/L	WA	EPA6010B
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	5,960				1,350	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.40	U	V		5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,120				285	µg/L	WA	EPA6010B
0	Sulfate	349				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	34,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U		X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	22.4	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	13.0	J	I		53.0	µg/L	WA	EPA6010B

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/99
Depth to water: 51.07 ft (15.57 m) below TOC
Water elevation: 226.33 ft (68.99 m) msl
pH: 5
Sp. conductance: 73 µS/cm
Turbidity: 13 NTU

Time: 12:08
Water temperature: 24.5°C
Air temperature: 22.4°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Acenaphthene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<20.0	U			20.0	µg/L	WA	EPA8270C

Well BGO 28D collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthylene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acetophenone	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Acetophenone	<40.0	U			40.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0515	U			0.0515	µg/L	WA	EPA8081A
0	Aldrin	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	21.4	J	I		26.8	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Aluminum, dissolved	54.2	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	298				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	342				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	617				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	616				146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Aniline	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Aniline	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Anthracene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Aramite	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Aramite	<80.0	U			80.0	µg/L	WA	EPA8270C
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	71.5				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	28.6				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	27.9				1.80	µg/L	WA	EPA6010B
0	Benzene	1.48	J	I		5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0515	U			0.0515	µg/L	WA	EPA8081A
0	alpha-Benzene hexachloride	<0.100	U			0.100	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0515	U			0.0515	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.100	U			0.100	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0515	U			0.0515	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Benzoic acid	<52.0	U			52.0	µg/L	WA	EPA8270C
0	Benzoic acid	<104	U			104	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	0.290	J	I		1.60	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	0.170	J	I		1.60	µg/L	WA	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<20.0	U			20.0	µg/L	WA	EPA8270C

Well BGO 28D collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bis(2-chloroisopropyl) ether	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	40.7	J	I		266	µg/L	WA	EPA6010B
0	Boron, total recoverable	37.8	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	U			50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<100	U			100	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<200	U			200	µg/L	WA	EPA8270C
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	2,710				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	2,820				471	µg/L	WA	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.103	U			0.103	µg/L	WA	EPA8081A
0	alpha-Chlordane	<0.100	U			0.100	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.103	U			0.103	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Chloride	6,790				210	µg/L	WA	EPA9056
0	4-Chloroaniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Chlorobenzene	3.76	J	I		5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Chloroethene (Vinyl chloride)	29.0				10.0	µg/L	WA	EPA8260B
0	Chloroform	1.17	J	I		5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<40.0	U			40.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chromium, dissolved	5.70	J	I		7.00	µg/L	WA	EPA6010B
2	Chromium, total recoverable	113				7.00	µg/L	WA	EPA6010B
2	Chromium, total recoverable	115				7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chrysene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Chrysene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	11.5				4.50	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	10.7				4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	8.50	J	I		15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	8.60	J	I		15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	<10.4	U			10.4	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<20.0	U			20.0	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<40.0	U			40.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<20.0	U			20.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<40.0	U			40.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<20.0	U			20.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	JU	Q		15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.103	U			0.103	µg/L	WA	EPA8081A
0	p,p'-DDD	<0.200	U			0.200	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.103	U			0.103	µg/L	WA	EPA8081A

Well BGO 28D collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	p,p'-DDE	<0.200	U			0.200	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.103	U			0.103	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.200	U			0.200	µg/L	WA	EPA8081A
0	Diallate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diallate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Diallate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	8.43	J	I		10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	3.96	J	I		20.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	4.44	J	I		40.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<80.0	U			80.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
1	Dichlorodifluoromethane	11.4				10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	8.06				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	cis-1,2-Dichloroethylene	573		L		5.00	µg/L	WA	EPA8260B
2	cis-1,2-Dichloroethylene	537				25.0	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<40.0	U			40.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<40.0	U			40.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.02	JU	KL	CO	1.02	µg/L	WA	EPA8151A
0	2,4-Dichlorophenoxyacetic acid	<2.04	JU	KL	CO	2.04	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.103	U			0.103	µg/L	WA	EPA8081A
0	Dieldrin	<0.200	U			0.200	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.515	JU	LQ	I	0.515	µg/L	WA	EPA8141A
0	Dimethoate	<1.04	JU	LQ	I	1.04	µg/L	WA	EPA8141A
0	2,4-Dimethyl phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C

Well BGO 28D collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,3-Dinitrobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<104	U			104	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	209		L		10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	265				100	µg/L	WA	EPA8270C
0	1,4-Dioxane	190		L		20.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	221				40.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Diphenylamine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.515	JU	LQ	CI	0.515	µg/L	WA	EPA8141A
0	Disulfoton	<1.04	JU	LQ	CI	1.04	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.103	U			0.103	µg/L	WA	EPA8081A
0	Endosulfan sulfate	<0.200	U			0.200	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0515	U			0.0515	µg/L	WA	EPA8081A
0	Endosulfan I	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Endosulfan II	<0.103	U			0.103	µg/L	WA	EPA8081A
0	Endosulfan II	<0.200	U			0.200	µg/L	WA	EPA8081A
0	Endrin	<0.103	U			0.103	µg/L	WA	EPA8081A
0	Endrin	<0.200	U			0.200	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.103	U			0.103	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.200	U			0.200	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<1.24	JU	LQ	I	1.24	µg/L	WA	EPA8141A
0	Famphur	<2.50	JU	LQ	I	2.50	µg/L	WA	EPA8141A
0	Fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Fluoranthene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Fluoranthene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Fluorene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Fluorene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Fluoride	<42.5	U	V		40.0	µg/L	WA	EPA340.2
0	Heptachlor	<0.0515	U			0.0515	µg/L	WA	EPA8081A
0	Heptachlor	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0515	U			0.0515	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	U			250	µg/L	WA	EPA8270C
0	Hexachlorophene	<500	U			500	µg/L	WA	EPA8270C
0	Hexachlorophene	<1,000	U			1,000	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, dissolved	4,040				74.0	µg/L	WA	EPA6010B

Well BGO 28D collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Iron, total recoverable	2,230				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	2,280				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	2,970				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	2,970				74.0	µg/L	WA	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isodrin	<0.103	U			0.103	µg/L	WA	EPA8081A
0	Isodrin	<0.200	U			0.200	µg/L	WA	EPA8081A
0	Isophorone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Isophorone	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Isophorone	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Isosafrole	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Isosafrole	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Kepone	<0.515	U			0.515	µg/L	WA	EPA8081A
0	Kepone	<1.00	U			1.00	µg/L	WA	EPA8081A
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	12.1	J	I		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	11.4	J	I		47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0515	U			0.0515	µg/L	WA	EPA8081A
0	Lindane	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Lithium, total recoverable	6.50				2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	6.10				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	1,170				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	1,220				74.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	136				7.80	µg/L	WA	EPA6010B
2	Manganese, total recoverable	142				7.80	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methapyrilene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methapyrilene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Methapyrilene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.515	U			0.515	µg/L	WA	EPA8081A
0	Methoxychlor	<1.00	U			1.00	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<104	U			104	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<40.0	U			40.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Naphthalene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Naphthalene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<40.0	U			40.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<40.0	U			40.0	µg/L	WA	EPA8270C
1	Nickel, total recoverable	69.3				26.0	µg/L	WA	EPA6010B
1	Nickel, total recoverable	68.6				26.0	µg/L	WA	EPA6010B
0	m-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<52.0	U			52.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<104	U			104	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<52.0	U			52.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<104	U			104	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<52.0	U			52.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<104	U			104	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<40.0	U			40.0	µg/L	WA	EPA8270C

Well BGO 28D collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Nitrophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<40.0	U			40.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<104	U			104	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	U			20.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<40.0	U			40.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<80.0	U			80.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	U			50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<100	U			100	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<200	U			200	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.515	U			0.515	µg/L	WA	EPA8141A
0	Parathion ethyl	<1.04	U			1.04	µg/L	WA	EPA8141A
0	Parathion methyl	<0.515	JU	Q		0.515	µg/L	WA	EPA8141A
0	Parathion methyl	<1.04	JU	Q		1.04	µg/L	WA	EPA8141A
0	PCB 1016	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1016	<1.09	JU	Q		1.09	µg/L	WA	EPA8082
0	PCB 1221	<2.08	JU	Q		2.08	µg/L	WA	EPA8082
0	PCB 1221	<2.17	JU	Q		2.17	µg/L	WA	EPA8082
0	PCB 1232	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1232	<1.09	JU	Q		1.09	µg/L	WA	EPA8082
0	PCB 1242	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1242	<1.09	JU	Q		1.09	µg/L	WA	EPA8082
0	PCB 1248	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1248	<1.09	JU	Q		1.09	µg/L	WA	EPA8082
0	PCB 1254	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1254	<1.09	JU	Q		1.09	µg/L	WA	EPA8082
0	PCB 1260	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1260	<1.09	JU	Q		1.09	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<100	U			100	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<200	U			200	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<104	U			104	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenacetin	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Phenacetin	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Phenanthrene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenol	<20.0	U			20.0	µg/L	WA	EPA8270C

Well BGO 28D collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Phenol	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Phorate	<0.515	JU	LQ	I	0.515	µg/L	WA	EPA8141A
0	Phorate	<1.04	JU	LQ	I	1.04	µg/L	WA	EPA8141A
0	2-Picoline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Picoline	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2-Picoline	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Potassium, total recoverable	409				187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	442				187	µg/L	WA	EPA6010B
0	Pronamid	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pronamid	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pronamid	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pyrene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pyrene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pyridine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Pyridine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Safrole	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Safrole	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,370				1,350	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,670				1,350	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	4,770				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	4,990				285	µg/L	WA	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	7,470				340	µg/L	WA	EPA9056
0	Sulfide	<10,000	JU	QQ		10,000	µg/L	WA	EPA9034
0	Sulfide	<10,000	JU	QQ		10,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.515	JU	LQ	I	0.515	µg/L	WA	EPA8141A
0	Sulfotepp	<1.04	JU	LQ	I	1.04	µg/L	WA	EPA8141A
0	2,4,5-T	<0.510	JU	KL	CO	0.510	µg/L	WA	EPA8151A
0	2,4,5-T	<1.02	JU	KL	CO	1.02	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	µg/L	WA	EPA8280A
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.515	JU	LQ	I	0.515	µg/L	WA	EPA8141A
0	Thionazin	<1.04	JU	LQ	I	1.04	µg/L	WA	EPA8141A
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	o-Toluidine	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Total dissolved solids	37,000	J		I	50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	39,000	J		I	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,430				1,000	µg/L	WA	EPA9060
2	Total organic halogens	456			X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	13.8	J		I	67.0	µg/L	WA	EPA365.2
0	Total phosphates (as P)	15.5	J		I	67.0	µg/L	WA	EPA365.2
0	Toxaphene	<5.15	U			5.15	µg/L	WA	EPA8081A
0	Toxaphene	<10.0	U			10.0	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.510	JU	L	O	0.510	µg/L	WA	EPA8151A
0	2,4,5-TP (Silvex)	<1.02	JU	L	O	1.02	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	2.74	J		I	10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 28D collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	146				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<52.0	U			52.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<104	U			104	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<20.0	U			20.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<40.0	U			40.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.515	JU	LQ	I	0.515	µg/L	WA	EPA8141A
0	O,O,O-Triethyl phosphorothioate	<1.04	JU	LQ	I	1.04	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<20.0	U			20.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<40.0	U			40.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	1.70	J	I		6.90	µg/L	WA	EPA6010B
0	Vanadium, total recoverable	1.60	J	I		6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	16.4	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	15.3	J	I		53.0	µg/L	WA	EPA6010B
0	Actinium-228	6.71E-09±1.02E-08	U			1.52E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	6.74E-09±7.11E-09	U			1.40E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-1.51E-10±3.36E-10	U			8.43E-10	µCi/mL	GP	EPIA-011
0	Americium-241	2.34E-10±3.33E-10	U			6.37E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-2.18E-09±5.30E-09	U			8.72E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	6.83E-09±6.51E-09	U			9.06E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	7.23E-08±7.24E-09	J	L	CI	9.14E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	-5.58E-09±1.20E-08	U			2.06E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	1.03E-09±1.55E-08	U			2.56E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.83E-10±1.91E-09	U			2.96E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	1.80E-11±2.13E-09	U			3.36E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	8.34E-10±1.64E-09	U			3.19E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	9.00E-10±1.93E-09	U			3.65E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.46E-10±1.59E-09	U			2.81E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.25E-09±1.97E-09	U			3.35E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.70E-12±1.83E-09	U			3.53E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2.27E-10±2.16E-09	U			3.98E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.98E-10±3.18E-10	U			6.22E-10	µCi/mL	GP	EPIA-011
0	Curium-242	-1.72E-10±1.16E-10	U			5.04E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.16E-10±4.47E-10	U			1.03E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-4.24E-10±3.46E-10	U			9.19E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	3.71E-10±2.87E-10	U			3.72E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	6.22E-10±3.10E-10	J	I		1.10E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-4.14E-09±6.17E-09	U			1.00E-08	µCi/mL	GP	EPIA-013
0	Europium-152	-7.56E-10±6.38E-09	U			9.61E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-3.52E-09±6.15E-09	U			8.96E-09	µCi/mL	GP	EPIA-013
0	Europium-154	7.89E-09±2.15E-08	U			1.05E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.56E-09±6.78E-09	U			1.23E-08	µCi/mL	GP	EPIA-013
0	Europium-155	1.67E-09±8.17E-09	U			1.37E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	3.58E-09±1.01E-09				1.08E-09	µCi/mL	GP	EPIA-001
2	Iodine-129	1.26E-09±5.89E-10	J	I		1.21E-09	µCi/mL	GP	EPIA-006
0	Lead-212	3.65E-09±4.41E-09	U			7.03E-09	µCi/mL	GP	EPIA-013
0	Lead-212	3.68E-09±4.87E-09	U			5.43E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	2.51E-10±1.85E-09	U			3.39E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-9.89E-10±1.87E-09	U			3.18E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-4.44E-12±7.56E-11	U			2.10E-10	µCi/mL	GP	EPIA-032
0	Neptunium-237	-7.10E-11±6.86E-11	U			2.71E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	-2.61E-08±5.09E-09	JU	L	I	1.24E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	-1.60E-08±5.04E-09	JU	L	I	1.23E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	2.05E-08±1.72E-09				1.74E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	3.87E-12±4.06E-10	U			8.81E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	1.86E-10±6.75E-10	U			1.39E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	7.58E-11±1.08E-10	U			1.14E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-6.25E-11±1.72E-10	U			5.78E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	3.29E-08±3.76E-08	U			3.07E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	2.01E-08±2.64E-08	U			5.16E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-2.62E-10±1.70E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	1.66E-09±1.85E-09	U			3.59E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.21E-09±2.65E-09	U			4.69E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	5.97E-10±2.42E-09	U			4.29E-09	µCi/mL	GP	EPIA-013
0	Radium-226	2.29E-09±9.35E-10	J	I		6.78E-10	µCi/mL	GP	EPIA-008
0	Radium-226	1.84E-09±8.66E-10	J	I		9.00E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.63E-10±5.11E-10	U			1.01E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	7.45E-09±1.54E-08	U			2.96E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	6.71E-09±1.77E-08	U			3.32E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.25E-09±2.20E-09	U			3.21E-09	µCi/mL	GP	EPIA-013

Well BGO 28D collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sodium-22	2.83E-09±7.69E-09	U			3.76E-09	µCi/mL	GP	EPIA-013
1	Strontium-90	7.48E-09±9.64E-10				1.15E-09	µCi/mL	GP	EPIA-004
1	Strontium-90	5.86E-09±8.85E-10				1.16E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-2.14E-09±7.55E-09	U			1.92E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.68E-11±1.38E-10	U			3.29E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.06E-10±1.15E-10	U			1.48E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	8.42E-11±9.84E-11	U			8.42E-11	µCi/mL	GP	EPIA-012
0	Thorium-234	1.77E-07±1.36E-07	U			2.29E-07	µCi/mL	GP	EPIA-013
0	Thorium-234	4.29E-10±1.36E-07	U			1.72E-07	µCi/mL	GP	EPIA-013
2	Tritium	8.81E-03±1.66E-04			X	8.25E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	-4.52E-11±1.16E-10	U			3.37E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	8.50E-11±1.32E-10	U			2.45E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	4.02E-11±8.80E-11	U			1.89E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-3.63E-11±5.14E-11	U			2.46E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	5.71E-11±8.10E-11	U			8.57E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.44E-11±9.98E-11	U			2.45E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-1.79E-09±1.90E-09	U			2.89E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.35E-09±2.39E-09	U			4.88E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-5.82E-10±5.23E-09	U			7.96E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.66E-09±5.03E-09	U			8.56E-09	µCi/mL	GP	EPIA-013

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 105.5 ft (32.16 m) below TOC
Water elevation: 158.7 ft (48.37 m) msl
pH: 6.5
Sp. conductance: 126 µS/cm
Turbidity: 2 NTU

Time: 11:55
Water temperature: 21.2°C
Air temperature: 26.9°C
Total alkalinity (as CaCO3): 44 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	59.1				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	9,060				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	29.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	*Chloroethene (Vinyl chloride)*	*<10.0*	U			*10.0*	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	6.50	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.70	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<23.9	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	352				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	16.6	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.80	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	2.90	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	846				340	µg/L	WA	EPA9056
0	*1,1,2,2-Tetrachloroethane*	*<5.00*	U			*5.00*	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B

Well BGO 29A collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	86,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,430				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	4.46	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	42.9	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	7.30E-10±4.90E-09	U			8.45E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.20E-09±5.99E-10	J	I		7.53E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	6.98E-10±4.86E-10	U			7.20E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.58E-09±6.75E-10	J	I		1.27E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.92E-09±7.35E-10	J	I		1.37E-09	µCi/mL	GP	EPIA-001
0	Radium-226	6.04E-10±5.08E-10	U			6.38E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.22E-10±3.49E-10	U			7.64E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-6.04E-10±3.89E-10	U			1.06E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.61E-05±8.73E-07				7.04E-07	µCi/mL	GP	EPIA-002

WELL BGO 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 44.81 ft (13.66 m) below TOC
Water elevation: 219.99 ft (67.05 m) msl
pH: 5
Sp. conductance: 31 µS/cm
Turbidity: 9 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 8:20
Water temperature: 17.6°C
Air temperature: 2°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<7.82	U	V		26.8	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	<9.78	U	V		26.8	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	39.9	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	204				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	15.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<2.40	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	6.20	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.05	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<24.3	U	V		74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	319			X	74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	4.90	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.00	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U		X	0.700	µg/L	WA	EPA7470A

Well BGO 29C collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.700	U		X	0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	379			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	10,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	11,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	6,470				1,000	µg/L	WA	EPA9060
0	Total organic halogens	27.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	10.9	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.63E-09±4.25E-09	U			7.55E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	5.27E-10±4.37E-09	U			7.56E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.85E-09±8.33E-10	J	I		8.90E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.85E-09±8.33E-10	J	IK	C	8.90E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.66E-09±8.93E-10	J	IK	C	1.32E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	1.85E-09±8.33E-10	J	IK	C	8.90E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.23E-09±9.79E-10	U			1.97E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.23E-09±9.79E-10	U			1.97E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.82E-09±1.10E-09	U			2.15E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.23E-09±9.79E-10	U			1.97E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.64E-10±5.68E-10	U	V		7.17E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.28E-10±4.96E-10	JU	H	I	1.01E-09	µCi/mL	GP	EPIA-009
0	Radium-228	6.20E-10±6.11E-10	JU	H	I	1.27E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.57E-10±3.85E-10	U			7.97E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-1.57E-10±3.85E-10	U			7.97E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-3.79E-11±6.72E-10	U			1.51E-09	µCi/mL	GP	EPIA-004
2	Tritium	5.81E-04±1.14E-05				1.81E-06	µCi/mL	GP	EPIA-002

WELL BGO 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 41.72 ft (12.72 m) below TOC
Water elevation: 223.78 ft (68.21 m) msl
pH: 4.4
Sp. conductance: 48 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 4 gal

Time: 12:00
Water temperature: 20.3°C
Air temperature: 18°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<4.89	U	V		13.4	mg/L	WA	EPA310.1
2	Aluminum, dissolved	69.3	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	133	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	46.7				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	17.7				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	0.570	J	I		4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B

Well BGO 29D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chromium, dissolved	1.00	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.50	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	37.4				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<41.0	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.70	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	8.10	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	7,630				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	38,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	15.4	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	81.2				53.0	µg/L	WA	EPA6010B
0	Carbon-14	8.33E-10±5.22E-09	U			8.99E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.02E-09±8.52E-10				5.58E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.49E-09±6.37E-10				1.00E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.11E-09±9.44E-10	U	V		9.48E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.71E-10±3.40E-10	J	I		6.48E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.26E-10±5.69E-10	U			1.22E-09	µCi/mL	GP	EPIA-004
0	Tritium	6.98E-06±6.09E-07				6.38E-07	µCi/mL	GP	EPIA-002

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/99
Depth to water: 54.86 ft (16.72 m) below TOC
Water elevation: 219.64 ft (66.95 m) msl
pH: 6.4
Sp. conductance: 31 µS/cm
Turbidity: 18 NTU

Time: 10:45
Water temperature: 21.9°C
Air temperature: 10.4°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	25.2	J	I		26.8	mg/L	WA	EPA310.1
1	Aluminum, dissolved	44.2	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	614				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	272				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	17.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B

Well BGO 30C collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.60	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	7.30				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	7.70	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Dichloromethane	4.39	J	I		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	85.1				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	1,790				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	10.7	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	4.70				2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	7.40	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	1,140				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	30,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,900				1,000	µg/L	WA	EPA9060
0	Total organic halogens	36.4	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	10.9				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	76.7				53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.55E-08±6.22E-09	J	L	CI	9.43E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	1.64E-08±5.73E-09	J	IL	CI	9.04E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.16E-09±7.21E-10	U			1.19E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.05E-09±9.93E-10	U			1.98E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.21E-09±7.17E-10	J	I		8.02E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.35E-10±4.25E-10	U			9.14E-10	µCi/mL	GP	EPIA-009
1	Strontium-90	4.58E-09±1.13E-09				1.88E-09	µCi/mL	GP	EPIA-004
2	Tritium	6.07E-04±1.19E-05			X	1.81E-06	µCi/mL	GP	EPIA-002

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/01/99
Depth to water: 51.68 ft (15.75 m) below TOC
Water elevation: 223.12 ft (68.01 m) msl
pH: 5.4
Sp. conductance: 106 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 29 gal

Time: 11:06
Water temperature: 19.5°C
Air temperature: 9.7°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	13.7				13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	310				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B

Well BGO 30D collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, dissolved	264				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	35.0				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	17,900				420	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Chloroethene (Vinyl chloride)	6.80	J	I		10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.13	U		8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	6.03	J	I		10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<2.00	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	5.50	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	7.53				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.32	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<11.9	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, dissolved	478				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	897			X	74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	11.2	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.10				2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	3.60	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,280				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	2,050				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	98,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<556	U	V		1,000	µg/L	WA	EPA9060
2	Total organic halogens	430				120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	140				67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	13.0				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	4.70	J	I		5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	389				53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.52E-08±5.61E-09				8.22E-09	µCi/mL	GP	EPIA-003
1	Gross alpha	1.20E-08±2.07E-09				1.27E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.03E-08±1.72E-09				2.46E-09	µCi/mL	GP	EPIA-001
0	Radium-226	4.03E-09±1.30E-09	U	V		1.03E-09	µCi/mL	GP	EPIA-008
0	Radium-228	1.99E-09±4.41E-10				7.11E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	3.83E-09±9.31E-10	J	L	C	1.44E-09	µCi/mL	GP	EPIA-004
2	Tritium	1.45E-02±2.56E-04				1.07E-05	µCi/mL	GP	EPIA-002

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/01/99
Depth to water: 50.11 ft (15.27 m) below TOC
Water elevation: 222.99 ft (67.97 m) msl
pH: 4.2
Sp. conductance: 30 µS/cm
Turbidity: 12 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 8:30
Water temperature: 19.8°C
Air temperature: 0.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Acenaphthene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetophenone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Acetophenone	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Aldrin	<0.0540	JU	Q		0.0540	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	11.7	J	I		13.4	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	4-Aminobiphenyl	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aniline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Aniline	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Anthracene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Aramite	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Aramite	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Aramite	<80.0	JU	Q		80.0	µg/L	WA	EPA8270C
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	alpha-Benzene hexachloride	<0.0540	JU	Q		0.0540	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0540	JU	Q		0.0540	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0540	JU	Q		0.0540	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	Benzoic acid	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	Benzoic acid	<104	JU	Q		104	µg/L	WA	EPA8270C

Well BGO 31C collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzo(g,h,i)perylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<100	JU	Q		100	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<200	JU	Q		200	µg/L	WA	EPA8270C
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	alpha-Chlordane	<0.108	JU	Q		0.108	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.108	JU	Q		0.108	µg/L	WA	EPA8081A
0	4-Chloroaniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chrysene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chrysene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Chrysene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<10.2	JU	Q		10.2	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<22.0	JU	Q		22.0	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<44.0	JU	Q		44.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A

Well BGO 31C collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	p,p'-DDD	<0.109	JU	Q		0.109	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.109	JU	Q		0.109	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.109	JU	Q		0.109	µg/L	WA	EPA8081A
0	Diallate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diallate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Diallate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<80.0	JU	Q		80.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<14.7	U	V	8	5.00	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.02	JU	LQ	CIO	1.02	µg/L	WA	EPA8151A
0	2,4-Dichlorophenoxyacetic acid	<2.08	JU	LQ	CIO	2.08	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Dieldrin	<0.109	JU	Q		0.109	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.510	JU	Q		0.510	µg/L	WA	EPA8141A
0	Dimethoate	<1.00	JU	Q		1.00	µg/L	WA	EPA8141A
0	2,4-Dimethyl phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C

Well BGO 31C collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,3-Dinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<104	JU	Q		104	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	282	J	LQ		10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	215	J	Q		100	µg/L	WA	EPA8270C
0	1,4-Dioxane	340	J	LQ		20.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	332	J	Q		40.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Diphenylamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.510	JU	Q		0.510	µg/L	WA	EPA8141A
0	Disulfoton	<1.00	JU	Q		1.00	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Endosulfan sulfate	<0.109	JU	Q		0.109	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0540	JU	Q		0.0540	µg/L	WA	EPA8081A
0	Endosulfan II	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Endosulfan II	<0.109	JU	Q		0.109	µg/L	WA	EPA8081A
0	Endrin	<0.104	JU	KQ	C	0.104	µg/L	WA	EPA8081A
0	Endrin	<0.109	JU	KQ	C	0.109	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.109	JU	Q		0.109	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<1.22	JU	Q		1.22	µg/L	WA	EPA8141A
0	Famphur	<2.40	JU	Q		2.40	µg/L	WA	EPA8141A
0	Fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Fluoranthene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluorene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Fluorene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Heptachlor	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Heptachlor	<0.0540	JU	Q		0.0540	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0540	JU	Q		0.0540	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	JU	Q		250	µg/L	WA	EPA8270C
0	Hexachlorophene	<500	JU	Q		500	µg/L	WA	EPA8270C
0	Hexachlorophene	<1,000	JU	Q		1,000	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B

Well BGO 31C collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Isodrin	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Isodrin	<0.217	JU	Q		0.217	µg/L	WA	EPA8081A
0	Isophorone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isophorone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Isophorone	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isosafrole	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Isosafrole	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Kepone	<0.520	JU	Q		0.520	µg/L	WA	EPA8081A
0	Kepone	<1.08	JU	Q		1.08	µg/L	WA	EPA8081A
0	Lindane	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Lindane	<0.0540	JU	Q		0.0540	µg/L	WA	EPA8081A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methapyrilene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methapyrilene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Methapyrilene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.520	JU	Q		0.520	µg/L	WA	EPA8081A
0	Methoxychlor	<0.540	JU	Q		0.540	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<104	JU	Q		104	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Naphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Naphthalene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<104	JU	Q		104	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<104	JU	Q		104	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<104	JU	Q		104	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<104	JU	Q		104	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<80.0	JU	Q		80.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C

Well BGO 31C collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<100	JU	Q		100	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<200	JU	Q		200	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.510	JU	Q		0.510	µg/L	WA	EPA8141A
0	Parathion ethyl	<1.00	JU	Q		1.00	µg/L	WA	EPA8141A
0	Parathion methyl	<0.510	JU	Q		0.510	µg/L	WA	EPA8141A
0	Parathion methyl	<1.00	JU	Q		1.00	µg/L	WA	EPA8141A
0	PCB 1016	<1.01	JU	Q		1.01	µg/L	WA	EPA8082
0	PCB 1016	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	PCB 1221	<2.02	JU	Q		2.02	µg/L	WA	EPA8082
0	PCB 1221	<2.00	JU	Q		2.00	µg/L	WA	EPA8082
0	PCB 1232	<1.01	JU	Q		1.01	µg/L	WA	EPA8082
0	PCB 1232	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	PCB 1242	<1.01	JU	Q		1.01	µg/L	WA	EPA8082
0	PCB 1242	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	PCB 1248	<1.01	JU	Q		1.01	µg/L	WA	EPA8082
0	PCB 1248	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	PCB 1254	<1.01	JU	Q		1.01	µg/L	WA	EPA8082
0	PCB 1254	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	PCB 1260	<1.01	JU	Q		1.01	µg/L	WA	EPA8082
0	PCB 1260	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<100	JU	Q		100	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<200	JU	Q		200	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<104	JU	Q		104	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenacetin	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Phenacetin	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Phenanthrene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Phenol	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Phorate	<0.510	JU	Q		0.510	µg/L	WA	EPA8141A
0	Phorate	<1.00	JU	Q		1.00	µg/L	WA	EPA8141A
0	2-Picoline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Picoline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Picoline	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pronamid	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pronamid	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pyrene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C

Well BGO 31C collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Pyridine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pyridine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Safrole	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Safrole	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	398				340	µg/L	WA	EPA9056
0	Sulfide	<20,000	JU	Q		20,000	µg/L	WA	EPA9034
0	Sulfide	<20,000	JU	Q		20,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.510	JU	Q		0.510	µg/L	WA	EPA8141A
0	Sulfotepp	<1.00	JU	Q		1.00	µg/L	WA	EPA8141A
0	2,4,5-T	<0.510	JU	LQ	CIO	0.510	µg/L	WA	EPA8151A
0	2,4,5-T	<1.04	JU	LQ	CIO	1.04	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	10.2				5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Thionazin	<0.510	JU	Q		0.510	µg/L	WA	EPA8141A
0	Thionazin	<1.00	JU	Q		1.00	µg/L	WA	EPA8141A
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	o-Toluidine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Total dissolved solids	35,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	39,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	6,530				1,000	µg/L	WA	EPA9060
0	Total organic halogens	49.4	J	I		120	µg/L	WA	EPA9020B
0	Toxaphene	<5.20	JU	Q		5.20	µg/L	WA	EPA8081A
0	Toxaphene	<5.40	JU	Q		5.40	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.510	JU	LQ	CIO	0.510	µg/L	WA	EPA8151A
0	2,4,5-TP (Silvex)	<1.04	JU	LQ	CIO	1.04	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.76	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<104	JU	Q		104	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.510	JU	Q		0.510	µg/L	WA	EPA8141A
0	O,O,O-Triethyl phosphorothioate	<1.00	JU	Q		1.00	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Actinium-228	2.98E-09±1.03E-08	U			1.09E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.25E-10±1.45E-10	U		V	1.25E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	2.44E-09±3.78E-09	U			6.86E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.23E-08±5.23E-09	J		I	8.30E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	-8.40E-09±9.79E-09	U			1.61E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.15E-10±1.56E-09	U			2.23E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.67E-10±1.37E-09	U			2.42E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-9.85E-10±1.25E-09	U			2.08E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	7.78E-10±1.82E-09	U			2.97E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			1.34E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-2.00E-11±4.01E-11	U			2.60E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			1.25E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.56E-09±4.04E-09	U			7.27E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.08E-09±3.69E-09	U			6.41E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.98E-09±5.16E-09	U			9.04E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	2.37E-09±1.02E-09	J		I	1.28E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	2.05E-09±1.09E-09	J		I	1.76E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	5.79E-10±5.25E-10	U			9.43E-10	µCi/mL	GP	EPIA-006
0	Lead-212	1.55E-09±4.87E-09	U			4.60E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-8.39E-10±1.33E-09	U			2.28E-09	µCi/mL	GP	EPIA-013

Well BGO 31C collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Neptunium-237	1.10E-11±2.55E-11	U			6.01E-11	µCi/mL	GP	EPIA-032
0	Neptunium-237	-8.00E-12±2.20E-11	U			8.59E-11	µCi/mL	GP	EPIA-032
0	Nickel-63	-3.94E-09±5.56E-09	U			1.37E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	1.60E-09±1.22E-09	U			2.46E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.16E-09±1.36E-09	U			2.70E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.60E-09±1.22E-09	U			2.46E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-3.60E-11±5.06E-11	U			2.70E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	<0.00E+00	U			1.06E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	2.25E-08±3.27E-08	U			2.30E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-6.77E-10±1.33E-09	U			2.19E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	6.23E-10±1.96E-09	U			3.10E-09	µCi/mL	GP	EPIA-013
0	Radium-226	4.04E-09±1.24E-09	U	V		9.47E-10	µCi/mL	GP	EPIA-008
0	Radium-226	4.65E-09±1.31E-09	U	V		6.86E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.46E-10±4.14E-10	U			7.81E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-9.20E-09±1.35E-08	U			2.20E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-3.92E-10±1.32E-09	U			2.30E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	6.01E-10±6.55E-10	JU	L	C	1.40E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-4.78E-10±5.02E-10	JU	L	C	1.21E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	8.66E-09±1.07E-08	JU	K	I	2.41E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	1.20E-08±1.36E-08	JU	K	I	3.05E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-1.49E-10±3.66E-10	U			1.02E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	2.36E-10±2.65E-10	U			4.19E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-5.00E-11±5.80E-11	U			4.19E-10	µCi/mL	GP	EPIA-012
2	Tritium	6.68E-03±1.29E-04				7.34E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.20E-11±1.65E-10	U			4.49E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	7.60E-11±1.55E-10	U			3.43E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-3.80E-11±4.42E-11	U			3.13E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-8.76E-10±1.82E-09	U			3.14E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.76E-09±3.56E-09	U			6.04E-09	µCi/mL	GP	EPIA-013

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 49.65 ft (15.13 m) below TOC
Water elevation: 224.05 ft (68.29 m) msl
pH: 4.4
Sp. conductance: 29 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 13:35
Water temperature: 21.5°C
Air temperature: 19.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<3.91	U	V		13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	199				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	209				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	33.2				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	5.30				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	0.550	J	I		4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	<382	U	V		471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	3,140				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
1	Chloroethene (Vinyl chloride)	1.10	J	I		10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.40	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	31.8				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 31D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<14.4	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<18.1	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, dissolved	84.6				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	426				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	850				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.60	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.290	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	1,170				74.0	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,150				40.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	296				187	µg/L	WA	EPA6010B
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,660				1,350	µg/L	WA	EPA6010B
0	Silver, dissolved	25.0				5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,330				285	µg/L	WA	EPA6010B
0	Sulfate	350				340	µg/L	WA	EPA9056
0	Sulfate	240	J	I		340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	20,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	29.4	J	I	X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	0.922	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	24.1	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-4.90E-09±4.81E-09	U			8.62E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.73E-09±6.92E-10				5.16E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.72E-09±7.83E-10	J	I		1.30E-09	µCi/mL	GP	EPIA-001
2	Radium-226	1.38E-08±2.24E-09				9.83E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.80E-10±3.48E-10	J	I		6.30E-10	µCi/mL	GP	EPIA-009
0	Radium-228	3.01E-10±5.37E-10	U			1.15E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	6.09E-10±5.64E-10	U			1.17E-09	µCi/mL	GP	EPIA-004
2	Tritium	5.52E-05±1.42E-06				6.38E-07	µCi/mL	GP	EPIA-002

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 56.82 ft (17.32 m) below TOC
Water elevation: 224.88 ft (68.54 m) msl
pH: 4.2
Sp. conductance: 101 µS/cm
Turbidity: 33 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 14:45
Water temperature: 24.2°C
Air temperature: 11.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<3.91	U	V		13.4	mg/L	WA	EPA310.1
2	Aluminum, dissolved	327				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	676				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	691				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	581				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	362				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B

Well BGO 32D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,050				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	15,800				420	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.39	U		8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.20	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	5.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	87.1				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<9.12	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<27.0	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, dissolved	83.8				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	576				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	914				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	11.3	J	I		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	21.8	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.630	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	1,810				74.0	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	4.20	J	I		26.0	µg/L	WA	EPA6010B
1	Nitrate-nitrite as nitrogen	5,480				400	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	2,120				187	µg/L	WA	EPA6010B
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,350				1,350	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	8,560				285	µg/L	WA	EPA6010B
0	Sulfate	448				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	2.38	J	I		5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	66,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,040				1,000	µg/L	WA	EPA9060
1	Total organic halogens	67.0	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	15.9	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	14.4				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	14.0	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	6.13E-08±6.95E-09				9.08E-09	µCi/mL	GP	EPIA-003
2	Gross alpha	2.06E-08±1.91E-09				4.69E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.40E-08±1.11E-09				1.00E-09	µCi/mL	GP	EPIA-001
2	Radium-226	1.05E-08±1.90E-09				9.15E-10	µCi/mL	GP	EPIA-008
1	Radium-228	4.67E-09±8.72E-10				1.38E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	4.17E-10±5.40E-10	U			1.14E-09	µCi/mL	GP	EPIA-004
2	Tritium	7.23E-04±1.42E-05				1.91E-06	µCi/mL	GP	EPIA-002

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 53.18 ft (16.21 m) below TOC
Water elevation: 227.12 ft (69.23 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 5 gal

Time: 9:05
Water temperature: Not available
Air temperature: 10.2°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<3.91	U	V		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<110	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	13.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.10	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	27.6				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<208	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	3.70	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	572				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	25,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	43.1	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	10.1	J	I		53.0	µg/L	WA	EPA6010B

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 53.18 ft (16.21 m) below TOC
Water elevation: 227.12 ft (69.23 m) msl
pH: 4
Sp. conductance: 39 µS/cm
Turbidity: 12 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 14:30
Water temperature: 23.9°C
Air temperature: 20.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	105	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	54.6				1.80	µg/L	WA	EPA6010B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,100				471	µg/L	WA	EPA6010B
0	Chloride	6,280				210	µg/L	WA	EPA9056
0	Chromium, dissolved	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Fluoride	<11.8	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, dissolved	22.6	J	I		74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	194				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	914				74.0	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,430				40.0	µg/L	WA	EPA353.2
0	Potassium, total recoverable	1,120				187	µg/L	WA	EPA6010B
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,030				1,350	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,200				285	µg/L	WA	EPA6010B
0	Total phosphates (as P)	38.7	J	I		67.0	µg/L	WA	EPA365.2
0	Carbon-14	-1.33E-09±4.92E-09	U			8.59E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.49E-09±9.19E-10				6.26E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.70E-09±7.16E-10				1.16E-09	µCi/mL	GP	EPIA-001
2	Radium-226	5.22E-09±1.38E-09				8.23E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.22E-09±4.79E-10	J	I		8.76E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	5.29E-10±5.89E-10	U			1.25E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.66E-05±8.39E-07				6.44E-07	µCi/mL	GP	EPIA-002

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 44.32 ft (13.51 m) below TOC
Water elevation: 230.58 ft (70.28 m) msl
pH: 5.5
Sp. conductance: 25 µS/cm
Turbidity: 9 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 9:45
Water temperature: 18.2°C
Air temperature: 9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
1	Acenaphthene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Acenaphthene	20.0	R	L	CI	20.0	µg/L	WA	EPA8270C
1	Acenaphthylene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Acenaphthylene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Acetone	7.60	J	I		10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetophenone	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C

Well BGO 34D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Acetylaminofluorene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Aldrin	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	<4.89	U	V		13.4	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Aluminum, total recoverable	171				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	268				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	260				146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Aniline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aniline	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
1	Anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Anthracene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Aramite	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Aramite	40.0	R	L	C	40.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	16.3				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	15.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	alpha-Benzene hexachloride	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0510	U			0.0510	µg/L	WA	EPA8081A
2	Benzo(a)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzo(a)anthracene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	Benzo(b)fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzo(b)fluoranthene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	Benzo(k)fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzo(k)fluoranthene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	Benzoic acid	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
2	Benzoic acid	52.0	R	L	C	52.0	µg/L	WA	EPA8270C
1	Benzo(g,h,i)perylene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzo(g,h,i)perylene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	Benzo(a)pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzo(a)pyrene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	Benzyl alcohol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzyl alcohol	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	0.200	J	I		1.60	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	0.190	J	I		1.60	µg/L	WA	EPA6010B
1	Bis(2-chloroethoxy) methane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Bis(2-chloroethoxy) methane	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
1	Bis(2-chloroethyl) ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Bis(2-chloroethyl) ether	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	Bis(2-ethylhexyl) phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<20.0	U	L	C	20.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
1	4-Bromophenyl phenyl ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	4-Bromophenyl phenyl ether	20.0	R	L	C	20.0	µg/L	WA	EPA8270C

Well BGO 34D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Butylbenzyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	2-sec-Butyl-4,6-dinitrophenol	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
2	2-sec-Butyl-4,6-dinitrophenol	100	R	L	C	100	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	951				471	µg/L	WA	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.110	U			0.110	µg/L	WA	EPA8081A
0	alpha-Chlordane	<0.102	U			0.102	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.110	U			0.110	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Chloride	4,010				210	µg/L	WA	EPA9056
2	4-Chloroaniline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	4-Chloroaniline	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
1	4-Chloro-m-cresol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	4-Chloro-m-cresol	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
1	2-Chloronaphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	2-Chloronaphthalene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
1	2-Chlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	2-Chlorophenol	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
1	4-Chlorophenyl phenyl ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	4-Chlorophenyl phenyl ether	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.20	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.60	J	I		7.00	µg/L	WA	EPA6010B
2	Chrysene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Chrysene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Chrysene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<1.10	JU	I	4	4.50	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	<1.00	JU	I	4	4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	10.7	J	I		15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	10.8	J	I		15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	10.2	R	L	C	10.2	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<10.2	U			10.2	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	o-Cresol (2-Methylphenol)	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	o-Cresol (2-Methylphenol)	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.101	U			0.101	µg/L	WA	EPA8081A
0	p,p'-DDD	<0.102	U			0.102	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.101	U			0.101	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.102	U			0.102	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.101	U			0.101	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Diallate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diallate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diallate	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	Dibenz(a,h)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Dibenz(a,h)anthracene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	Dibenzofuran	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Dibenzofuran	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 34D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<20.0	U	L	C	20.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	1,3-Dichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	1,3-Dichlorobenzene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	20.0	R	L	CI	20.0	µg/L	WA	EPA8270C
2	3,3'-Dichlorobenzidine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	3,3'-Dichlorobenzidine	40.0	R	L	C	40.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<16.1	U	V	8	5.00	µg/L	WA	EPA8260B
1	2,4-Dichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	2,4-Dichlorophenol	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.11	JU	H	I	1.11	µg/L	WA	EPA8151A
0	2,4-Dichlorophenoxyacetic acid	<2.08	JU	H	I	2.08	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Dieldrin	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Diethyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.505	JU	L	C	0.505	µg/L	WA	EPA8141A
0	Dimethoate	<1.02	JU	L	C	1.02	µg/L	WA	EPA8141A
1	2,4-Dimethyl phenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	2,4-Dimethyl phenol	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
1	2,4-Dinitrophenol	52.0	R	L	C	52.0	µg/L	WA	EPA8270C
2	2,4-Dinitrotoluene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	2,4-Dinitrotoluene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
2	2,6-Dinitrotoluene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	2,6-Dinitrotoluene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C

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Well BGO 34D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	N-Nitrosodipropylamine	20.0	R	L	CI	20.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
1	N-Nitrosopiperidine	100	R	L	C	100	µg/L	WA	EPA8270C
0	*N-Nitrosopyrrolidine*	*10.0*	R	L	C	*10.0*	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Parathion ethyl	<1.02	U			1.02	µg/L	WA	EPA8141A
0	Parathion methyl	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Parathion methyl	<1.02	U			1.02	µg/L	WA	EPA8141A
0	PCB 1016	<1.01	U			1.01	µg/L	WA	EPA8082
0	PCB 1016	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1221	<2.02	U			2.02	µg/L	WA	EPA8082
0	PCB 1221	<2.04	U			2.04	µg/L	WA	EPA8082
0	PCB 1232	<1.01	U			1.01	µg/L	WA	EPA8082
0	PCB 1232	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1242	<1.01	U			1.01	µg/L	WA	EPA8082
0	PCB 1242	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1248	<1.01	U			1.01	µg/L	WA	EPA8082
0	PCB 1248	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1254	<1.01	U			1.01	µg/L	WA	EPA8082
0	PCB 1254	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1260	<1.01	U			1.01	µg/L	WA	EPA8082
0	PCB 1260	<1.02	U			1.02	µg/L	WA	EPA8082
0	Pentachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	*Pentachlorobenzene*	*<10.0*	JU	Q		*10.0*	µg/L	WA	EPA8270C
0	Pentachlorobenzene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Pentachloroethane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
1	Pentachloronitrobenzene	100	R	L	C	100	µg/L	WA	EPA8270C
2	Pentachlorophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	JU	LQ	C	26.0	µg/L	WA	EPA8270C
2	Pentachlorophenol	52.0	R	L	C	52.0	µg/L	WA	EPA8270C
0	Phenacetin	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenacetin	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
1	Phenanthrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Phenanthrene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Phenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenol	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Phorate	<0.505	U			0.505	µg/L	WA	EPA8141A
0	*Phorate*	<1.02	U			1.02	µg/L	WA	EPA8141A
0	2-Picoline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Picoline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Picoline	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Potassium, total recoverable	134	J	I		187	µg/L	WA	EPA6010B
0	Pronamid	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pronamid	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	*Propionitrile*	<50.0	U			50.0	µg/L	WA	EPA8260B
1	Pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Pyrene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Pyridine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyridine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Safrole	10.0	R	L	C	10.0	µg/L	WA	EPA8270C

Well BGO 34D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Safrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Safrole	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,270				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,300				285	µg/L	WA	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	197	J	I		340	µg/L	WA	EPA9056
0	Sulfide	<20,000	U			20,000	µg/L	WA	EPA9034
0	*Sulfotepp*	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Sulfotepp	<1.02	U			1.02	µg/L	WA	EPA8141A
0	2,4,5-T	<0.555	JU	H	I	0.555	µg/L	WA	EPA8151A
0	2,4,5-T	<1.04	JU	H	I	1.04	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.505	U			0.505	µg/L	WA	EPA8141A
0	Thionazin	<1.02	U			1.02	µg/L	WA	EPA8141A
0	*Tin, total recoverable*	*<70.0*	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	o-Toluidine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Total dissolved solids	25,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	*Total organic halogens*	*16.7*	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	7.75	J	I		67.0	µg/L	WA	EPA365.2
0	Toxaphene	<5.05	U			5.05	µg/L	WA	EPA8081A
0	Toxaphene	<5.10	U			5.10	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.555	JU	L	C	0.555	µg/L	WA	EPA8151A
0	2,4,5-TP (Silvex)	<1.04	JU	L	C	1.04	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<10.0	JU	LQ	C	10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	20.0	R	L	CI	20.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			*5.00*	µg/L	WA	EPA8260B
0	1;1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	2,4,5-Trichlorophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
2	2,4,5-Trichlorophenol	52.0	R	L	C	52.0	µg/L	WA	EPA8270C
2	2,4,6-Trichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	*<10.0*	JU	Q		10.0	µg/L	WA	EPA8270C
2	2,4,6-Trichlorophenol	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.505	U			0.505	µg/L	WA	EPA8141A
0	O,O,O-Triethyl phosphorothioate	<1.02	U			1.02	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	21.6	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	20.4	J	I		53.0	µg/L	WA	EPA6010B
0	Actinium-228	4.53E-09±5.75E-09	U			1.09E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-2.22E-11±4.47E-11	U			4.89E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-2.42E-09±4.62E-09	U			6.98E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	*-1.92E-09±5.23E-09*	U			*9.13E-09*	µCi/mL	GP	EPIA-003
0	Cerium-144	-3.05E-09±1.03E-08	U			1.75E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-9.02E-11±1.52E-09	U			2.36E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.09E-09±1.52E-09	U			2.52E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.18E-10±1.32E-09	U			2.33E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.92E-10±9.46E-10	U			2.74E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			3.36E-10	µCi/mL	GP	EPIA-011

Well BGO 34D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Curium-243/244	7.07E-11±1.92E-10	U			4.91E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			2.78E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-2.75E-09±4.93E-09	U			7.95E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.57E-09±4.69E-09	U			8.36E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.33E-09±5.53E-09	U			9.75E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	1.72E-09±5.52E-10				4.98E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	4.98E-10±6.44E-10	U			1.02E-09	µCi/mL	GP	EPIA-006
0	Lead-212	4.29E-09±4.46E-09	U			4.57E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.68E-10±1.54E-09	U			2.66E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-3.03E-11±3.51E-11	U			2.93E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	3.55E-08±5.52E-08	JU	L	I	9.33E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	2.22E-09±6.07E-10				1.01E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	8.93E-11±2.65E-10	U			6.11E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	5.85E-11±1.12E-10	U			2.39E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	3.90E-08±2.99E-08	J	I		3.47E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	3.00E-09±2.75E-09	R		4	2.45E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.44E-10±1.74E-09	U			3.16E-09	µCi/mL	GP	EPIA-013
0	Radium-226	4.46E-10±5.24E-10	U			8.28E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.72E-10±3.80E-10	U			7.44E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.17E-09±1.34E-08	U			2.42E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-5.66E-10±1.67E-09	U			2.98E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.90E-10±4.19E-10	U			9.04E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	1.24E-09±1.18E-08	U			2.43E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-7.62E-11±8.80E-11	U			3.72E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	9.69E-11±1.32E-10	U			2.41E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-7.65E-12±1.54E-11	U			1.68E-10	µCi/mL	GP	EPIA-012
1	Tritium	1.05E-05±6.44E-07				5.75E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.79E-11±1.25E-10	U			3.27E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-6.67E-12±7.57E-11	U			2.70E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-5.59E-11±4.28E-11	U			3.00E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	6.16E-10±1.48E-09	U			3.02E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.19E-09±3.60E-09	U			5.53E-09	µCi/mL	GP	EPIA-013

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 45.78 ft (13.95 m) below TOC
Water elevation: 227.62 ft (69.38 m) msl
pH: 6.2
Sp. conductance: 38 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 111 gal

Time: 14:34
Water temperature: 20.6°C
Air temperature: 27.2°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.25				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	<9.75	U	V	6	1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	<35.4	U	V	6	26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<3.70	U	V		27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	17.5				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	16.5				1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	7.85	J	I		50.0	µg/L	GE	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B

Well BGO 35C collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	1.18				1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.31	J	I		5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	15.2				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<2.10	U		6	15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<1.68	U		8	5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.85	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	99.4				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.39	J	I		2.00	µg/L	GE	EPA6020
0	Lithium, total recoverable	1.30	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nickel, total recoverable	8.10	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<0.620	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sulfate	420				200	µg/L	GE	EPA300.0
0	Sulfate	420				200	µg/L	GE	EPA300.0
0	Sulfate	317	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.27	U	V		1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<28,000	U		6	10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	<30,000	U		6	10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	<41,000	JU	L	C6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<500	U			500	µg/L	GE	EPA9060
0	Total organic carbon	<585	U	V	6	500	µg/L	GE	EPA9060
0	Total organic carbon	<270	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	14.4	J	Q		10.0	µg/L	GE	EPA9020B
0	Total organic halogens	15.9				10.0	µg/L	GE	EPA9020B
0	Total organic halogens	33.7	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	20.6				1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	15.0				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 35C collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	2.60	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.80E-09±5.28E-09	U			8.96E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.92E-11±3.24E-10	U			7.37E-10	µCi/mL	GP	EPIA-001

WELL BGO 35C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 45.78 ft (13.95 m) below TOC
Water elevation: 227.62 ft (69.38 m) msl
pH: 6.2
Sp. conductance: 38 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 111 gal

Time: 14:34
Water temperature: 20.6°C
Air temperature: 27.2°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<23.6	U	V	6	26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<3.30	U	V		27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	14.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.04	U		8	5.00	µg/L	WA	EPA8260B
0	Chloroform	0.934	J	I		5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.00	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.51	U	V	8	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.84	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B

Well BGO 35C collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lithium, total recoverable	1.20	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.590	JU	I		5.00	µg/L	WA	EPA6010B
0	Sulfate	286	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<27,000	JU	L	C6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<445	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	30.9	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	14.8				5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	14.1				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	5.60E-09±4.28E-09	U			7.07E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.88E-11±3.34E-10	U			8.36E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.95E-10±7.50E-10	U			1.58E-09	µCi/mL	GP	EPIA-001
1	Radium-226	3.80E-09±1.06E-09				8.17E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.18E-10±5.89E-10	U			1.29E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.87E-10±4.96E-10	U			1.15E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.45E-04±4.82E-06				9.92E-07	µCi/mL	GP	EPIA-002

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 41.65 ft (12.7 m) below TOC
Water elevation: 231.85 ft (70.67 m) msl
pH: 4.6
Sp. conductance: 41 µS/cm
Turbidity: 12 NTU

Time: 13:10
Water temperature: 22.6°C
Air temperature: 28.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<6.70	U	V	6	6.7	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	456				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	406				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	16.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	229	J	I		471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	3,920				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.20	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	25.7				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 35D collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.11	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<42.5	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	774				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	777				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	4.80	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.530	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	407				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	2,090				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	94.3	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	8,950				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.680	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	5,390				285	µg/L	WA	EPA6010B
0	Sulfate	376				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<50,000	JU	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<1,150	U		6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.6	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<23.5	U	V		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	11.1	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.83E-09±4.72E-09	U			8.42E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.24E-09±6.64E-10				5.86E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.53E-09±6.24E-10	J	I		1.14E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.25E-10±5.62E-10	U	V		6.69E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.91E-10±3.07E-10	U			6.37E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.72E-10±3.88E-10	U			9.46E-10	µCi/mL	GP	EPIA-004
2	Tritium	4.34E-05±1.32E-06				6.88E-07	µCi/mL	GP	EPIA-002

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 39.68 ft (12.09 m) below TOC
Water elevation: 235.72 ft (71.85 m) msl
pH: 5
Sp. conductance: 23 µS/cm
Turbidity: 6 NTU

Time: 13:30
Water temperature: 22.5°C
Air temperature: 29.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<0.984	U	V		6.70	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	298				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	234				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	14.8				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 36D collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloride	3,370				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<0.880	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	56.5				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.39	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<44.6	JU	QV		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	323				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	268				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	12.9	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.580	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	591				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,630				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	378				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	10,000	J	IL	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	207	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	15.4	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<25.1	U	V		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	40.7	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.05E-09±4.87E-09	U			8.50E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	-1.15E-09±4.94E-09	U			8.64E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.77E-09±8.31E-10				6.98E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.51E-09±7.36E-10	J	I		1.27E-09	µCi/mL	GP	EPIA-001
0	Radium-226	6.68E-10±6.13E-10	U			9.01E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.24E-10±2.88E-10	U			5.67E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.82E-11±4.68E-10	U			1.07E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.74E-05±8.85E-07				6.84E-07	µCi/mL	GP	EPIA-002

WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 55.95 ft (17.05 m) below TOC
Water elevation: 230.35 ft (70.21 m) msl
pH: 4.4
Sp. conductance: 39 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 102 gal

Time: 15:02
Water temperature: 20.2°C
Air temperature: 21.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Acenaphthene	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Acenaphthene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Acenaphthylene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Acetone	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U			25.0	µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<100	U			100	µg/L	WA	EPA8260B
0	Acetophenone	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Acetophenone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	2-Acetylaminofluorene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acrolein	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Acrolein	<100	U			100	µg/L	WA	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Acrylonitrile	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Aldrin	<0.0198	JU	Q		0.0198	µg/L	GE	EPA8081A
0	Aldrin	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	2.00				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	<2.93	U	V		13.4	mg/L	WA	EPA310.1
0	Allyl chloride	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Allyl chloride	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	<86.3	U	V		146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<9.90	U			9.90	µg/L	GE	EPA8270C
0	4-Aminobiphenyl	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aniline	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Aniline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Anthracene	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Aramite	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Aramite	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<2.55	U	V		3.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	9.15				2.00	µg/L	GE	EPA6020
0	Barium, total recoverable	8.90				1.80	µg/L	WA	EPA6010B
0	Benzene	0.415	J	I		1.00	µg/L	GE	EPA8260B
0	Benzene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0198	JU	Q		0.0198	µg/L	GE	EPA8081A
0	alpha-Benzene hexachloride	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0198	JU	Q		0.0198	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0198	JU	Q		0.0198	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Benzo(a)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Benzo(b)fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Benzo(k)fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzoic acid	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Benzo(g,h,i)perylene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Benzo(a)pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<9.90	U			9.90	µg/L	GE	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Benzyl alcohol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	0.0760	J	I		0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.290	J	I		1.60	µg/L	WA	EPA6010B
0	Bis(2-chloroethoxy) methane	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Bis(2-chloroethoxy) methane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Bis(2-chloroethyl) ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Bis(2-ethylhexyl) phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	6.09	J	I		50.0	µg/L	GE	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<50.0	U			50.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<9.90	U			9.90	µg/L	GE	EPA8270C
1	4-Bromophenyl phenyl ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<9.90	U			9.90	µg/L	GE	EPA8270C
2	2-sec-Butyl-4,6-dinitrophenol	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<25.0	U			25.0	µg/L	WA	EPA8260B
2	Carbon tetrachloride	5.71				1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Chlordane	<0.248	JU	Q		0.248	µg/L	GE	EPA8081A
0	alpha-Chlordane	<0.104	U			0.104	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.104	U			0.104	µg/L	WA	EPA8081A
0	4-Chloroaniline	<9.90	U			9.90	µg/L	GE	EPA8270C
2	4-Chloroaniline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Chlorobenzilate	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Chlorobenzilate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<9.90	U			9.90	µg/L	GE	EPA8270C
1	4-Chloro-m-cresol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<50.0	U			50.0	µg/L	WA	EPA8260B
2	Chloroethene (Vinyl chloride)	4.97				1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	U			50.0	µg/L	WA	EPA8260B
1	Chloroform	63.7				1.00	µg/L	GE	EPA8260B
1	Chloroform	72.6			8	25.0	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<50.0	U			50.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<9.90	U			9.90	µg/L	GE	EPA8270C
1	2-Chloronaphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<9.90	U			9.90	µg/L	GE	EPA8270C
1	2-Chlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<9.90	U			9.90	µg/L	GE	EPA8270C
1	4-Chlorophenyl phenyl ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chloroprene	<2.00	U			2.00	µg/L	GE	EPA8260B
0	Chloroprene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<2.57	U	V		3.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chrysene	<9.90	U			9.90	µg/L	GE	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Chrysene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Chrysene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	0.508	J	I		1.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.550	JU	I	4	4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	18.0				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	15.9				15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	11.2	R	L	C	11.2	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<10.4	U			10.4	µg/L	WA	EPA8270C
0	m/p-Cresol	<9.90	U			9.90	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<9.90	U			9.90	µg/L	GE	EPA8270C
2	o-Cresol (2-Methylphenol)	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.0396	JU	Q		0.0396	µg/L	GE	EPA8081A
0	p,p'-DDD	<0.104	U			0.104	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.0396	JU	Q		0.0396	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.104	U			0.104	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.0396	JU	Q		0.0396	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Diallate	<9.90	U	R		9.90	µg/L	GE	EPA8270C
0	Diallate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diallate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Dibenz(a,h)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Dibenzofuran	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Dibromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<9.90	U	R		9.90	µg/L	GE	EPA8270C
0	Di-n-butyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	1,3-Dichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<19.8	U	R		19.8	µg/L	GE	EPA8270C
2	3,3'-Dichlorobenzidine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<100	U			100	µg/L	WA	EPA8260B
2	Dichlorodifluoromethane	21.9				5.00	µg/L	GE	EPA8260B
2	Dichlorodifluoromethane	21.2	J	I		50.0	µg/L	WA	EPA8260B
2	1,1-Dichloroethane	39.8				1.00	µg/L	GE	EPA8260B
2	1,1-Dichloroethane	43.5				25.0	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<25.0	U			25.0	µg/L	WA	EPA8260B
2	1,1-Dichloroethylene	17.2				1.00	µg/L	GE	EPA8260B
2	1,1-Dichloroethylene	20.1	J	I		25.0	µg/L	WA	EPA8260B
2	1,2-Dichloroethylene	969				25.0	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	1.21				1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<2.04	U	V		5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<25.4	U	V		25.0	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<9.90	U	R		9.90	µg/L	GE	EPA8270C
1	2,4-Dichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<9.90	U	R		9.90	µg/L	GE	EPA8270C
0	2,6-Dichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2,4-Dichlorophenoxyacetic acid	<0.100	U			0.100	µg/L	GE	EPA8151A
0	2,4-Dichlorophenoxyacetic acid	<1.05	JU	H	I	1.05	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	1.61				1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Dieldrin	<0.0396	JU	Q		0.0396	µg/L	GE	EPA8081A
0	Dieldrin	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Diethyl phthalate	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Diethyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethoate	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Dimethoate	<0.520	JU	L	C	0.520	µg/L	WA	EPA8141A
0	2,4-Dimethyl phenol	<9.90	U			9.90	µg/L	GE	EPA8270C
1	2,4-Dimethyl phenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Dimethyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	p-Dimethylaminoazobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<19.8	U			19.8	µg/L	GE	EPA8270C
0	3,3'-Dimethylbenzidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	a,a-Dimethylphenethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	1,3-Dinitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<19.8	U			19.8	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	2,4-Dinitrotoluene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	2,6-Dinitrotoluene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<9.90	U			9.90	µg/L	GE	EPA8270C
0	1,4-Dioxane	25.8	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	192	J	LQ		10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	186	J	Q		50.0	µg/L	WA	EPA8270C
0	Diphenylamine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Diphenylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Disulfoton	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Disulfoton	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.0396	JU	Q		0.0396	µg/L	GE	EPA8081A
0	Endosulfan sulfate	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0198	JU	Q		0.0198	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Endosulfan II	<0.0396	JU	Q		0.0396	µg/L	GE	EPA8081A
0	Endosulfan II	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Endrin	<0.0396	JU	Q		0.0396	µg/L	GE	EPA8081A
0	Endrin	<0.104	JU	K	I	0.104	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.0396	JU	Q		0.0396	µg/L	GE	EPA8081A
0	Endrin aldehyde	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Ethyl methacrylate	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Ethyl methacrylate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Ethyl methanesulfonate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Famphur	<9.90	U			9.90	µg/L	GE	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Famphur	<1.25	U			1.25	µg/L	WA	EPA8141A
0	Fluoranthene	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	*Fluorene*	*<9.90*	U			*9.90*	µg/L	GE	EPA8270C
1	Fluorene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Heptachlor	<0.0198	JU	Q		0.0198	µg/L	GE	EPA8081A
0	Heptachlor	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0198	JU	Q		0.0198	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Hexachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Hexachlorobutadiene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Hexachloroethane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<495	U			495	µg/L	GE	EPA8270C
2	Hexachlorophene	250	R	L	C	250	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	JU	Q		250	µg/L	WA	EPA8270C
0	Hexachloropropene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Hexachloropropene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Hexanone	<50.0	U			50.0	µg/L	WA	EPA8260B
0	1,2,3,4,6,7,8-HPCDD	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,3,4,6,7,8-HPCDD	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,3,4,6,7,8-HPCDF	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,3,4,6,7,8-HPCDF	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,3,4,7,8-HXCDD	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,3,4,7,8-HXCDD	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,3,4,7,8-HXCDF	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,3,4,7,8-HXCDF	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	Indeno(1,2,3-c,d)pyrene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	Indeno(1,2,3-c,d)pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl Iodide)	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Iodomethane (Methyl Iodide)	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	*Isobutyl alcohol*	*<50.0*	U			*50.0*	µg/L	GE	EPA8260B
0	Isobutyl alcohol	<500	U			500	µg/L	WA	EPA8260B
0	Isodrin	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Isodrin	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Isophorone	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Isophorone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Isophorone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isosafrole	<9.90	U			9.90	µg/L	GE	EPA8270C
0	*Isosafrole*	*10.0*	R	L	C	*10.0*	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Kepone	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Kepone	<0.520	U			0.520	µg/L	WA	EPA8081A
0	Lead, total recoverable	0.866	J	I		2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0198	JU	Q		0.0198	µg/L	GE	EPA8081A
0	Lindane	<0.0520	U			0.0520	µg/L	WA	EPA8081A
0	Lithium, total recoverable	<0.649	U	V		2.00	µg/L	GE	EPA6020
0	Lithium, total recoverable	0.880	J	I		2.70	µg/L	WA	EPA6010B
1	Mercury, total recoverable	1.42				0.200	µg/L	GE	EPA7470A
1	Mercury, total recoverable	1.47				0.700	µg/L	WA	EPA7470A
1	Mercury, total recoverable	1.46				0.700	µg/L	WA	EPA7470A
0	Methacrylonitrile	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methacrylonitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Methapyrilene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Methapyrilene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methapyrilene	<10.0	JU	Q		*10.0*	µg/L	WA	EPA8270C
0	Methoxychlor	<0.198	JU	Q		0.198	µg/L	GE	EPA8081A
0	Methoxychlor	<0.520	U			0.520	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<9.90	U			9.90	µg/L	GE	EPA8270C
0	2-Methyl-4,6-dinitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<50.0	U			50.0	µg/L	WA	EPA8260B
0	*Methyl methacrylate*	*<5.00*	U			5.00	µg/L	GE	EPA8260B
0	Methyl methacrylate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Methyl methanesulfonate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	3-Methylcholanthrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<9.90	U			9.90	µg/L	GE	EPA8270C
2	2-Methylnaphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Naphthalene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Naphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<9.90	U			9.90	µg/L	GE	EPA8270C
0	1,4-Naphthoquinone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	1-Naphthylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	2-Naphthylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	m-Nitroaniline	<9.90	U			9.90	µg/L	GE	EPA8270C
2	m-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<9.90	U			9.90	µg/L	GE	EPA8270C
2	o-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<9.90	U			9.90	µg/L	GE	EPA8270C
2	p-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Nitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<9.90	U			9.90	µg/L	GE	EPA8270C
1	2-Nitrophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<9.90	U			9.90	µg/L	GE	EPA8270C
2	4-Nitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<9.90	U			9.90	µg/L	GE	EPA8270C
0	4-Nitroquinoline-1-oxide	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	N-Nitrosodi-n-butylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	N-Nitrosodiethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	N-Nitrosodimethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<9.90	U			9.90	µg/L	GE	EPA8270C
1	N-Nitrosodiphenylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	*<9.90*	U			*9.90*	µg/L	GE	EPA8270C
1	N-Nitrosodipropylamine	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	N-Nitrosomethylethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	N-Nitrosomorpholine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	*N-Nitrosomorpholine*	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	N-Nitrosopiperidine	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	N-Nitrosopyrrolidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	N-Nitrosopyrrolidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	5-Nitro-o-toluidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Octachlorodibenzo-p-dioxin	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	Octachlorodibenzo-p-dioxin	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	Octachlorodibenzo-p-furan	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	Octachlorodibenzo-p-furan	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	Parathion	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Parathion ethyl	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Parathion methyl	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Parathion methyl	<0.520	U			0.520	µg/L	WA	EPA8141A
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1016	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<2.08	U			2.08	µg/L	WA	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<1.04	U			1.04	µg/L	WA	EPA8082
0	1,2,3,7,8-PCDD	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,3,7,8-PCDD	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,3,7,8-PCDF	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,3,7,8-PCDF	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	Pentachlorobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Pentachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Pentachloroethane	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Pentachloroethane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Pentachloronitrobenzene	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<19.8	U			19.8	µg/L	GE	EPA8270C
2	Pentachlorophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	JU	LQ	C	26.0	µg/L	WA	EPA8270C
0	Phenacetin	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Phenacetin	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Phenanthrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenol	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Phenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	<19.8	U			19.8	µg/L	GE	EPA8270C
0	p-Phenylenediamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phorate	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Phorate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	2-Picoline	<9.90	U			9.90	µg/L	GE	EPA8270C
0	2-Picoline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Picoline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pronamid	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Pronamid	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Propionitrile	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Propionitrile	<250	U			250	µg/L	WA	EPA8260B
0	Pyrene	<9.90	U			9.90	µg/L	GE	EPA8270C
1	Pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyridine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Pyridine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Safrole	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Safrole	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Styrene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Sulfate	375				200	µg/L	GE	EPA300.0
0	Sulfate	497				340	µg/L	WA	EPA9056
0	Sulfide	<1,000	U			1,000	µg/L	GE	EPA376.2
0	Sulfide	<1,000	U			1,000	µg/L	GE	EPA376.2
0	Sulfide	<20,000	U			20,000	µg/L	WA	EPA9034
0	Sulfotepp	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Sulfotepp	<0.520	U			0.520	µg/L	WA	EPA8141A
0	2,4,5-T	<0.100	U			0.100	µg/L	GE	EPA8151A
0	2,4,5-T	<0.525	JU	H	I	0.525	µg/L	WA	EPA8151A
0	2,3,7,8-TCDD	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	2,3,7,8-TCDD	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	2,3,7,8-TCDF	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	2,3,7,8-TCDF	<0.0100	U			0.0100	µg/L	GE	EPA8280
0	1,2,4,5-Tetrachlorobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<25.0	U			25.0	µg/L	WA	EPA8260B
2	Tetrachloroethylene	19.7				1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	19.7	J	I		25.0	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	<9.90	U			9.90	µg/L	GE	EPA8270C
0	2,3,4,6-Tetrachlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	0.0620	J	I		0.500	µg/L	GE	EPA6020
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<9.90	U			9.90	µg/L	GE	EPA8270C
0	Thionazin	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	o-Toluidine	<9.90	U			9.90	µg/L	GE	EPA8270C
0	o-Toluidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Total dissolved solids	<29,000	U		6	10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	<51,000	JU	Q	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	756				500	µg/L	GE	EPA9060
0	Total organic carbon	820				500	µg/L	GE	EPA9060
0	Total organic carbon	760	J	I		5,000	µg/L	WA	EPA9060
2	Total organic halogens	565				100	µg/L	GE	EPA9020B
2	Total organic halogens	624				100	µg/L	GE	EPA9020B
2	Total organic halogens	924			X	600	µg/L	WA	EPA9020B
0	Toxaphene	<0.990	JU	Q		0.990	µg/L	GE	EPA8081A
0	Toxaphene	<5.20	U			5.20	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.100	U			0.100	µg/L	GE	EPA8151A
0	2,4,5-TP (Silvex)	<0.525	JU	L	C	0.525	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	1,2,4-Trichlorobenzene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<10.0	JU	LQ	C	10.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	0.616	J	I		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<25.0	U			25.0	µg/L	WA	EPA8260B
2	Trichloroethylene	598				25.0	µg/L	GE	EPA8260B
2	Trichloroethylene	482				25.0	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	3.95	J	I		5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<9.90	U			9.90	µg/L	GE	EPA8270C
2	2,4,5-Trichlorophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<9.90	U			9.90	µg/L	GE	EPA8270C
2	2,4,6-Trichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<9.90	U			9.90	µg/L	GE	EPA8270C
0	O,O,O-Triethyl phosphorothioate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	<9.90	U			9.90	µg/L	GE	EPA8270C
0	1,3,5-Trinitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,3,5-Trinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Xylenes	<2.00	U			2.00	µg/L	GE	EPA8260B
0	Xylenes	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Actinium-228	5.00E-09±7.00E-09	U			1.32E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	1.50E-09±1.20E-08	U			1.18E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	5.59E-09±1.88E-08	U			3.43E-08	µCi/mL	TM	EPA901.1M
0	Actinium-228	2.29E-08±3.09E-08	U			3.72E-08	µCi/mL	TM	EPA901.1M
0	Americium-241	9.44E-11±1.90E-10	U			2.83E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	6.20E-10±5.92E-09	R		4	1.03E-08	µCi/mL	TM	EPA901.1M
0	Antimony-124	-1.44E-09±6.24E-09	U			1.04E-08	µCi/mL	TM	EPA901.1M
0	Antimony-125	-8.68E-10±4.77E-09	U			8.31E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	3.65E-09±6.00E-09	U			8.61E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-4.30E-10±1.43E-08	U			2.42E-08	µCi/mL	TM	EPA901.1M
0	Antimony-125	6.97E-09±1.49E-08	U			2.58E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	2.52E-09±7.40E-09	U			1.25E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	3.93E-09±8.49E-09	U			1.25E-08	µCi/mL	TM	EPA901.1M
0	Carbon-14	2.84E-08±6.77E-09				1.01E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	4.98E-09±1.29E-08	U			2.24E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	5.65E-09±1.15E-08	U			2.04E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	1.66E-08±3.75E-08	U			5.48E-08	µCi/mL	TM	EPA901.1M
0	Cerium-144	1.97E-08±3.87E-08	U			5.67E-08	µCi/mL	TM	EPA901.1M
0	Cesium-134	-4.39E-10±1.96E-09	U			2.90E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.06E-08±2.34E-09	U			2.65E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	1.26E-09±5.33E-09	R		4	9.31E-09	µCi/mL	TM	EPA901.1M
0	Cesium-134	6.80E-10±5.44E-09	U			9.43E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	-3.46E-10±2.14E-09	U			3.18E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.16E-10±1.67E-09	U			2.73E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-3.23E-09±5.70E-09	U			9.57E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	-2.06E-09±5.51E-09	U			9.39E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	3.40E-10±1.59E-09	U			2.75E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.29E-09±1.51E-09	U			2.71E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-5.98E-09±4.49E-09	U			6.56E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	-3.43E-09±4.15E-09	U			6.82E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-1.05E-09±6.42E-09	U			9.64E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-4.15E-09±6.35E-09	U			9.00E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	-5.43E-10±2.05E-09	U			3.53E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.56E-09±1.55E-09	U			3.21E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.19E-09±5.27E-09	U			9.08E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	1.66E-09±4.86E-09	U			8.95E-09	µCi/mL	TM	EPA901.1M
0	Curium-242	-2.40E-11±4.83E-11	U			5.29E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	9.45E-11±1.90E-10	U			2.83E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			2.83E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-1.37E-09±5.01E-09	U			8.77E-09	µCi/mL	GP	EPIA-013
0	Europium-152	4.84E-09±4.99E-09	U			8.90E-09	µCi/mL	GP	EPIA-013
0	Europium-152	2.47E-08±3.40E-08	U			6.11E-08	µCi/mL	TM	EPA901.1M
0	Europium-152	5.57E-09±4.02E-08	U			7.29E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-4.52E-09±5.79E-09	U			9.35E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.83E-09±4.62E-09	U			8.20E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.28E-08±1.12E-08	U			2.48E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-1.16E-08±1.57E-08	U			2.56E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-7.34E-10±6.78E-09	U			1.17E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-6.49E-09±6.09E-09	U			1.03E-08	µCi/mL	GP	EPIA-013
0	Europium-155	3.24E-08±1.14E-08	R	I	4	1.94E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	3.76E-08±1.16E-08	R	I	4	1.95E-08	µCi/mL	TM	EPA901.1M
0	Gross alpha	1.61E-09±5.41E-10	J	I		5.45E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.01E-09±7.70E-10	J	I		7.30E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	2.00E-09±7.70E-10	J	I		7.30E-10	µCi/mL	TM	EPA900.0M
2	Iodine-129	1.30E-09±6.35E-10	J	I		6.70E-10	µCi/mL	GP	EPIA-006
2	Iodine-129	1.60E-09±9.47E-10	J	I		1.34E-09	µCi/mL	GP	EPIA-006
0	Iodine-129	-3.10E-10±2.69E-09	U			5.49E-09	µCi/mL	TM	EPA902.0M
0	Iodine-129	2.30E-10±2.54E-09	U			5.34E-09	µCi/mL	TM	EPA902.0M
0	Lead-212	2.29E-09±5.39E-09	U			5.46E-09	µCi/mL	GP	EPIA-013
0	Lead-212	5.41E-09±4.57E-09	J	I		4.60E-09	µCi/mL	GP	EPIA-013
0	Lead-212	2.08E-09±1.31E-08	U			1.54E-08	µCi/mL	TM	EPA901.1M
0	Lead-212	5.24E-09±1.03E-08	U			1.61E-08	µCi/mL	TM	EPA901.1M
0	Manganese-54	5.61E-10±1.65E-09	U			3.07E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.07E-10±1.76E-09	U			3.08E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.90E-10±4.96E-09	U			8.80E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	4.70E-09±6.66E-09	U			9.91E-09	µCi/mL	TM	EPA901.1M
0	Neptunium-237	-1.50E-11±2.12E-11	U			1.94E-10	µCi/mL	GP	EPIA-032
0	Neptunium-237	-1.69E-10±1.38E-10	U			6.13E-10	µCi/mL	GP	EPIA-032

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Neptunium-239	-2.59E-07±2.74E-07	U			4.48E-07	µCi/mL	TM	EPA901.1M
0	Neptunium-239	-6.32E-07±4.02E-07	U			5.98E-07	µCi/mL	TM	EPA901.1M
0	Nickel-63	2.57E-08±5.88E-08	JU	L	I	9.98E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	-8.18E-08±2.37E-08	JU	K	C	4.39E-08	µCi/mL	TM	3500NIEM
0	Nickel-63	-2.31E-08±2.00E-08	JU	K	C	3.52E-08	µCi/mL	TM	3500NIEM
0	Nonvolatile beta	1.58E-09±5.50E-10	U		6	9.72E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.44E-09±9.80E-10	U		6	1.42E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.04E-09±9.50E-10	U			1.42E-09	µCi/mL	TM	EPA900.0M
0	Plutonium-238	-6.24E-11±2.09E-10	U			5.65E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	8.56E-12±6.63E-11	U			2.12E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	5.39E-08±2.27E-08	R		4	4.75E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	3.22E-08±1.84E-08	U			3.88E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	5.08E-08±6.52E-08	U			1.18E-07	µCi/mL	TM	EPA901.1M
0	Potassium-40	1.38E-08±8.39E-08	U			7.69E-08	µCi/mL	TM	EPA901.1M
0	Promethium-144	-1.14E-10±1.62E-09	U			2.78E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.63E-09±1.54E-09	U			2.48E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	3.25E-09±5.36E-09	U			9.66E-09	µCi/mL	TM	EPA901.1M
0	Promethium-144	2.60E-10±5.28E-09	U			9.23E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	3.87E-09±3.67E-09	U			3.95E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	3.32E-09±2.29E-09	U			4.17E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	5.77E-09±1.06E-08	U			1.86E-08	µCi/mL	TM	EPA901.1M
0	Promethium-146	5.78E-09±1.08E-08	U			1.89E-08	µCi/mL	TM	EPA901.1M
0	Radium-226	6.67E-10±5.63E-10	U			7.99E-10	µCi/mL	GP	EPIA-008
0	Radium-226	9.40E-10±4.90E-10	R	I	4	3.40E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	2.80E-10±2.70E-10	R		4	4.20E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	4.48E-10±4.26E-10	U			8.50E-10	µCi/mL	GP	EPIA-009
0	Radium-228	7.50E-10±1.09E-09	U			1.85E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	9.20E-10±1.01E-09	U			1.68E-09	µCi/mL	TM	EPA904.0M
0	Ruthenium-106	-7.67E-10±1.49E-08	U			2.58E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-8.33E-12±1.42E-08	U			2.54E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-6.25E-08±5.07E-08	U			8.00E-08	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	-2.74E-09±5.24E-08	U			9.03E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	-1.61E-09±2.06E-09	U			3.34E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-6.76E-10±1.64E-09	U			2.92E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	4.57E-09±4.00E-09	U			9.41E-09	µCi/mL	TM	EPA901.1M
0	Sodium-22	-4.10E-09±5.60E-09	U			9.15E-09	µCi/mL	TM	EPA901.1M
0	Strontium-90	1.98E-10±4.36E-10	U			9.40E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	0.00E+00±6.60E-10	U			1.66E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	4.10E-10±6.10E-10	U			1.42E-09	µCi/mL	TM	EMLSR02M
0	Technetium-99	1.75E-08±1.18E-08	U			1.93E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	4.18E-07±1.50E-08				1.38E-08	µCi/mL	TM	EICHROM
1	Technetium-99	4.74E-07±1.57E-08				1.38E-08	µCi/mL	TM	EICHROM
0	Thorium-228	-2.89E-11±1.08E-10	U			3.58E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	4.92E-11±9.46E-11	U			2.01E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-7.77E-12±1.56E-11	U			1.71E-10	µCi/mL	GP	EPIA-012
0	Tin-113	1.46E-09±7.82E-09	U			1.15E-08	µCi/mL	TM	EPA901.1M
0	Tin-113	-1.10E-09±7.05E-09	U			1.18E-08	µCi/mL	TM	EPA901.1M
2	Tritium	9.86E-02±1.32E-03				2.62E-05	µCi/mL	GP	EPIA-002
2	Tritium	1.09E-01±5.80E-04	J		X	4.05E-05	µCi/mL	TM	EPA906.0M
2	Tritium	1.70E-01±8.96E-04	J		X	6.16E-05	µCi/mL	TM	EPA906.0M
0	Uranium-233/234	8.10E-11±1.27E-10	U			2.47E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	8.98E-11±1.26E-10	U			2.22E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	1.85E-11±7.51E-11	U			2.21E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.83E-09±2.24E-09	U			4.40E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	7.75E-10±2.00E-09	U			3.84E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	4.61E-09±4.66E-09	U			1.02E-08	µCi/mL	TM	EPA901.1M
0	Yttrium-88	5.39E-09±4.98E-09	U			1.08E-08	µCi/mL	TM	EPA901.1M
0	Zinc-65	4.54E-09±3.67E-09	U			6.84E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.16E-09±3.83E-09	U			6.40E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3.95E-09±1.13E-08	U			2.04E-08	µCi/mL	TM	EPA901.1M
0	Zinc-65	5.10E-10±1.07E-08	U			1.88E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	2.40E-10±1.00E-08	U			1.77E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	-5.29E-09±9.99E-09	U			1.69E-08	µCi/mL	TM	EPA901.1M

WELL BGO 37C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 55.95 ft (17.05 m) below TOC
Water elevation: 230.35 ft (70.21 m) msl
pH: 4.4
Sp. conductance: 39 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 102 gal

Time: 15:02
Water temperature: 20.2°C
Air temperature: 21.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well BGO 37C collected on 11/29/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
1	Acenaphthene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	Acenaphthylene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Acetone	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<100	U			100	µg/L	WA	EPA8260B
0	Acetophenone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Acetophenone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Acrolein	<100	U			100	µg/L	WA	EPA8260B
0	Acrylonitrile	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Aldrin	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	<3.91	U	V		13.4	mg/L	WA	EPA310.1
0	Allyl chloride	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Aluminum, total recoverable	<106	U	V		146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Aniline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Aniline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	Anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Aramite	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	9.30				1.80	µg/L	WA	EPA6010B
0	Benzene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0510	U			0.0510	µg/L	WA	EPA8081A
2	Benzo(a)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Benzo(b)fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Benzo(k)fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Benzoic acid	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	Benzoic acid	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
1	Benzo(g,h,i)perylene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Benzo(a)pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Benzyl alcohol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	0.280	J	I		1.60	µg/L	WA	EPA6010B
1	Bis(2-chloroethoxy) methane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	Bis(2-chloroethyl) ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Bis(2-ethylhexyl) phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Bromoform	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Bromomethane	<50.0	U			50.0	µg/L	WA	EPA8260B
1	4-Bromophenyl phenyl ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	2-sec-Butyl-4,6-dinitrophenol	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<100	JU	Q		100	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon disulfide	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<25.0	U			25.0	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.102	U			0.102	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.102	U			0.102	µg/L	WA	EPA8081A

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	4-Chloroaniline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Chlorobenzilate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	4-Chloro-m-cresol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Chloroethane	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	U			50.0	µg/L	WA	EPA8260B
1	Chloroform	71.2			8	25.0	µg/L	WA	EPA8260B
0	Chloromethane	<50.0	U			50.0	µg/L	WA	EPA8260B
1	2-Chloronaphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	2-Chlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	4-Chlorophenyl phenyl ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Chloroprene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
2	Chrysene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Chrysene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	1.70	J	I		4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	14.0	J	I		15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	10.8	R	L	C	10.8	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<20.4	U			20.4	µg/L	WA	EPA8270C
2	o-Cresol (2-Methylphenol)	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.102	U			0.102	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.102	U			0.102	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Diallate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diallate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Dibenz(a,h)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Dibenzofuran	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Dibromomethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	1,3-Dichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	3,3'-Dichlorobenzidine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<100	U			100	µg/L	WA	EPA8260B
2	Dichlorodifluoromethane	23.5	J	I		50.0	µg/L	WA	EPA8260B
2	1,1-Dichloroethane	47.0				25.0	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<25.0	U			25.0	µg/L	WA	EPA8260B
2	1,1-Dichloroethylene	23.4	J	I		25.0	µg/L	WA	EPA8260B
2	1,2-Dichloroethylene	1,000				25.0	µg/L	WA	EPA8260B
0	Dichloromethane	<25.0	U			25.0	µg/L	WA	EPA8260B
1	2,4-Dichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.05	JU	H	I	1.05	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Dieldrin	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Diethyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.510	JU	L	C	0.510	µg/L	WA	EPA8141A
1	2,4-Dimethyl phenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	7,12-Dimethylbenz(a)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
2	2,4-Dinitrotoluene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	2,6-Dinitrotoluene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	122	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	118	R	L	C	20.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	183	J	LQ		20.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	170	J	Q		50.0	µg/L	WA	EPA8270C
0	Diphenylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.510	U			0.510	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	Endosulfan II	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Endrin	<0.102	JU	K	I	0.102	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.102	U			0.102	µg/L	WA	EPA8081A
2	Ethyl methacrylate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Famphur	<1.22	U			1.22	µg/L	WA	EPA8141A
1	Fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	Fluorene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Fluorene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Heptachlor	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0510	U			0.0510	µg/L	WA	EPA8081A
2	Hexachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Hexachlorobutadiene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Hexachloroethane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Hexachlorophene	250	R	L	C	250	µg/L	WA	EPA8270C
0	Hexachlorophene	<500	JU	Q		500	µg/L	WA	EPA8270C
0	Hexachloropropene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Hexanone	<50.0	U			50.0	µg/L	WA	EPA8260B
2	Indeno(1,2,3-c,d)pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl Iodide)	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	WA	EPA8260B
0	Isodrin	<0.102	U			0.102	µg/L	WA	EPA8081A
1	Isophorone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Isophorone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Isosafrole	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Isosafrole	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Kepone	<0.510	U			0.510	µg/L	WA	EPA8081A
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	Lithium, total recoverable	0.670	J	I		2.70	µg/L	WA	EPA6010B
1	Mercury, total recoverable	1.53				0.700	µg/L	WA	EPA7470A
0	Methacrylonitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Methapyrilene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methapyrilene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.510	U			0.510	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl methanesulfonate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	2-Methylnaphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Naphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Naphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
2	m-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
2	o-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
2	p-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
1	Nitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	2-Nitrophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	4-Nitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	N-Nitrosodiphenylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	N-Nitrosodipropylamine	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<100	JU	Q		100	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.510	U			0.510	µg/L	WA	EPA8141A
0	Parathion methyl	<0.510	U			0.510	µg/L	WA	EPA8141A
0	PCB 1016	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1221	<2.04	U			2.04	µg/L	WA	EPA8082
0	PCB 1232	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1242	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1248	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1254	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1260	<1.02	U			1.02	µg/L	WA	EPA8082
0	Pentachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pentachloroethane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<100	JU	Q		100	µg/L	WA	EPA8270C
2	Pentachlorophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<52.0	JU	LQ	C	52.0	µg/L	WA	EPA8270C
0	Phenacetin	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenacetin	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	Phenanthrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Phenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Phorate	<0.510	U			0.510	µg/L	WA	EPA8141A
0	2-Picoline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Picoline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Pronamid	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pronamid	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Propionitrile	<250	U			250	µg/L	WA	EPA8260B
1	Pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Pyridine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pyridine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Safrole	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Safrole	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Styrene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Sulfate	634				340	µg/L	WA	EPA9056
0	Sulfide	<20,000	U			20,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.510	U			0.510	µg/L	WA	EPA8141A
0	2,4,5-T	<0.525	JU	H	I	0.525	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<25.0	U			25.0	µg/L	WA	EPA8260B
2	Tetrachloroethylene	20.0	J	I		25.0	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.510	U			0.510	µg/L	WA	EPA8141A
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<25.0	U			25.0	µg/L	WA	EPA8260B
0	o-Toluidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Total dissolved solids	151,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	503	J	I		5,000	µg/L	WA	EPA9060
2	Total organic halogens	1,030			X	600	µg/L	WA	EPA9020B
0	Toxaphene	<5.10	U			5.10	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.525	JU	L	C	0.525	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<20.0	JU	LQ	C	20.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<25.0	U			25.0	µg/L	WA	EPA8260B
2	Trichloroethylene	484				25.0	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<25.0	U			25.0	µg/L	WA	EPA8260B
2	2,4,5-Trichlorophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
2	2,4,6-Trichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<25.0	U			25.0	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.510	U			0.510	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	1.50	J	I		6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Xylenes	<25.0	U			25.0	µg/L	WA	EPA8260B
0	Zinc, total recoverable	7.60	J	I		53.0	µg/L	WA	EPA6010B
0	Actinium-228	3.27E-09±1.14E-08	U			1.24E-08	µCi/mL	GP	EPIA-013
0	Americium-241	6.98E-11±1.40E-10	U			2.09E-10	µCi/mL	GP	EPIA-011
0	Americium-241	7.64E-11±1.53E-10	U			2.29E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	2.43E-09±5.42E-09	U			7.90E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.02E-07±8.80E-09				1.00E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	9.49E-08±8.61E-09				1.00E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	1.01E-09±1.02E-08	U			1.78E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.95E-10±2.22E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.70E-10±3.31E-09	U			3.00E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.26E-09±1.27E-09	U			2.14E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.01E-10±1.38E-09	U			2.58E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			2.22E-10	µCi/mL	GP	EPIA-011
0	Curium-242	<0.00E+00	U			2.43E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	6.99E-11±1.40E-10	U			2.10E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.83E-11±3.68E-11	U			4.03E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			2.09E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			2.29E-10	µCi/mL	GP	EPIA-011
0	Europium-152	6.06E-09±4.82E-09	U			8.64E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.43E-09±4.74E-09	U			8.49E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.94E-09±4.94E-09	U			8.54E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	1.94E-09±5.87E-10				5.60E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	4.56E-10±8.99E-10	U			8.34E-10	µCi/mL	GP	EPIA-006

Well BGO 37C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead-212	1.24E-09±3.90E-09	U			4.53E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.74E-09±1.68E-09	U			2.68E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-2.01E-11±2.84E-11	U			2.60E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	3.02E-08±6.01E-08	JU	L	I	1.02E-07	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	2.15E-09±5.95E-10	U		6	1.00E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	2.16E-10±3.68E-10	U			7.80E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	1.44E-10±2.58E-10	U			5.50E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-4.04E-11±1.06E-10	U			4.14E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	3.43E-11±9.88E-11	U			2.49E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	4.40E-08±2.34E-08	U			4.46E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-2.85E-10±1.44E-09	U			2.52E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.49E-10±2.10E-09	U			3.50E-09	µCi/mL	GP	EPIA-013
0	Radium-226	0.00E+00±3.75E-10	U			8.42E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.99E-10±4.62E-10	U			8.74E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-4.31E-09±1.59E-08	U			2.43E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-5.22E-10±1.69E-09	U			3.03E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	8.32E-10±6.70E-10	U			1.37E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	2.11E-10±4.72E-10	U			1.02E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1.37E-08±1.25E-08	U			2.08E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-4.48E-11±3.75E-11	U			2.67E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	7.73E-11±1.09E-10	U			1.91E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.59E-11±6.48E-11	U			1.91E-10	µCi/mL	GP	EPIA-012
2	Tritium	1.01E-01±1.45E-03				2.99E-05	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.83E-11±7.66E-11	U			1.96E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	-2.49E-11±2.90E-11	U			2.41E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-8.95E-12±1.79E-11	U			1.97E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-3.34E-11±3.36E-11	U			2.63E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	5.65E-11±1.08E-10	U			2.31E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	9.70E-12±7.51E-11	U			2.41E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.02E-09±2.02E-09	U			3.59E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.60E-10±3.15E-09	U			4.85E-09	µCi/mL	GP	EPIA-013

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 48.51 ft (14.79 m) below TOC
Water elevation: 238.79 ft (72.78 m) msl
pH: 5.2
Sp. conductance: 22 µS/cm
Turbidity: 10 NTU

Time: 14:10
Water temperature: 22.9°C
Air temperature: 28.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.84	J	I		26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	535				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	250				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	8.40				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	242	J	I		471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	1,650				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	17.9				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 37D collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dichloromethane	<4.71	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<19.4	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	748				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	681				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	8.70	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.290	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	271				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,440				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	24.5	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,820				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,890				285	µg/L	WA	EPA6010B
0	Sulfate	259	J	I		340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<8,000	JU	L	C6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	460	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<30.1	U	V		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	45.0	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	4.97E-09±5.41E-09	U			9.07E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	9.47E-10±4.52E-10	J	I		4.99E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.25E-10±5.52E-10	U			1.07E-09	µCi/mL	GP	EPIA-001
0	Radium-226	5.16E-10±5.84E-10	U			9.27E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.01E-09±5.75E-10	J	I		9.61E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.02E-10±4.61E-10	U			1.08E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.22E-05±9.77E-07				6.82E-07	µCi/mL	GP	EPIA-002

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 54.9 ft (16.73 m) below TOC
Water elevation: 236.7 ft (72.15 m) msl
pH: 4.5
Sp. conductance: 42 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 8:28
Water temperature: 15.2°C
Air temperature: 9.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	1.47	J	I		6.70	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	276				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	312				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	17.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B

Well BGO 38D collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	124	J	I		471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloride	1,730				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	8.70	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.75	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Fluoride	91.0		V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	96.2				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	237				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.800	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	892				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	2,240				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	49.9	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	5,700	J	K	I	1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,280				285	µg/L	WA	EPA6010B
0	Sulfate	281	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	19,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	396	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	20.3	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<15.3	U	V		67.0	µg/L	WA	EPA365.2
0	Total phosphates (as P)	<12.0	U	V		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

Well BGO 38D collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.61E-09±5.14E-09	U			8.97E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.87E-09±5.71E-10				4.76E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.70E-09±6.24E-10	J	I		1.14E-09	µCi/mL	GP	EPIA-001
1	Radium-226	3.37E-09±1.09E-09				7.82E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.02E-09±5.57E-10	U			1.09E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	3.95E-10±5.27E-10	U			1.06E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.04E-05±9.03E-07				6.06E-07	µCi/mL	GP	EPIA-002

WELL BGO 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 129.78 ft (39.56 m) below TOC
Water elevation: 166.12 ft (50.63 m) msl
pH: 7
Sp. conductance: 216 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 47 gal

Time: 8:45
Water temperature: 19.7°C
Air temperature: 25.7°C
Total alkalinity (as CaCO3): 90 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	110				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	16.4	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	69.6				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.48	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	55.5	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	80.4				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	9,470				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	136,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	294		I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	24.7		I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 39A collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.68E-09±5.35E-09	U			9.08E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	9.92E-10±7.65E-10	U			1.14E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.10E-09±9.74E-10				1.09E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.73E-10±4.72E-10	U			8.45E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.98E-09±5.98E-10	J	I		1.06E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.02E-10±5.19E-10	U			1.17E-09	µCi/mL	GP	EPIA-004
0	Tritium	-3.09E-07±3.86E-07	U			7.00E-07	µCi/mL	GP	EPIA-002

WELL BGO 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 64.85 ft (19.77 m) below TOC
Water elevation: 231.55 ft (70.58 m) msl
pH: 6.1
Sp. conductance: 53 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 31 gal

Time: 9:23
Water temperature: 20°C
Air temperature: 29.7°C
Total alkalinity (as CaCO3): 23 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	58.1				26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	25.2	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	7.60				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.21	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	15.0	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.440	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	925				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	27,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	173		I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 39C collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.27E-09±5.27E-09	U			8.97E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	8.47E-10±4.83E-10	J	I		7.29E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.03E-09±5.44E-10	U			1.04E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.91E-11±4.10E-10	U			8.53E-10	µCi/mL	GP	EPIA-008
0	Radium-228	9.21E-10±3.89E-10	J	I		7.08E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.49E-10±3.87E-10	U			8.63E-10	µCi/mL	GP	EPIA-004
0	Tritium	6.57E-06±6.25E-07				6.83E-07	µCi/mL	GP	EPIA-002

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/01/99
Depth to water: 60.1 ft (18.32 m) below TOC
Water elevation: 235.6 ft (71.81 m) msl
pH: 3.7
Sp. conductance: 34 µS/cm
Turbidity: 12 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:20
Water temperature: 19.3°C
Air temperature: 7.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
1	Acenaphthene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	Acenaphthylene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	<3.91	U	V		13.4	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Aluminum, total recoverable	1,120				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	185				146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aniline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	Anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Aramite	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	5.50				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
2	Benzo(a)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzo(b)fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzo(k)fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C

Well BGO 39D collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzo(k)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzoic acid	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
1	Benzo(g,h,i)perylene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzo(a)pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Benzyl alcohol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	0.180	J	I		1.60	µg/L	WA	EPA6010B
1	Bis(2-chloroethoxy) methane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	Bis(2-chloroethyl) ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Bis(2-ethylhexyl) phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
1	4-Bromophenyl phenyl ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	2-sec-Butyl-4,6-dinitrophenol	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.110	U			0.110	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.110	U			0.110	µg/L	WA	EPA8081A
0	Chloride	3,240				210	µg/L	WA	EPA9056
2	4-Chloroaniline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	4-Chloro-m-cresol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<2.48	U		8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	2.70	J	I		10.0	µg/L	WA	EPA8260B
1	2-Chloronaphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	2-Chlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	4-Chlorophenyl phenyl ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.40	J	I		7.00	µg/L	WA	EPA6010B
2	Chrysene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Chrysene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<0.710	JU	I	4	4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	7.30	J	I		15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	10.6	R	L	C	10.6	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<10.2	U			10.2	µg/L	WA	EPA8270C
2	o-Cresol (2-Methylphenol)	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.101	U			0.101	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.101	U			0.101	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Diallate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diallate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Dibenz(a,h)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Dibenzofuran	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C

Well BGO 39D collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	*1,2-Dichlorobenzene*	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	1,3-Dichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	3,3'-Dichlorobenzidine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	2,4-Dichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.05	JU	H	I	1.05	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Diethyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.510	JU	L	C	0.510	µg/L	WA	EPA8141A
1	2,4-Dimethyl phenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	*a,a-Dimethylphenethylamine*	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
2	2,4-Dinitrotoluene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	2,6-Dinitrotoluene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	*Diphenylamine*	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.510	U			0.510	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Endosulfan II	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Endrin	<0.101	JU	K	I	0.101	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.101	U			0.101	µg/L	WA	EPA8081A
2	Ethyl methacrylate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<1.22	U			1.22	µg/L	WA	EPA8141A
1	Fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	Fluorene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluoride	<10.7	U	V		40.0	µg/L	WA	EPA340.2
0	Heptachlor	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0505	U			0.0505	µg/L	WA	EPA8081A
2	Hexachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Hexachlorobutadiene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C

Well BGO 39D collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorocyclopentadiene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Hexachloroethane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Hexachlorophene	250	R	L	C	250	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	JU	Q		250	µg/L	WA	EPA8270C
0	Hexachloropropene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Indeno(1,2,3-c,d)pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	3,650				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	132				74.0	µg/L	WA	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isodrin	<0.101	U			0.101	µg/L	WA	EPA8081A
1	Isophorone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	*Isophorone*	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isosafrole	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Kepone	<0.505	U			0.505	µg/L	WA	EPA8081A
0	Lead, total recoverable	5.20	J	I		47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Lithium, total recoverable	0.600	J	I		2.70	µg/L	WA	EPA6010B
0	Manganese, total recoverable	13.0				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methapyrilene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methapyrilene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.505	U			0.505	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	2-Methylnaphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Naphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,440				40.0	µg/L	WA	EPA353.2
2	m-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
2	o-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
2	p-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
1	Nitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	*2-Nitrophenol*	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	4-Nitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	N-Nitrosodiphenylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	N-Nitrosodipropylamine	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C

Well BGO 39D collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.510	U			0.510	µg/L	WA	EPA8141A
0	Parathion methyl	<0.510	U			0.510	µg/L	WA	EPA8141A
0	PCB 1016	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1016	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1221	<2.04	U			2.04	µg/L	WA	EPA8082
0	PCB 1221	<2.08	JU	Q		2.08	µg/L	WA	EPA8082
0	PCB 1232	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1232	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1242	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1242	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1248	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1248	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1254	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1254	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1260	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1260	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	Pentachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
2	Pentachlorophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	JU	LQ	C	26.0	µg/L	WA	EPA8270C
0	Phenacetin	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	Phenanthrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phorate	<0.510	U			0.510	µg/L	WA	EPA8141A
0	2-Picoline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Picoline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pronamid	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
1	Pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyridine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Safrole	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,990				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	841				340	µg/L	WA	EPA9056
0	Sulfide	<20,000	U			20,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.510	U			0.510	µg/L	WA	EPA8141A
0	2,4,5-T	<0.525	JU	H	I	0.525	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.510	U			0.510	µg/L	WA	EPA8141A

Well BGO 39D collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Total dissolved solids	35,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	24.3	J	I	X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	185				67.0	µg/L	WA	EPA365.2
0	Toxaphene	<5.05	U			5.05	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.525	JU	L	C	0.525	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<10.0	JU	LQ	C	10.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.02	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	2,4,5-Trichlorophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
2	2,4,6-Trichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.510	U			0.510	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	1.10	J	I		6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	10.1	J	I		53.0	µg/L	WA	EPA6010B
0	Actinium-228	8.37E-09±9.80E-09	U			1.47E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.59E-10±2.26E-10	U			2.38E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	6.50E-10±4.83E-09	U			8.21E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.88E-08±6.46E-09	J	I		1.01E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	6.28E-09±1.20E-08	U			2.12E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.24E-09±1.85E-09	U			2.69E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-3.02E-10±1.97E-09	U			3.05E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.22E-10±1.50E-09	U			2.61E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.08E-09±1.65E-09	U			3.38E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			2.51E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	6.03E-11±1.64E-10	U			4.19E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			2.38E-10	µCi/mL	GP	EPIA-011
0	Europium-152	4.54E-09±5.47E-09	U			9.68E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3.26E-10±4.51E-09	U			8.64E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.39E-09±6.27E-09	U			1.09E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	3.51E-09±9.21E-10				7.47E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	1.55E-10±6.49E-10	U			6.35E-10	µCi/mL	GP	EPIA-006
0	Lead-212	5.19E-09±4.55E-09	U			5.41E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.04E-10±1.84E-09	U			3.23E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-1.03E-11±2.06E-11	U			2.26E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	-1.69E-08±5.64E-08	JU	L	I	9.78E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	3.62E-09±9.96E-10	J	I		1.68E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	2.10E-11±8.53E-11	U			2.51E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-9.69E-12±1.94E-11	U			2.13E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	3.55E-08±2.76E-08	J	I		2.51E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	2.57E-10±1.66E-09	U			2.68E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-5.74E-10±2.14E-09	U			3.79E-09	µCi/mL	GP	EPIA-013
0	Radium-226	9.42E-10±5.76E-10	U	V		5.80E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.15E-09±4.19E-10	J	I		7.39E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	2.19E-08±1.49E-08	U			2.94E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.27E-10±1.61E-09	U			3.09E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	4.47E-10±4.74E-10	U			9.75E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	3.62E-09±1.17E-08	U			2.01E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	2.55E-12±1.00E-10	U			3.02E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	-6.30E-12±7.16E-11	U			2.55E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.64E-11±6.66E-11	U			1.96E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.67E-05±9.57E-07				5.88E-07	µCi/mL	GP	EPIA-002
2	Tritium	2.76E-05±9.76E-07				5.94E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	8.93E-11±1.33E-10	U			2.58E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-7.67E-12±1.54E-11	U			1.69E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	4.85E-11±9.29E-11	U			1.98E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	8.87E-10±1.81E-09	U			3.69E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-9.72E-10±4.64E-09	U			6.89E-09	µCi/mL	GP	EPIA-013

WELL BGO 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 68.08 ft (20.75 m) below TOC
Water elevation: 220.32 ft (67.15 m) msl
pH: 6
Sp. conductance: 108 µS/cm
Turbidity: 199 NTU

Time: 8:45
Water temperature: 17.1°C
Air temperature: 13.5°C
Total alkalinity (as CaCO3): 55 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	21.5				13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	2,110				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<4.10	U	V		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	99.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	0.620	J	I		4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	24.5				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	13.2	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.43	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	3,980				74.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	31.0	J	I		47.0	µg/L	WA	EPA6010B
1	Lithium, total recoverable	135				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	15.0	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	19.3				5.00	µg/L	WA	EPA6010B
0	Sulfate	947				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	98,000	J	I		100,000	µg/L	WA	EPA160.1
0	Total organic carbon	684	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	13.3	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.32	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	152				53.0	µg/L	WA	EPA6010B
0	Carbon-14	-6.26E-09±5.10E-09	U			9.15E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.64E-09±8.72E-10				6.69E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.58E-09±8.26E-10				1.05E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.79E-10±4.97E-10	U			9.67E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.74E-10±5.18E-10	U			1.00E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-9.89E-11±5.63E-10	U			1.27E-09	µCi/mL	GP	EPIA-004
0	Tritium	5.50E-06±5.21E-07				5.77E-07	µCi/mL	GP	EPIA-002

WELL BGO 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 141.99 ft (43.28 m) below TOC
Water elevation: 158.31 ft (48.25 m) msl
pH: 11.3
Sp. conductance: 3,909 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:12
Water temperature: 19°C
Air temperature: 21.6°C
Total alkalinity (as CaCO3): 914 mg/L
Phenolphthalein alkalinity: 899 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	453				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	498				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<3.10	U	V		27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	426				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	13.2				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.20	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.98	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	33.6	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	12.3	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	95.9				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	2.90	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.760	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sulfate	7,940	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	448,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,730				1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.0	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	4.74	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.75E-09±5.09E-09	U			8.88E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.79E-09±2.33E-09	J	I		3.16E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	6.94E-09±2.15E-09				2.53E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.25E-09±1.88E-09				3.13E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.87E-09±1.74E-09				2.84E-09	µCi/mL	GP	EPIA-001
1	Radium-226	4.26E-09±1.12E-09				7.53E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.62E-10±4.33E-10	U			8.54E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-7.12E-11±2.62E-10	U			6.05E-10	µCi/mL	GP	EPIA-004
0	Tritium	8.35E-07±3.83E-07	J	I		6.01E-07	µCi/mL	GP	EPIA-002

WELL BGO 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/08/99
Depth to water: 76.79 ft (23.41 m) below TOC
Water elevation: 221.11 ft (67.4 m) msl
pH: 5.3
Sp. conductance: 28 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 63 gal

Time: 14:33
Water temperature: 20.3°C
Air temperature: 26°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	11.8	J	I		26.8	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	12.2	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<32.4	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	17.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	68.2	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.30	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	10.0	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.10	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	348				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<7.40	U	V		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.90	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	624			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	22,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	356	J	I		1,000	µg/L	WA	EPA9060
1	Total organic halogens	87.0	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	97.6				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	20.3	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.85E-09±4.96E-09	U			8.71E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.29E-09±6.33E-10	J	I		8.74E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.81E-09±8.06E-10	J	I		1.54E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.68E-10±4.67E-10	U			9.08E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.53E-10±3.15E-10	U			6.45E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	3.95E-11±4.29E-10	U			9.82E-10	µCi/mL	GP	EPIA-004
1	Tritium	1.12E-05±7.52E-07				6.92E-07	µCi/mL	GP	EPIA-002

WELL BGO 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 158.91 ft (48.44 m) below TOC
Water elevation: 155.99 ft (47.55 m) msl
pH: 11.3
Sp. conductance: 934 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:40
Water temperature: 20.2°C
Air temperature: 25.3°C
Total alkalinity (as CaCO3): 185 mg/L
Phenolphthalein alkalinity: 170 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	162				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	996				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	312				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	28.9	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	14.9				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.70	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.20	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	5.10	J	I		47.0	µg/L	WA	EPA6010B
2	Lithium, total recoverable	559				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	11,300			X	680	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	221,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	5,390				1,000	µg/L	WA	EPA9060
0	Total organic halogens	12.5	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.92E-09±5.31E-09	U			9.00E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.94E-09±9.95E-10	J	I		1.52E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.06E-08±1.18E-09				1.54E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.60E-10±4.96E-10	U	V		2.29E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.37E-09±4.50E-10	J	I		7.65E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.15E-10±3.74E-10	U			8.16E-10	µCi/mL	GP	EPIA-004
0	Tritium	2.23E-06±4.84E-07				6.84E-07	µCi/mL	GP	EPIA-002

WELL BGO 43AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 158.77 ft (48.39 m) below TOC
Water elevation: 155.53 ft (47.41 m) msl
pH: 8.1
Sp. conductance: 209 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 166 gal

Time: 13:17
Water temperature: 20°C
Air temperature: 24.3°C
Total alkalinity (as CaCO3): 92 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	111				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	50.5	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	45.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<12.4	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	8.30	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	9.90				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	6,850			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	130,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	289	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	27.3	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	8.72E-10±5.22E-09	U			8.97E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.13E-09±6.59E-10	J	I		9.96E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.22E-09±5.71E-10	J	I		1.07E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.68E-10±5.89E-10	U	V		6.41E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.09E-10±4.59E-10	U			9.61E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.63E-10±2.57E-10	U			5.01E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	2.82E-10±3.51E-10	U			7.47E-10	µCi/mL	GP	EPIA-004
0	Tritium	-2.84E-08±3.92E-07	U			6.87E-07	µCi/mL	GP	EPIA-002

WELL BGO 43CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 92.35 ft (28.15 m) below TOC
Water elevation: 222.95 ft (67.96 m) msl
pH: 9.3
Sp. conductance: 90 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 14:00
Water temperature: 19.9°C
Air temperature: 25.2°C
Total alkalinity (as CaCO3): 22 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	30.5				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	293				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	70.8				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	104	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.50	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.70	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<13.2	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	394				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.40	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	54.9				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	12,800			X	680	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	53,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	907	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	16.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	24.4	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	4.39E-09±5.34E-09	U			8.98E-09	µCi/mL	GP	EPIA-003
2	Gross alpha	2.39E-08±2.21E-09				7.39E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.44E-08±1.17E-09				9.79E-10	µCi/mL	GP	EPIA-001
2	Radium-226	5.63E-09±1.41E-09				9.06E-10	µCi/mL	GP	EPIA-008
1	Radium-228	3.00E-09±6.15E-10				9.27E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	5.54E-10±7.20E-10	JU	L	I	1.51E-09	µCi/mL	GP	EPIA-004
0	Tritium	4.38E-06±5.62E-07				6.90E-07	µCi/mL	GP	EPIA-002

WELL BGO 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 86.15 ft (26.26 m) below TOC
Water elevation: 229.15 ft (69.85 m) msl
pH: 5.8
Sp. conductance: 54 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 83 gal

Time: 12:16
Water temperature: 19.7°C
Air temperature: 23.7°C
Total alkalinity (as CaCO3): 10 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	19.7	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	15.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	46.3	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<0.840	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.20	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.72	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	15.4	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	11.7	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.10	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	8,240			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	24,000	J	IL	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	202	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	15.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	5.30	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	4.38E-09±5.42E-09	U			9.12E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.25E-09±1.08E-09				6.30E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.22E-09±7.58E-10				1.08E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.42E-09±9.26E-10	J	I		6.37E-10	µCi/mL	GP	EPIA-008
0	Radium-226	2.03E-09±9.01E-10	U	V		8.22E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.12E-10±4.37E-10	U			9.45E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.81E-10±5.09E-10	JU	L	I	1.09E-09	µCi/mL	GP	EPIA-004
0	Tritium	4.46E-06±5.57E-07				6.78E-07	µCi/mL	GP	EPIA-002

WELL BGO 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 127.9 ft (38.98 m) below TOC
Water elevation: 157.4 ft (47.98 m) msl
pH: 6.9
Sp. conductance: 179 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 149 gal

Time: 9:43
Water temperature: 19.5°C
Air temperature: 18.9°C
Total alkalinity (as CaCO3): 68 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	69.9				26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	37.0	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	31.6				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.20	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.78	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	4.30				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	5,910				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	119,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	265	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	27.7	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	4.43E-09±5.39E-09	U			9.06E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	9.29E-10±5.13E-10	J	I		6.91E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.83E-09±6.31E-10				9.72E-10	µCi/mL	GP	EPIA-001
0	Radium-226	1.05E-09±5.65E-10	U	V		5.16E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.42E-10±3.73E-10	U			7.96E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.71E-10±6.23E-10	JU	L	I	1.35E-09	µCi/mL	GP	EPIA-004
0	Tritium	-1.14E-07±3.89E-07	U			6.89E-07	µCi/mL	GP	EPIA-002

WELL BGO 44AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 127.77 ft (38.94 m) below TOC
Water elevation: 157.53 ft (48.02 m) msl
pH: 9.4
Sp. conductance: 195 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 195 gal

Time: 10:20
Water temperature: 19.9°C
Air temperature: 21.6°C
Total alkalinity (as CaCO3): 78 mg/L
Phenolphthalein alkalinity: 41 mg/L
Field Qualifier(s): SH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	53.2				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	313				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	77.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	5.15	J	I		10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<8.58	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	12.3	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	48.6				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	9,170			X	680	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	67,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	301	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	8.19E-10±5.39E-09	U			9.26E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.03E-09±7.20E-10	J	I		8.05E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.79E-09±7.47E-10				1.01E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.45E-09±8.09E-10	U	V		4.88E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-8.69E-12±3.10E-10	U			6.98E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.74E-11±3.99E-10	JU	L	I	8.90E-10	µCi/mL	GP	EPIA-004
0	Tritium	2.50E-06±4.94E-07				6.84E-07	µCi/mL	GP	EPIA-002

WELL BGO 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 66.21 ft (20.18 m) below TOC
Water elevation: 218.99 ft (66.75 m) msl
pH: 10.8
Sp. conductance: 946 µS/cm
Turbidity: 4 NTU

Time: 10:08
Water temperature: 19.9°C
Air temperature: 22.1°C
Total alkalinity (as CaCO3): 81 mg/L
Phenolphthalein alkalinity: 37 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	7.88	J	I		26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	33.3	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	55.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.00	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	48.4	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.290	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.540	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sulfate	300	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	7,000	J	IL	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	419	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	13.3	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.52E-08±6.14E-09				9.28E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.14E-09±8.91E-10	J	I		1.18E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.95E-09±8.31E-10				1.09E-09	µCi/mL	GP	EPIA-001
0	Radium-226	9.73E-10±5.10E-10	U	V		1.88E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.93E-10±5.09E-10	U			1.04E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	4.52E-10±4.58E-10	JU	L	I	9.48E-10	µCi/mL	GP	EPIA-004
2	Tritium	6.82E-05±1.63E-06				6.92E-07	µCi/mL	GP	EPIA-002

WELL BGO 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 66.82 ft (20.37 m) below TOC
Water elevation: 218.78 ft (66.68 m) msl
pH: 8.5
Sp. conductance: 99 µS/cm
Turbidity: 13 NTU

Time: 10:45
Water temperature: 20.2°C
Air temperature: 22.6°C
Total alkalinity (as CaCO3): 40 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	41.3				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	407				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	57.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	4.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	676				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	16.4	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	15.9				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	4.50	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	1,220			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	50,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<1,000	U			1,000	µg/L	WA	EPA9060
0	Total organic halogens	14.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	34.1	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.07E-10±5.26E-09	U			9.10E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.63E-09±1.04E-09				6.74E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.59E-09±7.75E-10				9.70E-10	µCi/mL	GP	EPIA-001
0	Radium-226	1.84E-09±6.83E-10	U	V		1.79E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.98E-10±3.57E-10	U			6.91E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-4.65E-10±4.37E-10	JU	L	I	1.08E-09	µCi/mL	GP	EPIA-004
2	Tritium	5.96E-05±1.52E-06				6.88E-07	µCi/mL	GP	EPIA-002
2	Tritium	6.12E-05±1.55E-06				6.91E-07	µCi/mL	GP	EPIA-002

WELL BGO 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 55.19 ft (16.82 m) below TOC
Water elevation: 230.21 ft (70.17 m) msl
pH: 4.5
Sp. conductance: 18 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 9:30
Water temperature: 19.7°C
Air temperature: 18.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	41.3				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	413				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	135				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.60	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.80	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Iron, total recoverable	259				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	50.7				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	8,350			X	680	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	83,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	3,450				1,000	µg/L	WA	EPA9060
0	Total organic halogens	17.8	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	4.10	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	145				53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.61E-09±5.43E-09	U			9.23E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.77E-09±8.96E-10				4.08E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.89E-09±6.27E-10				9.34E-10	µCi/mL	GP	EPIA-001
2	Radium-226	6.51E-09±1.30E-09				1.82E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.90E-10±4.92E-10	U			1.04E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.54E-10±4.00E-10	JU	L	I	9.30E-10	µCi/mL	GP	EPIA-004
2	Tritium	2.05E-05±9.12E-07				6.00E-07	µCi/mL	GP	EPIA-002

WELL BGO 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 119.29 ft (36.36 m) below TOC
Water elevation: 159.61 ft (48.65 m) msl
pH: 7.3
Sp. conductance: 179 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 78 gal

Time: 10:26
Water temperature: 19.7°C
Air temperature: 19.4°C
Total alkalinity (as CaCO3): 78 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	86.6				26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	30.4	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	36.7				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.60	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.63	U	V	8	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.57	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.930	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	2,160			X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B

Well BGO 45A collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	106,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	142	J	I		1,000	µg/L	WA	EPA9060
0	Total organic carbon	163	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	13.5	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.57E-09±5.27E-09	U			8.91E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	8.64E-10±6.13E-10	U			1.05E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.13E-09±5.69E-10	J	I		1.09E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.53E-09±6.96E-10	U	V		6.48E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.52E-10±5.01E-10	U			1.07E-09	µCi/mL	GP	EPIA-009
0	Radium-228	1.18E-10±3.20E-10	U			6.99E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.50E-10±4.25E-10	JU	L	I	9.24E-10	µCi/mL	GP	EPIA-004
2	Tritium	2.15E-05±9.24E-07				5.94E-07	µCi/mL	GP	EPIA-002

WELL BGO 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 61.64 ft (18.79 m) below TOC
Water elevation: 216.96 ft (66.13 m) msl
pH: 9.5
Sp. conductance: 135 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 12:55
Water temperature: 19.7°C
Air temperature: 18.8°C
Total alkalinity (as CaCO3): 55 mg/L
Phenolphthalein alkalinity: 27 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	24.5	J	I		26.8	mg/L	WA	EPA310.1
1	Aluminum, dissolved	46.1	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<16.4	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	342				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	58.8				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	2.90	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.40	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<74.0	U			74.0	µg/L	WA	EPA6010B

Well BGO 45B collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	40.3				2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.70	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	649				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<50,000	U			50,000	µg/L	WA	EPA160.1
0	Total organic carbon	938	J	I		5,000	µg/L	WA	EPA9060
0	Total organic halogens	16.9	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-4.24E-09±4.82E-09	U			8.58E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.04E-09±6.59E-10	U			1.10E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.47E-09±7.62E-10				1.18E-09	µCi/mL	GP	EPIA-001
0	Radium-226	4.37E-10±5.69E-10	U			9.43E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.62E-10±4.04E-10	U			8.25E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.24E-10±4.28E-10	U			1.04E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.10E-05±7.11E-07				6.35E-07	µCi/mL	GP	EPIA-002

WELL BGO 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 58.04 ft (17.69 m) below TOC
Water elevation: 220.56 ft (67.23 m) msl
pH: 8.3
Sp. conductance: 33 µS/cm
Turbidity: 9 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:20
Water temperature: 20°C
Air temperature: 26.4°C
Total alkalinity (as CaCO3): 13 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.78	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<33.5	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	169				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	8.80				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	31.0	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	0.560	J	I		4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.40	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.40	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	16.9				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 45C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	110				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<136	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	22.9	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.10	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.70	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	461				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	35,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,440	J	I		5,000	µg/L	WA	EPA9060
0	Total organic halogens	18.0	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.46	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	40.2	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.72E-10±4.96E-09	U			8.60E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.42E-10±4.59E-10	U			8.36E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.10E-09±6.80E-10	U			1.35E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.61E-09±1.04E-09	U	V		9.70E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.25E-10±3.96E-10	U			7.99E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.91E-10±4.78E-10	U			1.06E-09	µCi/mL	GP	EPIA-004
2	Tritium	4.09E-04±8.03E-06				1.43E-06	µCi/mL	GP	EPIA-002

WELL BGO 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 53.48 ft (16.3 m) below TOC
Water elevation: 225.12 ft (68.62 m) msl
pH: 4.7
Sp. conductance: 24 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 31 gal

Time: 12:30
Water temperature: 19.3°C
Air temperature: 18.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	8.80	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<31.1	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	170				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	9.30				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 45D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	0.850	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.50	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.70	U	V	8	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.90	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<41.0	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.940	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.80	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	537				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	1.05	J	I		5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	1.00	J	I		5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	16,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	13.4	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	4.95	J	I		5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	4.34	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	7.10	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.27E-09±5.03E-09	U			8.77E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.53E-09±5.21E-10	J	I		5.03E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.46E-09±5.32E-10	J	I		9.46E-10	µCi/mL	GP	EPIA-001
0	Radium-226	9.57E-10±7.03E-10	U	V		9.38E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.07E-10±5.08E-10	U			1.01E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	3.77E-10±5.96E-10	U			1.30E-09	µCi/mL	GP	EPIA-004

Well BGO 45D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	6.12E-06±5.78E-07				6.29E-07	µCi/mL	GP	EPIA-002

WELL BGO 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 49.68 ft (15.14 m) below TOC
Water elevation: 215.72 ft (65.75 m) msl
pH: 6
Sp. conductance: 55 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 133 gal

Time: 10:37
Water temperature: 19.9°C
Air temperature: 18.8°C
Total alkalinity (as CaCO3): 23 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	31.3				13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	271				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	3.10				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	2.20	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.10	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.56	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<27.9	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.10	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA6010B
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	600				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	54,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U		X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	2.78	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 46B collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	6.70	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-4.48E-09±4.78E-09	U			8.53E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.49E-10±2.86E-10	U			5.44E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.33E-10±2.60E-10	U			5.72E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.01E-10±4.66E-10	U			9.75E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.34E-10±4.58E-10	U			9.71E-10	µCi/mL	GP	EPIA-001
0	Radium-226	1.37E-09±8.23E-10	U	V		9.88E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.91E-10±4.54E-10	U			9.89E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	6.69E-11±6.75E-10	U			1.54E-09	µCi/mL	GP	EPIA-004
0	Tritium	5.72E-06±5.63E-07				6.22E-07	µCi/mL	GP	EPIA-002

WELL BGO 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/99
Depth to water: 48 ft (14.63 m) below TOC
Water elevation: 217.1 ft (66.17 m) msl
pH: 6
Sp. conductance: 44 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:42
Water temperature: 19°C
Air temperature: 10.9°C
Total alkalinity (as CaCO3): 13 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	39.4				26.8	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	172				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	280				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	10.5				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	3.31	J	I		5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.60	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.10	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	3.38	J	I		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Iron, dissolved	167				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	762				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	16.4	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	23.5				2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	4.10	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	0.770	J	I		5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.670	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sulfate	1,480				340	µg/L	WA	EPA9056

Well BGO 46C collected on 12/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	37,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,490				1,000	µg/L	WA	EPA9060
1	Total organic halogens	78.2	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	31.3				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	52.3	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.85E-09±6.58E-09	U			1.12E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	1.44E-09±6.29E-09	U			1.08E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	1.16E-09±1.20E-09	U			2.39E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.68E-09±1.20E-09	U			2.41E-09	µCi/mL	GP	EPIA-001
0	Radium-226	5.15E-10±5.83E-10	U			9.26E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.56E-10±4.09E-10	U			8.91E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.97E-10±5.03E-10	U			1.16E-09	µCi/mL	GP	EPIA-004
2	Tritium	4.30E-03±8.37E-05	J	K	C	5.75E-06	µCi/mL	GP	EPIA-002

WELL BGO 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/99
Depth to water: 42.87 ft (13.07 m) below TOC
Water elevation: 222.23 ft (67.74 m) msl
pH: 5
Sp. conductance: 47 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 76 gal

Time: 11:16
Water temperature: 19°C
Air temperature: 9.7°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	4.92	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	26.6	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	16.9	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	236				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	4.00				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	3.90				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Chloroethene (Vinyl chloride)	3.91	J	I		10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<0.900	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	1,1-Dichloroethane	17.5				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 46D collected on 12/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<18.8	U	V		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	43.2	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	30.1	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.10	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.00	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	0.213	J	I		0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	0.244	J	I		0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	1,460				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	6.00				5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	12,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	13,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,970				1,000	µg/L	WA	EPA9060
2	Total organic halogens	170			CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	26.9				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	5.90	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	5.70	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	9.92E-10±5.30E-09	U			9.10E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.97E-09±6.22E-10	J	K	C	5.84E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.04E-09±4.43E-10	J	IK	C	4.56E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.44E-09±5.64E-10	J	I		1.01E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.41E-09±5.58E-10	J	I		1.02E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.11E-09±7.66E-10	J	I		9.93E-10	µCi/mL	GP	EPIA-008
0	Radium-226	1.25E-09±8.23E-10	J	I		1.04E-09	µCi/mL	GP	EPIA-008
0	Radium-228	4.77E-10±3.22E-10	U			6.40E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.76E-10±5.08E-10	JU	L	C	1.14E-09	µCi/mL	GP	EPIA-004
2	Tritium	1.50E-02±2.77E-04				1.07E-05	µCi/mL	GP	EPIA-002

WELL BGO 47A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 105.61 ft (32.19 m) below TOC
Water elevation: 161.29 ft (49.16 m) msl
pH: 10.1
Sp. conductance: 194 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 144 gal

Time: 12:18
Water temperature: 19.6°C
Air temperature: 8.3°C
Total alkalinity (as CaCO3): 88 mg/L
Phenolphthalein alkalinity: 45 mg/L
Field Qualifier(s): SH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	84.0				1.00	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO3)	<41.6	U		6	13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	238				50.0	µg/L	GE	EPA6010B
2	Aluminum, total recoverable	224				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<4.30	U	V		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	66.9				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	73.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 47A collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	4.46	J	I		50.0	µg/L	GE	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.77	J	I		5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<2.70	U	V		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<7.89	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	21.4				2.00	µg/L	GE	EPA6020
0	Lithium, total recoverable	21.9				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	2.79	J	I		5.00	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<0.690	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	5,360				200	µg/L	GE	EPA300.0
0	Sulfate	6,230				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	116,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	122,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	129,000				50,000	µg/L	WA	EPA160.1

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Well BGO 47C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	284				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	14.2				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	1.22	J	I		5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.40	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.40	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<8.73	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	8.10	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.40				2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	345				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	50,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	624	J	I		5,000	µg/L	WA	EPA9060
0	Total organic halogens	29.8	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	2.74	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	11.5	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.63E-09±4.83E-09	U			8.51E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.04E-09±4.41E-10	J	I		4.87E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	8.35E-10±4.40E-10	J	I		6.42E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.46E-10±5.13E-10	U			1.01E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.11E-09±5.07E-10	J	I		9.48E-10	µCi/mL	GP	EPIA-001
0	Radium-226	1.25E-09±7.49E-10	U	V		8.99E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.36E-10±5.18E-10	U			1.03E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	2.71E-10±4.96E-10	U			1.09E-09	µCi/mL	GP	EPIA-004
2	Tritium	3.80E-04±7.48E-06				1.37E-06	µCi/mL	GP	EPIA-002

WELL BGO 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/99
Depth to water: 45.4 ft (13.84 m) below TOC
Water elevation: 222 ft (67.67 m) msl
pH: 5.6
Sp. conductance: 48 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 60 gal

Time: 10:21
Water temperature: 19.3°C
Air temperature: 6.7°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<21.7	U		6	13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	301				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	18.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	2.43	J	I		10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	0.990	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<1.50	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Dichloromethane	4.19	J	I		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<16.5	U	V		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	91.8			X	74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	8.40	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.30	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	0.840	J	I		5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	327	J	I		340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<15,000	U		6	50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	<16,000	U		6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,990				1,000	µg/L	WA	EPA9060
0	Total organic halogens	26.2	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.47	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B

Well BGO 47D collected on 12/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	1.07E-08±5.54E-09	J	I		8.99E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.84E-09±1.32E-09	J	K	C	9.86E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.51E-09±1.20E-09	J	I		2.24E-09	µCi/mL	GP	EPIA-001
1	Radium-226	3.98E-09±1.21E-09				9.14E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.68E-10±4.74E-10	U			9.27E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.55E-10±7.22E-10	JU	L	I	1.71E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.50E-04±4.96E-06				1.16E-06	µCi/mL	GP	EPIA-002

WELL BGO 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/99
Depth to water: 55.66 ft (16.97 m) below TOC
Water elevation: 220.94 ft (67.34 m) msl
pH: 5.6
Sp. conductance: 48 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 102 gal

Time: 9:27
Water temperature: 18.2°C
Air temperature: 5°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	33.5				26.8	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	45.2	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	218				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	23.8				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.90	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<29.8	U	V		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	35.4	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	7.70	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.80	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	0.180	J	I		0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	525				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	6.00				5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	72,000				50,000	µg/L	WA	EPA160.1

Well BGO 48C collected on 12/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total organic carbon	2,020				1,000	µg/L	WA	EPA9060
1	Total organic halogens	69.2	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	11.7				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	19.5	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	6.07E-08±8.05E-09				1.08E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	9.16E-10±6.73E-10	U			9.82E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.72E-09±1.09E-09	U			2.14E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.28E-09±7.37E-10	J	I		8.65E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.58E-10±3.16E-10	U			6.84E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.16E-10±4.49E-10	U			1.05E-09	µCi/mL	GP	EPIA-004
2	Tritium	3.86E-03±7.48E-05	J	K	C	5.35E-06	µCi/mL	GP	EPIA-002
2	Tritium	3.72E-03±7.12E-05	J	K	C	5.14E-06	µCi/mL	GP	EPIA-002

WELL BGO 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/99
Depth to water: 53.51 ft (16.31 m) below TOC
Water elevation: 223.39 ft (68.09 m) msl
pH: 4.7
Sp. conductance: 51 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 54 gal

Time: 9:08
Water temperature: 18.6°C
Air temperature: 2.5°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	2.95	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	92.3	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	334				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	81.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	1.74	J	I		5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<0.810	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<17.3	U	V		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	28.9	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.10	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.50	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	0.394	J	I		0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	0.418	J	I		0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	4.43	J	I		37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B

Well BGO 48D collected on 12/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	406				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	94.8				5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	143,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,290				1,000	µg/L	WA	EPA9060
2	Total organic halogens	155			CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	36.5				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	9.90	J	I		53.0	µg/L	WA	EPA6010B
2	Carbon-14	4.21E-06±3.82E-08				9.00E-09	µCi/mL	GP	EPIA-003
1	Gross alpha	7.58E-09±1.11E-09	J	K	C	4.80E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.17E-09±6.72E-10				1.04E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.91E-10±5.70E-10	U			1.04E-09	µCi/mL	GP	EPIA-008
0	Radium-228	1.57E-09±4.92E-10	J	I		8.60E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.98E-10±4.47E-10	JU	L	C	1.10E-09	µCi/mL	GP	EPIA-004
2	Tritium	9.46E-02±1.39E-03				2.86E-05	µCi/mL	GP	EPIA-002

WELL BGO 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/11/99
Depth to water: 106.83 ft (32.56 m) below TOC
Water elevation: 164.37 ft (50.1 m) msl
pH: 11.8
Sp. conductance: 3,150 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 10:53
Water temperature: 20.3°C
Air temperature: 23.8°C
Total alkalinity (as CaCO3): 684 mg/L
Phenolphthalein alkalinity: 684 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	177				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	1,170				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	6.20	J	I		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	209				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.60	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.99	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	23.4	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	98.2				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B

Well BGO 49A collected on 11/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	2,030	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	330,000				50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	349,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	948	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	17.3	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	4.09E-09±4.18E-09	U			6.98E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.50E-09±1.51E-09				1.82E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.61E-09±1.42E-09				2.08E-09	µCi/mL	GP	EPIA-001
1	Radium-226	3.15E-09±9.42E-10				5.17E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.24E-09±5.22E-10	J	I		9.75E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	3.40E-10±3.81E-10	JU	L	I	7.93E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-2.80E-10±2.73E-10	JU	L	I	6.64E-10	µCi/mL	GP	EPIA-004
0	Tritium	3.81E-06±4.87E-07				5.80E-07	µCi/mL	GP	EPIA-002

WELL BGO 49C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 43.44 ft (13.24 m) below TOC
Water elevation: 227.66 ft (69.39 m) msl
pH: 6.1
Sp. conductance: 42 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 147 gal

Time: 15:08
Water temperature: 20.1°C
Air temperature: 24.6°C
Total alkalinity (as CaCO3): 20 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	25.6	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	19.2				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.50	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.79	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	10.9				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B

Well BGO 49C collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	548	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	35,000	J	IL	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	324	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	18.7	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.17E-09±5.18E-09	U			9.02E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.57E-10±2.86E-10	U			6.32E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.85E-10±5.68E-10	U			1.13E-09	µCi/mL	GP	EPIA-001
2	Radium-226	8.08E-09±1.45E-09				7.66E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.04E-11±6.35E-10	U			1.43E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.98E-10±3.76E-10	U			8.79E-10	µCi/mL	GP	EPIA-004
1	Tritium	1.87E-05±8.69E-07				5.92E-07	µCi/mL	GP	EPIA-002

WELL BGO 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 40.1 ft (12.22 m) below TOC
Water elevation: 231.4 ft (70.53 m) msl
pH: 5.1
Sp. conductance: 25 µS/cm
Turbidity: 9 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 15:00
Water temperature: 20.3°C
Air temperature: 24.4°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.84	J	I		2.,8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	79.2	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	5.60				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.10	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.70	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.33	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	87.6				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.490	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.580	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sulfate	184	J	I	X	340	µg/L	WA	EPA9056

Well BGO 49D collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	21,000	J	IL	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	5,300				1,000	µg/L	WA	EPA9060
0	Total organic halogens	12.7	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	5.30	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-8.93E-10±5.13E-09	U			8.91E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	2.11E-09±5.25E-09	U			8.95E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	7.13E-10±4.33E-10	J	I		5.77E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.18E-09±6.07E-10	J	I		1.17E-09	µCi/mL	GP	EPIA-001
1	Radium-226	2.95E-09±9.01E-10				5.06E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-8.57E-11±3.80E-10	U			6.65E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.43E-10±6.04E-10	U			1.32E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.80E-05±8.60E-07				5.97E-07	µCi/mL	GP	EPIA-002

WELL BGO 50A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/11/99
Depth to water: 95.52 ft (29.11 m) below TOC
Water elevation: 159.88 ft (48.73 m) msl
pH: 11.9
Sp. conductance: 5,348 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 10:19
Water temperature: 22.9°C
Air temperature: 25.6°C
Total alkalinity (as CaCO3): 1248 mg/L
Phenolphthalein alkalinity: 1243 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	461				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	1,280				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<3.50	U	V		27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	4.50	J	I		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	705				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	6.10	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	10.3	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.87	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	67.2	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	17.9	J	I		47.0	µg/L	WA	EPA6010B
2	Lithium, total recoverable	358				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	2.60	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	3,880	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 50A collected on 11/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	561,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	3,310				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U		X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	6.40	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.29E-10±4.01E-09	U			6.94E-09	µCi/mL	GP	EPIA-003
1	Gross alpha	1.02E-08±1.99E-09				1.99E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.24E-08±1.74E-09				1.99E-09	µCi/mL	GP	EPIA-001
2	Radium-226	6.14E-09±1.21E-09				4.49E-10	µCi/mL	GP	EPIA-008
2	Radium-226	6.26E-09±1.30E-09				7.77E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.91E-09±4.27E-10	J	K	I	6.35E-10	µCi/mL	GP	EPIA-009
0	Radium-228	1.86E-09±5.36E-10	J	IK	I	8.86E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.12E-10±3.91E-10	U			9.28E-10	µCi/mL	GP	EPIA-004
0	Tritium	2.48E-06±4.43E-07				5.87E-07	µCi/mL	GP	EPIA-002

WELL BGO 50C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 39.02 ft (11.89 m) below TOC
Water elevation: 216.48 ft (65.98 m) msl
pH: 4.8
Sp. conductance: 25 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 4 gal

Time: 14:05
Water temperature: 23°C
Air temperature: 29.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.78	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	167				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	4.30	J	I		40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	208				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	8.00				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.80	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	4.00	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.5	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	28.5	J	I		74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	311				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.890	J	I		2.70	µg/L	WA	EPA6010B

Well BGO 50C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	5.00	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	574				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	30,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	609	J	I		5,000	µg/L	WA	EPA9060
1	Total organic halogens	64.9	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	12.1				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	6.90	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.51E-09±4.93E-09	U			8.74E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	9.26E-10±4.11E-10	J	I		4.26E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.10E-10±4.83E-10	U			9.94E-10	µCi/mL	GP	EPIA-001
1	Radium-226	4.30E-09±1.29E-09				9.65E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.77E-10±3.98E-10	U			8.63E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.48E-10±4.87E-10	U			1.09E-09	µCi/mL	GP	EPIA-004
2	Tritium	6.98E-04±1.37E-05				1.93E-06	µCi/mL	GP	EPIA-002

WELL BGO 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/99
Depth to water: 33.9 ft (10.33 m) below TOC
Water elevation: 222.1 ft (67.7 m) msl
pH: 6
Sp. conductance: 63 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 47 gal

Time: 12:57
Water temperature: 20.5°C
Air temperature: 13.6°C
Total alkalinity (as CaCO3): 17 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	22.2				13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	15.0	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	344				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	14.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<3.05	U	V		10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<1.20	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.40	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.06	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 50D collected on 12/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	<21.2	U	V		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<36.6	U	V	X	74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	9.10	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.60	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	641				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<50,000	U			50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,330				1,000	µg/L	WA	EPA9060
0	Total organic halogens	38.6	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	2.21	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	11.0	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.74E-08±5.77E-09	J	I		9.03E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.38E-09±1.32E-09	J	IK	C	1.50E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.45E-09±1.25E-09	J	I		2.39E-09	µCi/mL	GP	EPIA-001
0	Radium-226	6.10E-10±6.16E-10	U			9.39E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.30E-09±4.87E-10				7.23E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	3.10E-10±6.55E-10	JU	L	I	1.45E-09	µCi/mL	GP	EPIA-004
2	Tritium	9.71E-04±1.91E-05				2.38E-06	µCi/mL	GP	EPIA-002

WELL BGO 51A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 124.74 ft (38.02 m) below TOC
Water elevation: 164.56 ft (50.16 m) msl
pH: 6.5
Sp. conductance: 199 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 38 gal

Time: 11:18
Water temperature: 19.8°C
Air temperature: 19.1°C
Total alkalinity (as CaCO3): 88 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	93.4				26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	33.9	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	31.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 51A collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.04	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<9.20	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	5.20				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	5,400	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	123,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	342	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	21.4	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	6.80	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.03E-09±5.23E-09	U			8.93E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.59E-10±4.55E-10	U			7.72E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.30E-10±5.34E-10	U			1.04E-09	µCi/mL	GP	EPIA-001
0	Radium-226	5.15E-10±5.82E-10	U			9.25E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.37E-10±5.24E-10	U			1.12E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	3.81E-12±4.46E-10	U			9.46E-10	µCi/mL	GP	EPIA-004
0	Tritium	-1.45E-07±3.48E-07	U			6.22E-07	µCi/mL	GP	EPIA-002

WELL BGO 51AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 122.17 ft (37.24 m) below TOC
Water elevation: 167.03 ft (50.91 m) msl
pH: 7.4
Sp. conductance: 170 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 52 gal

Time: 12:06
Water temperature: 20.4°C
Air temperature: 18.9°C
Total alkalinity (as CaCO3): 56 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	75.7				26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	37.5	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	73.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

Well BGO 51AA collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.88	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	550				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	29.2				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	10,100	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	112,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	810	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	5.46E-09±5.32E-09	U			8.88E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	8.84E-10±5.43E-10	J	I		8.31E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.44E-09±6.79E-10	J	I		1.17E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.96E-09±8.54E-10	J	I		6.56E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.75E-11±3.27E-10	U			6.70E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	6.99E-11±4.50E-10	U			9.46E-10	µCi/mL	GP	EPIA-004
0	Tritium	-1.53E-07±3.41E-07	U			6.11E-07	µCi/mL	GP	EPIA-002

WELL BGO 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 58.96 ft (17.97 m) below TOC
Water elevation: 230.14 ft (70.15 m) msl
pH: 7
Sp. conductance: 188 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 40 gal

Time: 9:18
Water temperature: 19.3°C
Air temperature: 12.2°C
Total alkalinity (as CaCO3): 86 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

Well BGO 51B collected on 11/17/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	92.4				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	54.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	4.70	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.20	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<9.40	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	8.60				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.580	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sulfate	2,750				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	128,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	631	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	29.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.95E-09±5.30E-09	U			8.99E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.70E-10±5.03E-10	U			1.12E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.58E-10±6.45E-10	U			1.40E-09	µCi/mL	GP	EPIA-001
0	Radium-226	5.11E-10±5.27E-10	U			7.90E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-7.82E-11±3.58E-10	U			8.20E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.88E-10±5.18E-10	U			1.24E-09	µCi/mL	GP	EPIA-004
0	Tritium	5.38E-07±3.75E-07	U			6.12E-07	µCi/mL	GP	EPIA-002

WELL BGO 51C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 57.65 ft (17.57 m) below TOC
Water elevation: 231.45 ft (70.55 m) msl
pH: 5.4
Sp. conductance: 19 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 10:06
Water temperature: 19.4°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

Well BGO 51C collected on 11/17/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	6.88	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	4.00				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.40	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.96	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.880	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	526				340	µg/L	WA	EPA9056
0	Sulfate	554				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	15,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	234	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	12.4	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.91E-09±5.23E-09	U			8.87E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.30E-10±3.49E-10	U			8.22E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.54E-10±5.85E-10	U			1.22E-09	µCi/mL	GP	EPIA-001
0	Radium-226	6.07E-10±6.12E-10	U			9.34E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-1.18E-10±3.39E-10	U			7.81E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.96E-10±6.07E-10	U			1.44E-09	µCi/mL	GP	EPIA-004
0	Tritium	1.92E-06±4.35E-07				6.14E-07	µCi/mL	GP	EPIA-002

WELL BGO 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 52.94 ft (16.14 m) below TOC
Water elevation: 236.36 ft (72.04 m) msl
pH: 5.3
Sp. conductance: 30 µS/cm
Turbidity: 6 NTU

Time: 11:08
Water temperature: 19.5°C
Air temperature: 16.4°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

Well BGO 51D collected on 11/17/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	4.91	J	I		13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	83.2	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	8.50				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	7.50				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	5.80	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.96	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<185	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.490	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	5.40	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.670	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sulfate	388				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	20,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	398	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	34.2	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	7.50	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.65E-09±5.12E-09	U			8.75E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.24E-10±3.97E-10	U			7.13E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.52E-10±5.73E-10	U			1.27E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.98E-10±7.04E-10	U			9.68E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-1.18E-11±2.67E-10	U			6.10E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-7.04E-11±4.66E-10	U			1.11E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.40E-05±9.72E-07				6.11E-07	µCi/mL	GP	EPIA-002

WELL BGO 52A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 121.5 ft (37.03 m) below TOC
Water elevation: 162.9 ft (49.65 m) msl
pH: 7.3
Sp. conductance: 196 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 37 gal

Time: 13:21
Water temperature: 21.2°C
Air temperature: 22.7°C
Total alkalinity (as CaCO3): 58 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

Well BGO 52A collected on 11/17/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	102				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	80.7				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<4.11	U		8	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.77	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<10.4	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	35.3				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	7,010				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	122,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	348	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.5	J	I		120	µg/L	WA	EPA9020B
0	Total organic halogens	33.4	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.29E-09±5.02E-09	U			8.81E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	9.94E-10±5.70E-10	J	I		7.86E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.16E-09±7.76E-10	U			1.28E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.82E-09±7.95E-10				9.86E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.34E-09±8.57E-10				1.24E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.72E-10±5.40E-10	U	V		2.36E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.48E-10±2.65E-10	U			5.51E-10	µCi/mL	GP	EPIA-009
0	Radium-228	3.37E-10±4.12E-10	U			8.67E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.89E-11±4.79E-10	U			1.12E-09	µCi/mL	GP	EPIA-004
0	Tritium	-3.74E-07±3.28E-07	U			6.08E-07	µCi/mL	GP	EPIA-002

WELL BGO 52AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 122.3 ft (37.28 m) below TOC
Water elevation: 162.2 ft (49.44 m) msl
pH: 6.7
Sp. conductance: 149 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 50 gal

Time: 12:27
Water temperature: 21.3°C
Air temperature: 19.3°C
Total alkalinity (as CaCO3): 57 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	78.6				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	28.2				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<5.35	U		8	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.11	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	419				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	24.3				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.550	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sulfate	11,000				680	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	156,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	781	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	22.8	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.99E-09±5.13E-09	U			8.75E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.00E-10±5.78E-10	U			1.07E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.02E-09±8.58E-10	J	I		1.44E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.49E-11±3.70E-10	U			7.85E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.90E-10±6.90E-10	U			1.35E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.19E-10±4.52E-10	U			1.11E-09	µCi/mL	GP	EPIA-004
0	Tritium	-1.79E-07±3.38E-07	U			6.07E-07	µCi/mL	GP	EPIA-002

WELL BGO 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 56.37 ft (17.18 m) below TOC
Water elevation: 228.03 ft (69.5 m) msl
pH: 7.9
Sp. conductance: 85 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 52 gal

Time: 11:30
Water temperature: 20.5°C
Air temperature: 24.6°C
Total alkalinity (as CaCO3): 38 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	45.2				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	102	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	17.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	4.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.10	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<17.2	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	4.40				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	901	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B

Well BGO 52B collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	41,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	448	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	12.5	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.21E-09±5.13E-09	U			8.79E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.29E-10±3.23E-10	U			6.59E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.68E-09±7.55E-10				1.05E-09	µCi/mL	GP	EPIA-001
0	Radium-226	3.46E-10±4.78E-10	U			8.02E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.54E-10±5.35E-10	U			1.09E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.46E-10±5.39E-10	U			1.26E-09	µCi/mL	GP	EPIA-004
0	Tritium	1.33E-06±4.12E-07	J	I		6.16E-07	µCi/mL	GP	EPIA-002

WELL BGO 52C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 55.32 ft (16.86 m) below TOC
Water elevation: 229.18 ft (69.85 m) msl
pH: 5.4
Sp. conductance: 18 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 32 gal

Time: 10:36
Water temperature: 19.9°C
Air temperature: 21.6°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	39.3				26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	32.0	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	3.80				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

Well BGO 52C collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.98	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<9.31	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.740	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	506	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	23,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	292	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	13.7	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.30E-09±5.31E-09	U			8.99E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.36E-10±3.08E-10	U			6.23E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-1.66E-11±5.19E-10	U			1.16E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.52E-09±7.43E-10	J	I		6.25E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.02E-10±4.48E-10	U			8.82E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.34E-11±6.17E-10	U			1.37E-09	µCi/mL	GP	EPIA-004
0	Tritium	6.11E-08±3.48E-07	U			6.04E-07	µCi/mL	GP	EPIA-002

WELL BGO 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 52.67 ft (16.05 m) below TOC
Water elevation: 232.13 ft (70.75 m) msl
pH: 4.9
Sp. conductance: 38 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 11 gal

Time: 9:50
Water temperature: 19.5°C
Air temperature: 20.3°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	1.96	J	I		13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	54.1	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	8.90				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

Well BGO 52D collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.00	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.40	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.73	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<8.70	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.480	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	0.100	J	I		0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	265	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	27,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	396	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	13.0	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	6.94E-10±5.19E-09	U			8.94E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.01E-09±7.63E-10				7.22E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.77E-09±6.56E-10				1.05E-09	µCi/mL	GP	EPIA-001
2	Radium-226	1.52E-08±2.27E-09				6.43E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.75E-10±3.15E-10	U			6.09E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.71E-10±6.37E-10	U			1.39E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.17E-05±9.35E-07				6.15E-07	µCi/mL	GP	EPIA-002

WELL BGO 53A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 133.34 ft (40.64 m) below TOC
Water elevation: 158.06 ft (48.18 m) msl
pH: 6.6
Sp. conductance: 124 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 30 gal

Time: 10:30
Water temperature: 20.1°C
Air temperature: 18.7°C
Total alkalinity (as CaCO3): 38 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	43.2				26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	27.8	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	30.2				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.80	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	77.3				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.00				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	9,330	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

Well BGO 53A collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	93,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	330	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	22.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.63E-09±5.30E-09	U			8.95E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.47E-10±4.67E-10	U			7.63E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.56E-09±6.65E-10				1.11E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.15E-09±6.74E-10	U	V		6.55E-10	µCi/mL	GP	EPIA-008
0	Radium-226	9.27E-10±6.81E-10	U	V		9.09E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.23E-10±3.72E-10	U			7.35E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.32E-10±4.83E-10	U			1.11E-09	µCi/mL	GP	EPIA-004
0	Tritium	-3.07E-07±3.37E-07	U			6.17E-07	µCi/mL	GP	EPIA-002

WELL BGO 53AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 134.15 ft (40.89 m) below TOC
Water elevation: 157.55 ft (48.02 m) msl
pH: 6.6
Sp. conductance: 135 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 45 gal

Time: 9:55
Water temperature: 19.7°C
Air temperature: 17.6°C
Total alkalinity (as CaCO3): 47 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	49.7				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	25.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.40	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

Well BGO 53AA collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<8.42	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	132				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	5.40				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	11,000				680	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	82,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	227	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.4	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	5.80	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	6.96E-10±5.21E-09	U			8.97E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.98E-10±4.50E-10	U			9.46E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.85E-10±5.35E-10	U			1.05E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.45E-09±7.29E-10	U	V		6.30E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.84E-10±5.14E-10	U			1.03E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.19E-10±5.15E-10	U			1.18E-09	µCi/mL	GP	EPIA-004
0	Tritium	-1.92E-08±3.56E-07	U			6.25E-07	µCi/mL	GP	EPIA-002

WELL BGO 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 71.55 ft (21.81 m) below TOC
Water elevation: 219.55 ft (66.92 m) msl
pH: 7.2
Sp. conductance: 210 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 26 gal

Time: 11:23
Water temperature: 20.4°C
Air temperature: 18.2°C
Total alkalinity (as CaCO3): 52 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	104				26.8	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	105				26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	30.0	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	26.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 53B collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.40	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.58	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<12.0	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.10	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	5,450	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	124,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	375	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.23E-08±5.53E-09	J	I		8.87E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.73E-10±4.98E-10	U			8.14E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.08E-10±6.49E-10	U			1.36E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.92E-09±8.39E-10	J	I		6.45E-10	µCi/mL	GP	EPIA-008
0	Radium-226	1.58E-09±8.42E-10	U	V		9.46E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.44E-10±3.04E-10	U			6.27E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.90E-10±4.46E-10	U			1.04E-09	µCi/mL	GP	EPIA-004
0	Tritium	1.62E-07±3.58E-07	U			6.14E-07	µCi/mL	GP	EPIA-002

WELL BGO 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 70.27 ft (21.42 m) below TOC
Water elevation: 220.63 ft (67.25 m) msl
pH: 7.8
Sp. conductance: 134 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 43 gal

Time: 12:14
Water temperature: 19.4°C
Air temperature: 20.3°C
Total alkalinity (as CaCO3): 51 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	31.3				13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	12.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGO 53C collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.60	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.7	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.340	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	409				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	2.34	J	I		5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	84,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	530	J	I		5,000	µg/L	WA	EPA9060
1	Total organic halogens	50.5	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	43.9				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-9.42E-10±5.15E-09	U			8.96E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.13E-10±3.90E-10	U			6.42E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.84E-10±4.60E-10	U			9.84E-10	µCi/mL	GP	EPIA-001
0	Radium-226	7.23E-10±6.13E-10	U			8.39E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.09E-10±4.59E-10	U			9.42E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.84E-11±4.98E-10	U			1.16E-09	µCi/mL	GP	EPIA-004
2	Tritium	1.51E-04±3.01E-06				8.47E-07	µCi/mL	GP	EPIA-002

WELL BGX 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 134.12 ft (40.88 m) below TOC
Water elevation: 157.08 ft (47.88 m) msl
pH: 11.2
Sp. conductance: 546 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 13:20
Water temperature: 21.8°C
Air temperature: 26.4°C
Total alkalinity (as CaCO3): 130 mg/L
Phenolphthalein alkalinity: 114 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	162				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	1,040				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<6.10	U	V		27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	137				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B

Well BGX 1A collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	4.20	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.80	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.02	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	40.0	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	104				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	8,510	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	177,000	J	L	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	968	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	24.9	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	2.19	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	7.70	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.06E-09±3.88E-09	U			6.77E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.01E-09±6.94E-10	U			1.07E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.05E-09±6.82E-10	J	I		1.18E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.19E-10±4.64E-10	U	V		1.85E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.89E-11±5.46E-10	U			1.21E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.35E-11±3.61E-10	U			8.10E-10	µCi/mL	GP	EPIA-004
2	Tritium	9.66E-05±1.94E-06				6.22E-07	µCi/mL	GP	EPIA-002

WELL BGX 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 77.67 ft (23.67 m) below TOC
Water elevation: 213.63 ft (65.12 m) msl
pH: 8.8
Sp. conductance: 92 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 63 gal

Time: 14:09
Water temperature: 22°C
Air temperature: 30.5°C
Total alkalinity (as CaCO3): 43 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	21.7	J	I		26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	34.3	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	18.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGX 1C collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	4.60	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<13.5	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<12.1	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.70				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	560	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	43,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.77E-09±4.16E-09	U			7.31E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.95E-10±3.30E-10	U			5.43E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.82E-10±4.80E-10	U			9.56E-10	µCi/mL	GP	EPIA-001
0	Radium-226	4.32E-10±5.08E-10	U			8.03E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-8.40E-10±4.97E-10	U			1.24E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-4.82E-10±6.62E-10	JU	L	CI	1.57E-09	µCi/mL	GP	EPIA-004
2	Tritium	4.51E-05±1.21E-06				6.28E-07	µCi/mL	GP	EPIA-002

WELL BGX 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 77.91 ft (23.75 m) below TOC
Water elevation: 213.39 ft (65.04 m) msl
pH: 8.3
Sp. conductance: 98 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 55 gal

Time: 12:42
Water temperature: 20.8°C
Air temperature: 20°C
Total alkalinity (as CaCO3): 41 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Total organic carbon	262	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B

WELL BGX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/01/99
Depth to water: 63.68 ft (19.41 m) below TOC
Water elevation: 227.62 ft (69.38 m) msl
pH: 5.4
Sp. conductance: 50 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:15
Water temperature: 18.7°C
Air temperature: 4.2°C
Total alkalinity (as CaCO3): 19 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

Well BGX 1D collected on 12/01/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	15.6				13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	143	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	390				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	22.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	2,680				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	3,200				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	3.87	J	I		10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<3.00	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	6.90	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.04	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<39.5	U	V		40.0	µg/L	WA	EPA340.2
1	Iron, total recoverable	257			X	74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	636			X	74.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	26.5	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	7.00				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	765				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	24.7				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	3.60	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,270				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	387				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,080				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.500	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,160				285	µg/L	WA	EPA6010B
0	Sulfate	710				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	128,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	661	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	21.1	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	128				67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.76	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	25.4	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	9.55E-10±4.80E-09	U			8.26E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.22E-09±8.15E-10	U			1.24E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.05E-09±1.25E-09	J	I		2.28E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.37E-09±8.20E-10	U	V		9.84E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.21E-10±4.79E-10	U			9.37E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	3.45E-10±5.45E-10	JU	L	C	1.16E-09	µCi/mL	GP	EPIA-004
2	Tritium	4.29E-03±8.30E-05				5.59E-06	µCi/mL	GP	EPIA-002

WELL BGX 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/12/99
Depth to water: 80.9 ft (24.66 m) below TOC
Water elevation: 210.4 ft (64.13 m) msl
pH: 6.6
Sp. conductance: 234 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 9:56
Water temperature: 18.5°C
Air temperature: 14.2°C
Total alkalinity (as CaCO3): 99 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	108				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	116	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<2.70	U	V		27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<4.00	JU	I	4	40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	61.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U	I		10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.20	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<12.3	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	77.2				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	4.80	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	4.10				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	26.0	R			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	4,350	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	156,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,110				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U		X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.30E-09±4.13E-09	U			6.95E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.13E-09±9.04E-10	U			1.55E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.35E-10±7.22E-10	U			1.50E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.64E-09±8.47E-10	J	I		9.32E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.60E-10±4.74E-10	U			1.02E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.97E-10±5.08E-10	U			1.23E-09	µCi/mL	GP	EPIA-004
0	Tritium	1.38E-06±3.94E-07				5.78E-07	µCi/mL	GP	EPIA-002

WELL BGX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 78.2 ft (23.84 m) below TOC
Water elevation: 212.9 ft (64.89 m) msl
pH: 5.7
Sp. conductance: 31 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 12:38
Water temperature: 20.8°C
Air temperature: 26.7°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	13.4	J	I		13.4	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	13.4	J	I		13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	78.9	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<3.50	U	V		27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	4.70	J	I		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	8.30				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.00	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	30.4				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	1.37	J	I		5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.56	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	80.6				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	15.3	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.10	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.940	JU	I		5.00	µg/L	WA	EPA6010B
0	Sulfate	282	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Tetrachloroethylene	2.90	J	I		5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	26,000	J	IL	C	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,030				1,000	µg/L	WA	EPA9060
0	Total organic halogens	43.2	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	28.8				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	63.1				53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.10E-09±3.99E-09	U			6.84E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.25E-10±3.46E-10	U			7.37E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.03E-10±5.30E-10	U			1.10E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.77E-10±3.83E-10	U			6.43E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.40E-10±4.82E-10	U			1.06E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.28E-10±4.52E-10	U			1.03E-09	µCi/mL	GP	EPIA-004
2	Tritium	1.40E-04±2.79E-06				7.56E-07	µCi/mL	GP	EPIA-002

WELL BGX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/12/99
Depth to water: 76.48 ft (23.31 m) below TOC
Water elevation: 214.72 ft (65.45 m) msl
pH: 5.5
Sp. conductance: 20 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 27 gal

Time: 9:33
Water temperature: 19.4°C
Air temperature: 14.4°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.84	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	20.7	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	9.40				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,360				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,060				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	24.9				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<11.4	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<20.0	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	18.9	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	8.30	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.40	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	483				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	15.6				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	382				20.0	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	373				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	465				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,140	J	K	I	1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,280				285	µg/L	WA	EPA6010B
0	Sulfate	330	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	13,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	481	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	13.7	J	I	X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<7.09	U	V		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	24.8	J	I		53.0	µg/L	WA	EPA6010B

Well BGX 3D collected on 11/12/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	3.03E-09±6.63E-09	U			1.13E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	5.18E-09±4.28E-09	U			7.10E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.23E-10±4.59E-10	U			8.93E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.06E-09±6.93E-10	U			1.38E-09	µCi/mL	GP	EPIA-001
0	Radium-226	0.00E+00±4.35E-10	U			9.76E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.74E-10±4.57E-10	U			9.80E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	6.20E-10±7.14E-10	U			1.52E-09	µCi/mL	GP	EPIA-004
2	Tritium	1.87E-04±3.71E-06				8.64E-07	µCi/mL	GP	EPIA-002

WELL BGX 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 136.4 ft (41.58 m) below TOC
Water elevation: 154.5 ft (47.09 m) msl
pH: 7.4
Sp. conductance: 242 µS/cm
Turbidity: 1 NTU
No water was evacuated from the well prior to sampling.

Time: 10:43
Water temperature: 19.1°C
Air temperature: 16.9°C
Total alkalinity (as CaCO3): 106 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	124				26.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	38.4	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	43.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.50	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<21.8	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	6.40				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	9,190	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	168,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,380				1,000	µg/L	WA	EPA9060
0	Total organic halogens	31.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.15E-09±4.05E-09	U			6.82E-09	µCi/mL	GP	EPIA-003

Well BGX 4A collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	4.20E-10±4.31E-10	U			8.06E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.23E-09±5.37E-10	J	I		1.00E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.08E-10±6.49E-10	U			9.54E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.77E-10±4.45E-10	U			9.11E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.08E-11±5.46E-10	U			1.22E-09	µCi/mL	GP	EPIA-004
0	Tritium	-1.09E-07±3.48E-07	U			6.19E-07	µCi/mL	GP	EPIA-002

WELL BGX 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 78.83 ft (24.03 m) below TOC
Water elevation: 211.97 ft (64.61 m) msl
pH: 5.9
Sp. conductance: 42 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 95 gal

Time: 10:25
Water temperature: 19.1°C
Air temperature: 17.5°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	19.7	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	4.70				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	5.40	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<20.6	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.800	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	649	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	27,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	753	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	12.5	J	I		120	µg/L	WA	EPA9020B
0	Total organic halogens	15.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	2.24	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	10.8	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.81E-09±4.14E-09	U			7.06E-09	µCi/mL	GP	EPIA-003

Well BGX 4C collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	2.16E-10±2.59E-10	U			4.96E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.74E-10±4.93E-10	U			1.01E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.73E-09±7.97E-10	J	I		6.40E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.33E-10±5.61E-10	U			1.16E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.28E-10±5.20E-10	U			1.22E-09	µCi/mL	GP	EPIA-004
0	Tritium	7.10E-06±5.86E-07				5.74E-07	µCi/mL	GP	EPIA-002
0	Tritium	6.76E-06±5.78E-07				5.77E-07	µCi/mL	GP	EPIA-002

WELL BGX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 75.3 ft (22.95 m) below TOC
Water elevation: 215.6 ft (65.72 m) msl
pH: 6.6
Sp. conductance: 44 µS/cm
Turbidity: 4 NTU
No water was evacuated from the well prior to sampling.

Time: 11:36
Water temperature: 20.5°C
Air temperature: 18.4°C
Total alkalinity (as CaCO3): 11 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	7.88	J	I		26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	83.2	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	222				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	48.5				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	3,370				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,710				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	4.70	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	23.4				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.39	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<23.1	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	106				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	1,710				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	2,190		V		74.0	µg/L	WA	EPA6010B
2	Lead, total recoverable	113				47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	11.6				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	681				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	4.10	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,640				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	1,120				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,820	J	K	I	1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,640				285	µg/L	WA	EPA6010B
0	Sulfate	446	J		X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGX 4D collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total dissolved solids	47,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	715	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	16.9	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	178				67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	32.9	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.37E-09±4.03E-09	U			6.84E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.33E-09±5.22E-10	J	I		6.44E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.48E-09±5.33E-10	J	I		9.48E-10	µCi/mL	GP	EPIA-001
0	Radium-226	1.10E-09±5.98E-10	U	V		2.29E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.67E-10±5.01E-10	U			9.66E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-5.20E-11±5.22E-10	U			1.19E-09	µCi/mL	GP	EPIA-004
2	Tritium	4.86E-05±1.34E-06				6.12E-07	µCi/mL	GP	EPIA-002

WELL BGX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 78.84 ft (24.03 m) below TOC
Water elevation: 206.16 ft (62.84 m) msl
pH: 5.4
Sp. conductance: 52 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 32 gal

Time: 12:15
Water temperature: 20.8°C
Air temperature: 23.3°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	5.90	J	I		26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	149				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	123	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	111	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	32.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	56.1	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	3,550				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	3,510				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	4,190				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.20	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	5.20	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.96	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<46.0	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	313				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	314				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	391				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	11.3	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	4.60				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	953				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	942				74.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	245				7.80	µg/L	WA	EPA6010B

Well BGX 5D collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Manganese, total recoverable	244				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	5.70	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	940				40.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	1,310				187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	1,280				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,940				1,350	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,880				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,060				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,040				285	µg/L	WA	EPA6010B
0	Sulfate	9,930				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	49,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	471	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	19.2	J	I	X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	62.0	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	16.9	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-8.60E-09±4.63E-09	U			8.57E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.18E-09±1.09E-09				1.09E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.62E-09±9.71E-10				1.65E-09	µCi/mL	GP	EPIA-001
1	Radium-226	2.65E-09±9.65E-10	J	I		8.39E-10	µCi/mL	GP	EPIA-008
0	Radium-226	2.47E-09±9.24E-10	J	I		7.40E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.17E-10±3.27E-10	J	I		5.85E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-5.87E-12±6.29E-10	U			1.46E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-1.36E-10±5.99E-10	U			1.42E-09	µCi/mL	GP	EPIA-004
2	Tritium	4.08E-05±1.28E-06				6.61E-07	µCi/mL	GP	EPIA-002

WELL BGX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/20/99
Depth to water: 73.92 ft (22.53 m) below TOC
Water elevation: 203.08 ft (61.9 m) msl
pH: 6.1
Sp. conductance: 62 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 9:53
Water temperature: 19.5°C
Air temperature: 21.7°C
Total alkalinity (as CaCO3): 19 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	11.8				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	17.8	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	12.8				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	8,600				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,900				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.50	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.70	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGX 6D collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<8.36	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	174				40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	16.2	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<17.6	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	4.90	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.40	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	683				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	795				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	598				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	8,870				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,360				285	µg/L	WA	EPA6010B
0	Sulfate	2,380				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	36,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	425	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	20.3	J	I	X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	733				67.0	µg/L	WA	EPA365.2
0	Total phosphates (as P)	716				67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	14.6	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-6.27E-09±4.74E-09	U			8.61E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.25E-10±3.58E-10	U			6.41E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.63E-10±4.43E-10	J	I		8.11E-10	µCi/mL	GP	EPIA-001
0	Radium-226	4.09E-10±4.92E-10	U			7.56E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.98E-11±3.05E-10	U			6.44E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.58E-10±4.73E-10	U			1.04E-09	µCi/mL	GP	EPIA-004
2	Tritium	7.14E-05±1.65E-06				6.55E-07	µCi/mL	GP	EPIA-002

WELL BGX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 76.06 ft (23.18 m) below TOC
Water elevation: 203.14 ft (61.92 m) msl
pH: 7.7
Sp. conductance: 19 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 20 gal

Time: 14:22
Water temperature: 20.3°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<7.82	U	V		13.4	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	26.1	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<15.0	U	V		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	9.30				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B

Well BGX 7D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,110				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,200				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.10	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.40	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<12.5	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<11.3	U	V		40.0	µg/L	WA	EPA340.2
1	Iron, total recoverable	183				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<163	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	4.80				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	326				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	633				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	477				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,170				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.40	U	V		5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,380				285	µg/L	WA	EPA6010B
0	Sulfate	494				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	26,000	J			50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U		X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	23.5	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.32E-09±4.90E-09	U			8.62E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.09E-09±5.29E-10	J	I		4.22E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.46E-09±5.11E-10	J	I		5.43E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.66E-09±5.81E-10	J	I		9.89E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.26E-09±5.37E-10	J	I		9.98E-10	µCi/mL	GP	EPIA-001
0	Radium-226	2.10E-09±9.64E-10	U	V		9.85E-10	µCi/mL	GP	EPIA-008
0	Radium-226	2.14E-09±9.24E-10	U	V		8.28E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.82E-10±3.90E-10	U			7.94E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.87E-10±5.40E-10	U			1.28E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.27E-04±4.48E-06				1.03E-06	µCi/mL	GP	EPIA-002

WELL BGX 8DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 75.29 ft (22.95 m) below TOC
Water elevation: 202.91 ft (61.85 m) msl
pH: 4.9
Sp. conductance: 32 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 45 gal

Time: 11:14
Water temperature: 18.7°C
Air temperature: 8.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well BGX 8DR collected on 11/30/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	8.80	J	I		13.4	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	9.78	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	23.8	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	12.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	4,590				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,700				210	µg/L	WA	EPA9056
0	Chloride	2,840				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.20	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.94	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<18.6	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	<19.1	U	V	X	74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<32.7	U	V	X	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	10.9	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.20	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	564				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,380				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	207				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	7,630				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,800				285	µg/L	WA	EPA6010B
0	Sulfate	400				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	9.60				5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<50,000	JU	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	18.6	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.77	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.97E-10±4.77E-09	U			8.26E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	7.72E-10±7.37E-10	U			1.29E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.28E-10±1.16E-09	U			2.51E-09	µCi/mL	GP	EPIA-001
0	Radium-226	2.10E-09±8.79E-10	U	V		2.59E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.62E-10±4.34E-10	U			9.03E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	3.71E-10±5.89E-10	JU	L	C	1.26E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.79E-03±5.46E-05				4.39E-06	µCi/mL	GP	EPIA-002

WELL BGX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/20/99
Depth to water: 54.19 ft (16.52 m) below TOC
Water elevation: 225.21 ft (68.64 m) msl
pH: 5.1
Sp. conductance: 27 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 9:22
Water temperature: 19.5°C
Air temperature: 20.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<13.4	U			13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	60.0	J	I		146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	38.9	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	5.10				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	640				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	2,100				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.50	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.96	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<26.6	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	17.9	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<18.9	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.70	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	416				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	3.40	J	I		7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,580				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	235				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	5,450				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,980				285	µg/L	WA	EPA6010B
0	Sulfate	496				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	5,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	253	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	15.6	J	I	X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.88E-09±4.88E-09	U			8.58E-09	µCi/mL	GP	EPIA-003

Well BGX 9D collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	3.99E-09±6.86E-10				4.75E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.27E-09±5.35E-10				8.57E-10	µCi/mL	GP	EPIA-001
0	Radium-226	2.99E-10±5.87E-10	U			1.08E-09	µCi/mL	GP	EPIA-008
0	Radium-228	1.11E-09±4.80E-10	J	I		8.86E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.12E-10±7.37E-10	U			1.65E-09	µCi/mL	GP	EPIA-004
0	Tritium	8.10E-06±6.43E-07				6.32E-07	µCi/mL	GP	EPIA-002

WELL BGX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/20/99
Depth to water: 52.8 ft (16.09 m) below TOC
Water elevation: 224.1 ft (68.31 m) msl
pH: 6.1
Sp. conductance: 28 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 11:30
Water temperature: 22.6°C
Air temperature: 26.7°C
Total alkalinity (as CaCO3): 16 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<13.4	U			13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	94.9	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	89.4	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	13.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,220				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	1,770				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.30	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	11.2	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<18.2	U	V		40.0	µg/L	WA	EPA340.2

Well BGX 10D collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Iron, total recoverable	224				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	230				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	14.1	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.470	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	700				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	16.7				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	3.30	J	I		26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,640				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	174	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	5,990				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,610				285	µg/L	WA	EPA6010B
0	Sulfate	287	J	I		340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	7,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	302	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	13.3	J	I	X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	23.1	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	136				53.0	µg/L	WA	EPA6010B
0	Carbon-14	-4.88E-09±4.80E-09	U			8.63E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.01E-09±7.54E-10	J	I		8.84E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.95E-09±8.89E-10				9.52E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.43E-09±9.24E-10	J	I		1.64E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.39E-09±9.45E-10	J	I		1.56E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.47E-09±8.81E-10	J	I		1.06E-09	µCi/mL	GP	EPIA-008
0	Radium-228	9.70E-12±4.03E-10	U			9.02E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.61E-10±5.71E-10	U			1.39E-09	µCi/mL	GP	EPIA-004
0	Tritium	7.58E-06±6.49E-07				6.62E-07	µCi/mL	GP	EPIA-002

WELL BGX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/20/99
Depth to water: 43.31 ft (13.2 m) below TOC
Water elevation: 232.99 ft (71.02 m) msl
pH: 5.6
Sp. conductance: 41 µS/cm
Turbidity: 10 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 10:30
Water temperature: 22.6°C
Air temperature: 26.1°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<13.4	U			13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	55.5	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	64.8	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<8.10	U	V		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	13.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	3,380				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BGX 11D collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloride	3,510				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<0.970	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.61	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	<18.9	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	41.1	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	94.8				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	9.00	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	5.30				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	570				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	2,200				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	198				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	5,950				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,160				285	µg/L	WA	EPA6010B
0	Sulfate	455				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	18,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,240				1,000	µg/L	WA	EPA9060
0	Total organic halogens	20.7	J	I	X	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	7.89	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.98E-08±5.61E-09				8.56E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.17E-09±8.50E-10				5.83E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.75E-09±7.71E-10				1.10E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.14E-10±6.63E-10	U			9.47E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.24E-09±4.98E-10	J	I		9.34E-10	µCi/mL	GP	EPIA-009
0	Radium-228	3.08E-10±4.03E-10	U			8.52E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.91E-10±6.08E-10	U			1.34E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.35E-05±7.99E-07				6.61E-07	µCi/mL	GP	EPIA-002

WELL BGX 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 41.98 ft (12.8 m) below TOC
Water elevation: 233.12 ft (71.06 m) msl
pH: 6.1
Sp. conductance: 25 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 120 gal

Time: 14:54
Water temperature: 20.2°C
Air temperature: 21.3°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.83	J	I		26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	15.1	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B

Well BGX 12C collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	11.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	2.40	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.10	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.91	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<226	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.60				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	813				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	64,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	776	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	17.8	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	10.4	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.12E-09±5.21E-09	U			8.89E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.90E-11±2.56E-10	U			5.78E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.76E-10±6.25E-10	U			1.24E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.21E-09±6.77E-10	U	V		6.38E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.24E-09±5.29E-10	J	I		9.45E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.55E-11±5.38E-10	U			1.25E-09	µCi/mL	GP	EPIA-004
0	Tritium	0.00E+00±3.47E-07	U			6.07E-07	µCi/mL	GP	EPIA-002
0	Tritium	-1.41E-07±3.38E-07	U			6.04E-07	µCi/mL	GP	EPIA-002

WELL BGX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 39.02 ft (11.89 m) below TOC
Water elevation: 236.18 ft (71.99 m) msl
pH: 5.2
Sp. conductance: 20 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:15
Water temperature: 19.3°C
Air temperature: 8.5°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	4.91	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B

Well BGX 12D collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	14.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	574				471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	1,740				210	µg/L	WA	EPA9056
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.10	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.80	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoride	17.4	J	I		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	69.3	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<49.6	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	11.6	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.70	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	386				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	588				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	466				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	4,340	J	K	I	1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,880				285	µg/L	WA	EPA6010B
0	Sulfate	745				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	35,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	803	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	15.1	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.05E-09±5.22E-09	U			9.07E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.40E-09±5.62E-10	J	I		4.56E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.41E-09±6.17E-10	J	I		1.11E-09	µCi/mL	GP	EPIA-001
0	Radium-226	6.40E-10±5.87E-10	U			8.62E-10	µCi/mL	GP	EPIA-008
0	Radium-226	6.16E-10±5.18E-10	U			6.50E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.29E-10±4.14E-10	U			7.92E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.17E-09±7.14E-10	U			1.90E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.50E-05±8.34E-07				6.64E-07	µCi/mL	GP	EPIA-002

WELL BSE 2C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/99
Depth to water: 227.92 ft (69.47 m) below TOC
Water elevation: 54.48 ft (16.61 m) msl
pH: 5.4
Sp. conductance: 24 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:19
Water temperature: 16.4°C
Air temperature: 1.6°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	21.7				13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	128	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	13.0				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	1.02	J	I		5.00	µg/L	WA	EPA8260B
0	Chloromethane	2.87	J	I		10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<2.40	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.80	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Dichloromethane	4.08	J	I		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Iron, total recoverable	231			X	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.970	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	480				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	11,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,550				1,000	µg/L	WA	EPA9060
0	Total organic halogens	34.5	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	8.98				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	18.4	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-9.99E-10±5.28E-09	U			9.17E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	-2.84E-09±5.13E-09	U			9.03E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	-9.99E-10±5.28E-09	U			9.17E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.76E-09±9.21E-10	J	IK	C	1.02E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.94E-09±1.19E-09	U			2.37E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.96E-09±7.75E-10	U	V		6.49E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.44E-10±3.62E-10	U			7.87E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.42E-10±4.39E-10	U			1.01E-09	µCi/mL	GP	EPIA-004
2	Tritium	4.09E-04±8.07E-06				1.50E-06	µCi/mL	GP	EPIA-002

WELL BSE 2C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/99
Depth to water: Not available
Water elevation: Not available
pH: 6.6
Sp. conductance: 298 µS/cm
Turbidity: 231 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 10:45
Water temperature: 15.6°C
Air temperature: 6.5°C
Total alkalinity (as CaCO3): 40 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	37.4				13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	2,090				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	5.80	J	I		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	91.1				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<3.90	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.90	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	2,870			X	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.40	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	6.70				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	4.20	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	68,200				6,800	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	194,000				100,000	µg/L	WA	EPA160.1
0	Total organic carbon	997	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	20.6	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	27.6	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.17E-09±5.29E-09	U			8.96E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.38E-09±2.01E-09	J	K	C	1.97E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.15E-09±1.54E-09				2.46E-09	µCi/mL	GP	EPIA-001
2	Radium-226	5.27E-09±1.17E-09				1.83E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.26E-10±4.46E-10	U			9.46E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.34E-10±3.53E-10	U			6.13E-10	µCi/mL	GP	EPIA-004
0	Tritium	8.37E-07±4.69E-07	J	I		7.52E-07	µCi/mL	GP	EPIA-002

WELL BSE 2C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/99
Depth to water: Not available
Water elevation: Not available
pH: 7.1
Sp. conductance: 618 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 12:37
Water temperature: 17.2°C
Air temperature: 12.2°C
Total alkalinity (as CaCO3): 85 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	49.7				13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	399				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	43.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<2.10	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.00	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	654			X	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	11.4				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	155,000				17,000	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B

Well BSE 2C3 collected on 12/28/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	322,000				100,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,420				1,000	µg/L	WA	EPA9060
0	Total organic halogens	27.3	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	9.90	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-7.84E-10±5.11E-09	U			8.87E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.13E-09±2.14E-09	J	IK	C	2.18E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.59E-09±1.38E-09	J	I		2.31E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.01E-09±5.09E-10	U	V		1.82E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.93E-10±4.34E-10	U			8.38E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.08E-10±1.03E-09	U			2.09E-09	µCi/mL	GP	EPIA-004
0	Tritium	1.99E-06±5.15E-07				7.48E-07	µCi/mL	GP	EPIA-002

WELL BSE 2C4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/99
Depth to water: 227.47 ft (69.33 m) below TOC
Water elevation: 54.93 ft (16.74 m) msl
pH: 7.6
Sp. conductance: 513 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:47
Water temperature: 17.9°C
Air temperature: 12.4°C
Total alkalinity (as CaCO3): 102 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	64.9				13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	298				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	4.60	J	I		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	36.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.10	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.90	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.00	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	675			X	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	5.70				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B

Well BSE 2C4 collected on 12/28/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sulfate	70,200				6,800	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	272,000				100,000	µg/L	WA	EPA160.1
0	Total organic carbon	4,150				1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.0	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	15.1	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.80E-09±5.23E-09	U			8.88E-09	µCi/mL	GP	EPIA-003
2	Gross alpha	1.52E-08±3.57E-09	J	K	C	2.73E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.25E-09±1.89E-09	J	I		3.29E-09	µCi/mL	GP	EPIA-001
0	Radium-226	5.49E-10±3.81E-10	U	V		1.86E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.36E-10±4.95E-10	U			9.49E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.11E-10±3.88E-10	U			7.99E-10	µCi/mL	GP	EPIA-004
0	Tritium	1.37E-06±4.86E-07	J	I		7.42E-07	µCi/mL	GP	EPIA-002

WELL BSE 2D4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/99
Depth to water: 230.88 ft (70.37 m) below TOC
Water elevation: 55.62 ft (16.95 m) msl
pH: 5
Sp. conductance: 48 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 15:15
Water temperature: 18.3°C
Air temperature: 18.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	5.91	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	16.5				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.60	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	140			X	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.660	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	3,300				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BSE 2D4 collected on 12/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	25,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	704	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	33.5	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.30	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.30E-08±5.69E-09	J	I		9.12E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.45E-09±8.70E-10	J	IK	C	1.13E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.90E-09±1.14E-09	U			2.23E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.60E-09±7.80E-10	J	I		6.57E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.42E-10±5.58E-10	U			1.14E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-6.51E-11±5.26E-10	JU	L	I	1.23E-09	µCi/mL	GP	EPIA-004
2	Tritium	6.26E-04±1.23E-05				1.87E-06	µCi/mL	GP	EPIA-002

WELL BSE 3C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/99
Depth to water: Not available
Water elevation: Not available
pH: 6.2
Sp. conductance: 261 µS/cm
Turbidity: 192 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:30
Water temperature: 15.6°C
Air temperature: 4.2°C
Total alkalinity (as CaCO3): 41 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	50.5				13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	701				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<4.00	JU	I	4	40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	64.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	44.1	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.90	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.40	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	2,660			X	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	7.60	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	6.20				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	3.50	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	49,900				3,400	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B

Well BSE 3C2 collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	144,000				100,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,860				1,000	µg/L	WA	EPA9060
0	Total organic halogens	18.0	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	0.943	J	I		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	30.8	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.53E-08±6.05E-09				9.13E-09	µCi/mL	GP	EPIA-003
2	Gross alpha	1.58E-08±3.13E-09	J	K	C	1.82E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.75E-09±1.94E-09				2.95E-09	µCi/mL	GP	EPIA-001
0	Radium-226	4.18E-10±5.44E-10	U			9.01E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.20E-09±4.00E-10	J	I		6.81E-10	µCi/mL	GP	EPIA-009
0	Radium-228	1.04E-09±3.97E-10	J	I		7.06E-10	µCi/mL	GP	EPIA-009
0	Radium-228	1.20E-09±4.00E-10	J	I		6.81E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-6.08E-10±7.58E-10	JU	L	I	1.46E-09	µCi/mL	GP	EPIA-004
0	Tritium	8.66E-06±7.31E-07				7.41E-07	µCi/mL	GP	EPA906.0
0	Tritium	8.66E-06±7.31E-07				7.41E-07	µCi/mL	GP	EPIA-002
0	Tritium	9.26E-06±7.52E-07				7.47E-07	µCi/mL	GP	EPIA-002

WELL BSE 3C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/99
Depth to water: Not available
Water elevation: Not available
pH: 5.5
Sp. conductance: 60 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:30
Water temperature: 17.1°C
Air temperature: 14.6°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	37.4				13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	278				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	18.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<2.60	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.10	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.10	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	461			X	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.70	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	6.89	J	I		37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	7,080				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BSE 3C3 collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	54,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,140				1,000	µg/L	WA	EPA9060
0	Total organic halogens	18.0	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	12.2	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-9.70E-10±5.13E-09	U			8.91E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.56E-09±1.92E-09	J	K	C	1.93E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.62E-09±1.61E-09	J	I		3.01E-09	µCi/mL	GP	EPIA-001
0	Radium-226	9.71E-10±6.24E-10	U	V		6.52E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.05E-10±3.84E-10	U			8.42E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.51E-10±8.05E-10	JU	L	I	1.93E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.51E-05±8.95E-07				7.41E-07	µCi/mL	GP	EPIA-002

WELL BSE 3C4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/99
Depth to water: 222.28 ft (67.75 m) below TOC
Water elevation: 64.82 ft (19.76 m) msl
pH: 7.4
Sp. conductance: 612 µS/cm
Turbidity: 162 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:25
Water temperature: 19.3°C
Air temperature: 18.9°C
Total alkalinity (as CaCO3): 215 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	224				26.8	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	216				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	313				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	15.9	J	I		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	49.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	59.6	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<0.780	U	V		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.30	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	1,160			X	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.70	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	11.1				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	59,200				6,800	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well BSE 3C4 collected on 12/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	338,000				100,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,480				1,000	µg/L	WA	EPA9060
0	Total organic halogens	21.1	J	I	CX	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	48.2	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.09E-09±5.09E-09	U			8.96E-09	µCi/mL	GP	EPIA-003
1	Gross alpha	1.19E-08±3.60E-09	J	K	C	3.00E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.15E-09±1.59E-09	J	I		2.84E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.68E-10±4.66E-10	U			9.06E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-1.81E-10±3.78E-10	U			8.86E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.55E-10±4.00E-10	JU	L	I	9.85E-10	µCi/mL	GP	EPIA-004
0	Tritium	4.61E-07±4.47E-07	U			7.44E-07	µCi/mL	GP	EPIA-002

WELL CSD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 71.42 ft (21.77 m) below TOC
Water elevation: 243.98 ft (74.37 m) msl
pH: 5.2
Sp. conductance: 22 µS/cm
Turbidity: 124 NTU
No water was evacuated from the well prior to sampling.

Time: 9:26
Water temperature: 19.3°C
Air temperature: 13.2°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): BN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,680	J	K	I	146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Carbon tetrachloride	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
2	Iron, total recoverable	3,350				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	13.3	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	10.1				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	0.140	J	I		0.700	µg/L	WA	EPA7470A
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Tetrachloroethylene	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	Total organic halogens	44.0	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B

WELL CSL 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 40.91 ft (12.47 m) below TOC
Water elevation: 243.59 ft (74.25 m) msl
pH: 6
Sp. conductance: 44 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 17 gal

Time: 9:56
Water temperature: 18.2°C
Air temperature: 17.1°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aldrin	<0.100	U			0.100	µg/L	GE	EPA8081A
0	alpha-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A

Well CSL 21D collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Chlordane	<1.25	U			1.25	µg/L	GE	EPA8081A
0	p,p'-DDD	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Dieldrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan sulfate	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan I	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Endosulfan II	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin aldehyde	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Heptachlor	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Lindane	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Methoxychlor	<1.00	U			1.00	µg/L	GE	EPA8081A
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Toxaphene	<5.00	U			5.00	µg/L	GE	EPA8081A

WELL CSL 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 42.25 ft (12.88 m) below TOC
Water elevation: 242.95 ft (74.05 m) msl
pH: 5.2
Sp. conductance: 25 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 17 gal

Time: 11:11
Water temperature: 18.6°C
Air temperature: 22°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aldrin	<0.100	U			0.100	µg/L	GE	EPA8081A
0	alpha-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Chlordane	<1.25	U			1.25	µg/L	GE	EPA8081A
0	p,p'-DDD	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Dieldrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan sulfate	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan I	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Endosulfan II	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin aldehyde	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Heptachlor	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Lindane	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Methoxychlor	<1.00	U			1.00	µg/L	GE	EPA8081A
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Toxaphene	<5.00	U			5.00	µg/L	GE	EPA8081A

WELL CSL 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 41.55 ft (12.66 m) below TOC
Water elevation: 243.25 ft (74.14 m) msl
pH: 5.1
Sp. conductance: 29 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 16 gal

Time: 10:57
Water temperature: 18.3°C
Air temperature: 19.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aldrin	<0.100	U			0.100	µg/L	GE	EPA8081A
0	alpha-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Chlordane	<1.25	U			1.25	µg/L	GE	EPA8081A
0	p,p'-DDD	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Dieldrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan sulfate	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan I	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Endosulfan II	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin aldehyde	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Heptachlor	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Lindane	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Methoxychlor	<1.00	U			1.00	µg/L	GE	EPA8081A
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Toxaphene	<5.00	U			5.00	µg/L	GE	EPA8081A

WELL CSL 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 41.19 ft (12.55 m) below TOC
Water elevation: 243.71 ft (74.28 m) msl
pH: 5.1
Sp. conductance: 21 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 10:19
Water temperature: 17.9°C
Air temperature: 17.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aldrin	<0.0200	JU	Q		0.0200	µg/L	GE	EPA8081A
0	Aldrin	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	alpha-Benzene hexachloride	<0.0200	JU	Q		0.0200	µg/L	GE	EPA8081A
0	alpha-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0200	JU	Q		0.0200	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0200	JU	Q		0.0200	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0505	U			0.0505	µg/L	WA	EPA8081A
2	Bis(2-ethylhexyl) phthalate	60.3	J	Q		10.0	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.2	JU	Q		10.2	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chlordane	<0.250	JU	Q		0.250	µg/L	GE	EPA8081A
0	alpha-Chlordane	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	p,p'-DDD	<0.0400	JU	Q		0.0400	µg/L	GE	EPA8081A
0	p,p'-DDD	<0.101	U			0.101	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.0400	JU	Q		0.0400	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.101	U			0.101	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.0400	JU	Q		0.0400	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Dieldrin	<0.0400	JU	Q		0.0400	µg/L	GE	EPA8081A
0	Dieldrin	<0.101	U			0.101	µg/L	WA	EPA8081A

Well CSL 24D collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Endosulfan sulfate	<0.0400	JU	Q		0.0400	µg/L	GE	EPA8081A
0	Endosulfan sulfate	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0200	JU	Q		0.0200	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Endosulfan II	<0.0400	JU	Q		0.0400	µg/L	GE	EPA8081A
0	Endosulfan II	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Endrin	<0.0400	JU	Q		0.0400	µg/L	GE	EPA8081A
0	Endrin	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.0400	JU	Q		0.0400	µg/L	GE	EPA8081A
0	Endrin aldehyde	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Endrin ketone	<0.101	U			0.101	µg/L	WA	EPA8081A
0	Heptachlor	<0.0200	JU	Q		0.0200	µg/L	GE	EPA8081A
0	Heptachlor	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0200	JU	Q		0.0200	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Lindane	<0.0200	JU	Q		0.0200	µg/L	GE	EPA8081A
0	Lindane	<0.0505	U			0.0505	µg/L	WA	EPA8081A
0	Methoxychlor	<0.200	JU	Q		0.200	µg/L	GE	EPA8081A
0	Methoxychlor	<0.505	U			0.505	µg/L	WA	EPA8081A
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Toxaphene	<1.00	JU	Q		1.00	µg/L	GE	EPA8081A
0	Toxaphene	<5.05	U			5.05	µg/L	WA	EPA8081A

WELL CSL 24D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 41.19 ft (12.55 m) below TOC
Water elevation: 243.71 ft (74.28 m) msl
pH: 5.1
Sp. conductance: 21 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 10:19
Water temperature: 17.9°C
Air temperature: 17.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aldrin	<0.100	U			0.100	µg/L	GE	EPA8081A
0	alpha-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Chlordane	<1.25	U			1.25	µg/L	GE	EPA8081A
0	p,p'-DDD	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Dieldrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan sulfate	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan I	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Endosulfan II	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin aldehyde	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Heptachlor	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Lindane	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Methoxychlor	<1.00	U			1.00	µg/L	GE	EPA8081A
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Toxaphene	<5.00	U			5.00	µg/L	GE	EPA8081A

WELL CSL 25D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 42.31 ft (12.9 m) below TOC
Water elevation: 243.29 ft (74.16 m) msl
pH: 5.8
Sp. conductance: 33 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 12:00
Water temperature: 23.5°C
Air temperature: 25.5°C
Total alkalinity (as CaCO3): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aldrin	<0.100	U			0.100	µg/L	GE	EPA8081A
0	alpha-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Chlordane	<1.25	U			1.25	µg/L	GE	EPA8081A
0	p,p'-DDD	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Dieldrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan sulfate	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan I	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Endosulfan II	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin aldehyde	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Heptachlor	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Lindane	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Methoxychlor	<1.00	U			1.00	µg/L	GE	EPA8081A
0	PCB 1016	<0.102	U			0.102	µg/L	GE	EPA8082
0	PCB 1221	<0.102	U			0.102	µg/L	GE	EPA8082
0	PCB 1232	<0.102	U			0.102	µg/L	GE	EPA8082
0	PCB 1242	<0.102	U			0.102	µg/L	GE	EPA8082
0	PCB 1248	<0.102	U			0.102	µg/L	GE	EPA8082
0	PCB 1254	<0.102	U			0.102	µg/L	GE	EPA8082
0	PCB 1260	<0.102	U			0.102	µg/L	GE	EPA8082
0	Toxaphene	<5.00	U			5.00	µg/L	GE	EPA8081A

WELL CSL 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/21/99
Depth to water: 41.52 ft (12.66 m) below TOC
Water elevation: 243.28 ft (74.15 m) msl
pH: 4.9
Sp. conductance: 27 µS/cm
Turbidity: 7 NTU

Time: 9:35
Water temperature: 20.7°C
Air temperature: 15.2°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aldrin	<0.0202	U			0.0202	µg/L	GE	EPA8081A
0	alpha-Benzene hexachloride	<0.0202	U			0.0202	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0202	U			0.0202	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0202	U			0.0202	µg/L	GE	EPA8081A
0	Chlordane	<0.253	U			0.253	µg/L	GE	EPA8081A
0	p,p'-DDD	<0.0404	U			0.0404	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0404	U			0.0404	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0404	U			0.0404	µg/L	GE	EPA8081A
0	Dieldrin	<0.0404	U			0.0404	µg/L	GE	EPA8081A
0	Endosulfan sulfate	<0.0404	U			0.0404	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0202	U			0.0202	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0404	U			0.0404	µg/L	GE	EPA8081A
0	Endrin	<0.0404	U			0.0404	µg/L	GE	EPA8081A
0	Endrin aldehyde	<0.0404	U			0.0404	µg/L	GE	EPA8081A
0	Heptachlor	<0.0202	U			0.0202	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0202	U			0.0202	µg/L	GE	EPA8081A
0	Lindane	<0.0202	U			0.0202	µg/L	GE	EPA8081A
0	Methoxychlor	<0.202	U			0.202	µg/L	GE	EPA8081A
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082

Well CSL 26D collected on 11/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Toxaphene	<1.01	U			1.01	µg/L	GE	EPA8081A

WELL CSL 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Depth to water: 43.84 ft (13.36 m) below TOC
Water elevation: 242.56 ft (73.93 m) msl
pH: 4.6
Sp. conductance: 25 µS/cm
Turbidity: 23 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 12:50
Water temperature: 20.3°C
Air temperature: 23.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aldrin	<0.100	U			0.100	µg/L	GE	EPA8081A
0	alpha-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Chlordane	<1.25	U			1.25	µg/L	GE	EPA8081A
0	p,p'-DDD	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.200	U			0.200	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Dieldrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan sulfate	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endosulfan I	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Endosulfan II	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Endrin aldehyde	<0.200	U			0.200	µg/L	GE	EPA8081A
0	Heptachlor	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Lindane	<0.100	U			0.100	µg/L	GE	EPA8081A
0	Methoxychlor	<1.00	U			1.00	µg/L	GE	EPA8081A
0	PCB 1016	<0.101	JU	L	O	0.101	µg/L	GE	EPA8082
0	PCB 1221	<0.101	JU	L	O	0.101	µg/L	GE	EPA8082
0	PCB 1232	<0.101	JU	L	O	0.101	µg/L	GE	EPA8082
0	PCB 1242	<0.101	JU	L	O	0.101	µg/L	GE	EPA8082
0	PCB 1248	<0.101	JU	L	O	0.101	µg/L	GE	EPA8082
0	PCB 1254	<0.101	JU	L	O	0.101	µg/L	GE	EPA8082
0	PCB 1260	<0.101	JU	L	O	0.101	µg/L	GE	EPA8082
0	Toxaphene	<5.00	U			5.00	µg/L	GE	EPA8081A

WELL DCB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 13.65 ft (4.16 m) below TOC
Water elevation: 123.55 ft (37.66 m) msl
pH: 5.3
Sp. conductance: 51 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 30 gal

Time: 12:33
Water temperature: 20.9°C
Air temperature: 29.2°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Acenaphthylene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Acetone	<10.0	U		X	10.0	µg/L	ML	EPA8260B
0	Aldrin	<0.0529	U			0.0529	µg/L	ML	EPA8081A
2	Aluminum, total recoverable	55.1				40.0	µg/L	ML	EPA6010B
0	Anthracene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	16.3				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	alpha-Benzene hexachloride	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	beta-Benzene hexachloride	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	delta-Benzene hexachloride	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Benzo(a)anthracene	<2.07	U			2.07	µg/L	ML	EPA8270C

Well DCB 8C collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzo(b)fluoranthene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Benzo(k)fluoranthene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Benzoic acid	<10.4	U			10.4	µg/L	ML	EPA8270C
0	Benzo(g,h,i)perylene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Benzo(a)pyrene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Benzyl alcohol	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Beryllium, total recoverable	1.35	J	I		5.00	µg/L	ML	EPA6010B
0	Bis(2-chloroethoxy) methane	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Bis(2-chloroethyl) ether	<1.87	U			1.87	µg/L	ML	EPA8270C
0	Bis(2-chloroisopropyl) ether	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<5.18	U			5.18	µg/L	ML	EPA8270C
0	Bromodichloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	4-Bromophenyl phenyl ether	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Butylbenzyl phthalate	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	4,290				120	µg/L	ML	EPA6010B
0	Carbon disulfide	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	alpha-Chlordane	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	gamma-Chlordane	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	4-Chloroaniline	<10.4	U			10.4	µg/L	ML	EPA8270C
0	Chlorobenzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	4-Chloro-m-cresol	<5.18	U			5.18	µg/L	ML	EPA8270C
0	Chloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	2-Chloronaphthalene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	2-Chlorophenol	<5.18	U			5.18	µg/L	ML	EPA8270C
0	4-Chlorophenyl phenyl ether	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Chrysene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	o-Cresol (2-Methylphenol)	<5.18	U			5.18	µg/L	ML	EPA8270C
0	p-Cresol (4-Methylphenol)	<5.18	U			5.18	µg/L	ML	EPA8270C
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	p,p'-DDD	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	p,p'-DDE	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	p,p'-DDT	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Dibenz(a,h)anthracene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Dibenzofuran	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Dibromochloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Di-n-butyl phthalate	<2.07	U			2.07	µg/L	ML	EPA8270C
0	1,2-Dichlorobenzene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	1,3-Dichlorobenzene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	1,4-Dichlorobenzene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	3,3'-Dichlorobenzidine	<20.7	U			20.7	µg/L	ML	EPA8270C
0	1,1-Dichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U		X	10.0	µg/L	ML	EPA8260B
0	2,4-Dichlorophenol	<5.18	U			5.18	µg/L	ML	EPA8270C
0	1,2-Dichloropropane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Dieldrin	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Diethyl phthalate	<2.07	U			2.07	µg/L	ML	EPA8270C
0	2,4-Dimethyl phenol	<5.18	U			5.18	µg/L	ML	EPA8270C
0	Dimethyl phthalate	<2.07	U			2.07	µg/L	ML	EPA8270C
0	2,4-Dinitrophenol	<10.4	U			10.4	µg/L	ML	EPA8270C
0	2,4-Dinitrotoluene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	2,6-Dinitrotoluene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Di-n-octyl phthalate	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Endosulfan sulfate	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Endosulfan I	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Endosulfan II	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Endrin	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Endrin ketone	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Ethylbenzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Fluoranthene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Fluorene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Heptachlor	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Heptachlor epoxide	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Hexachlorobenzene	<2.07	U			2.07	µg/L	ML	EPA8270C

Well DCB 8C collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorobutadiene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Hexachlorocyclopentadiene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Hexachloroethane	<2.07	U			2.07	µg/L	ML	EPA8270C
0	2-Hexanone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Iron, total recoverable	97.9				40.0	µg/L	ML	EPA6010B
0	Isophorone	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lindane	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	Magnesium, total recoverable	702				185	µg/L	ML	EPA6010B
2	Manganese, total recoverable	60.6				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Methoxychlor	<0.0529	U			0.0529	µg/L	ML	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<10.4	U			10.4	µg/L	ML	EPA8270C
0	Methyl ethyl ketone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	2-Methylnaphthalene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Naphthalene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	m-Nitroaniline	<5.18	U			5.18	µg/L	ML	EPA8270C
0	o-Nitroaniline	<5.18	U			5.18	µg/L	ML	EPA8270C
0	p-Nitroaniline	<24.9	U			24.9	µg/L	ML	EPA8270C
0	Nitrobenzene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	2-Nitrophenol	<5.18	U			5.18	µg/L	ML	EPA8270C
0	4-Nitrophenol	<10.4	U			10.4	µg/L	ML	EPA8270C
0	N-Nitrosodiphenylamine	<2.07	U			2.07	µg/L	ML	EPA8270C
0	N-Nitrosodipropylamine	<5.18	U			5.18	µg/L	ML	EPA8270C
0	PCB 1016	<1.06	U			1.06	µg/L	ML	EPA8082
0	PCB 1221	<1.06	U			1.06	µg/L	ML	EPA8082
0	PCB 1232	<1.06	U			1.06	µg/L	ML	EPA8082
0	PCB 1242	<1.06	U			1.06	µg/L	ML	EPA8082
0	PCB 1248	<1.06	U			1.06	µg/L	ML	EPA8082
0	PCB 1254	<1.06	U			1.06	µg/L	ML	EPA8082
0	PCB 1260	<1.06	U			1.06	µg/L	ML	EPA8082
0	Pentachlorophenol	<10.4	U			10.4	µg/L	ML	EPA8270C
0	Phenanthrene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Phenol	<5.18	U			5.18	µg/L	ML	EPA8270C
0	Potassium, total recoverable	907	J	I		1,870	µg/L	ML	EPA6010B
0	Pyrene	<2.07	U			2.07	µg/L	ML	EPA8270C
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	2,190				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	1.29			X	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Toluene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Toxaphene	<2.65	U			2.65	µg/L	ML	EPA8081A
0	1,2,4-Trichlorobenzene	<1.40	U			1.40	µg/L	ML	EPA8270C
0	1,1,1-Trichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	74.8			X	1.00	µg/L	ML	EPA8260B
0	2,4,5-Trichlorophenol	<5.18	U			5.18	µg/L	ML	EPA8270C
0	2,4,6-Trichlorophenol	<5.18	U			5.18	µg/L	ML	EPA8270C
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	23.6	J	I		30.0	µg/L	ML	EPA6010B
0	Tritium	1.68E-06±5.30E-07	J	I		8.90E-07	µCi/mL	EM	3Q1-6-1410
0	Tritium	1.09E-06±5.04E-07	J	I		8.90E-07	µCi/mL	EM	3Q1-6-1410

WELL DCB 8C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 13.65 ft (4.16 m) below TOC
Water elevation: 123.55 ft (37.66 m) msl
pH: 5.3
Sp. conductance: 51 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 30 gal

Time: 12:33
Water temperature: 20.9°C
Air temperature: 29.2°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

Well DCB 8C collected on 11/09/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Acenaphthylene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Acetone	<10.0	U		X	10.0	µg/L	ML	EPA8260B
0	Aldrin	<0.0521	U			0.0521	µg/L	ML	EPA8081A
2	Aluminum, total recoverable	104				40.0	µg/L	ML	EPA6010B
0	Anthracene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	16.9				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	alpha-Benzene hexachloride	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	beta-Benzene hexachloride	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	delta-Benzene hexachloride	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Benzo(a)anthracene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Benzo(b)fluoranthene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Benzo(k)fluoranthene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Benzoic acid	<10.6	U			10.6	µg/L	ML	EPA8270C
0	Benzo(g,h,i)perylene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Benzo(a)pyrene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Benzyl alcohol	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Beryllium, total recoverable	1.59	J	I		5.00	µg/L	ML	EPA6010B
0	Bis(2-chloroethoxy) methane	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Bis(2-chloroethyl) ether	<1.90	U			1.90	µg/L	ML	EPA8270C
0	Bis(2-chloroisopropyl) ether	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<5.29	U			5.29	µg/L	ML	EPA8270C
0	Bromodichloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	4-Bromophenyl phenyl ether	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Butylbenzyl phthalate	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	4,410				120	µg/L	ML	EPA6010B
0	Carbon disulfide	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	alpha-Chlordane	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	gamma-Chlordane	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	4-Chloroaniline	<10.6	U			10.6	µg/L	ML	EPA8270C
0	Chlorobenzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	4-Chloro-m-cresol	<5.29	U			5.29	µg/L	ML	EPA8270C
0	Chloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	2-Chloronaphthalene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	2-Chlorophenol	<5.29	U			5.29	µg/L	ML	EPA8270C
0	4-Chlorophenyl phenyl ether	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Chrysene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	o-Cresol (2-Methylphenol)	<5.29	U			5.29	µg/L	ML	EPA8270C
0	p-Cresol (4-Methylphenol)	<5.29	U			5.29	µg/L	ML	EPA8270C
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	p,p'-DDD	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	p,p'-DDE	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	p,p'-DDT	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Dibenz(a,h)anthracene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Dibenzofuran	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Dibromochloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Di-n-butyl phthalate	<2.12	U			2.12	µg/L	ML	EPA8270C
0	1,2-Dichlorobenzene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	1,3-Dichlorobenzene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	1,4-Dichlorobenzene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	3,3'-Dichlorobenzidine	<21.2	U			21.2	µg/L	ML	EPA8270C
0	1,1-Dichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U		X	10.0	µg/L	ML	EPA8260B
0	2,4-Dichlorophenol	<5.29	U			5.29	µg/L	ML	EPA8270C
0	1,2-Dichloropropane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Dieldrin	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Diethyl phthalate	<2.12	U			2.12	µg/L	ML	EPA8270C

Well DCB 8C collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2,4-Dimethyl phenol	<5.29	U			5.29	µg/L	ML	EPA8270C
0	Dimethyl phthalate	<2.12	U			2.12	µg/L	ML	EPA8270C
0	2,4-Dinitrophenol	<10.6	U			10.6	µg/L	ML	EPA8270C
0	2,4-Dinitrotoluene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	2,6-Dinitrotoluene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Di-n-octyl phthalate	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Endosulfan sulfate	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Endosulfan I	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Endosulfan II	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Endrin	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Endrin ketone	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Ethylbenzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Fluoranthene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Fluorene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Heptachlor	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Heptachlor epoxide	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Hexachlorobenzene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Hexachlorobutadiene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Hexachlorocyclopentadiene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Hexachloroethane	<2.12	U			2.12	µg/L	ML	EPA8270C
0	2-Hexanone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<2.12	U			2.12	µg/L	ML	EPA8270C
1	Iron, total recoverable	181				40.0	µg/L	ML	EPA6010B
0	Isophorone	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lindane	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Magnesium, total recoverable	722				185	µg/L	ML	EPA6010B
2	Manganese, total recoverable	64.7				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Methoxychlor	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<10.6	U			10.6	µg/L	ML	EPA8270C
0	Methyl ethyl ketone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	2-Methylnaphthalene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Naphthalene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	m-Nitroaniline	<5.29	U			5.29	µg/L	ML	EPA8270C
0	o-Nitroaniline	<5.29	U			5.29	µg/L	ML	EPA8270C
0	p-Nitroaniline	<25.4	U			25.4	µg/L	ML	EPA8270C
0	Nitrobenzene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	2-Nitrophenol	<5.29	U			5.29	µg/L	ML	EPA8270C
0	4-Nitrophenol	<10.6	U			10.6	µg/L	ML	EPA8270C
0	N-Nitrosodiphenylamine	<2.12	U			2.12	µg/L	ML	EPA8270C
0	N-Nitrosodipropylamine	<5.29	U			5.29	µg/L	ML	EPA8270C
0	PCB 1016	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1221	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1232	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1242	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1248	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1254	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1260	<1.04	U			1.04	µg/L	ML	EPA8082
0	Pentachlorophenol	<10.6	U			10.6	µg/L	ML	EPA8270C
0	Phenanthrene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Phenol	<5.29	U			5.29	µg/L	ML	EPA8270C
0	Potassium, total recoverable	939	J	I		1,870	µg/L	ML	EPA6010B
0	Pyrene	<2.12	U			2.12	µg/L	ML	EPA8270C
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<13.2	JU	I	4	50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	2,280				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Toluene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Toxaphene	<2.60	U			2.60	µg/L	ML	EPA8081A
0	1,2,4-Trichlorobenzene	<1.43	U			1.43	µg/L	ML	EPA8270C
0	1,1,1-Trichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	77.2			X	1.00	µg/L	ML	EPA8260B
0	2,4,5-Trichlorophenol	<5.29	U			5.29	µg/L	ML	EPA8270C
0	2,4,6-Trichlorophenol	<5.29	U			5.29	µg/L	ML	EPA8270C
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	29.1	J	I		30.0	µg/L	ML	EPA6010B
0	Tritium	1.33E-06±5.10E-07	J	I		8.90E-07	µCi/mL	EM	3Q1-6-1410

WELL DCB 16R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Depth to water: 20.92 ft (6.38 m) below TOC
Water elevation: Not available
pH: 4.3
Sp. conductance: 1,121 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 23 gal

Time: 11:33
Water temperature: 20.9°C
Air temperature: 26.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Acenaphthylene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Acetone	<10.0	U		X	10.0	µg/L	ML	EPA8260B
0	Aldrin	<0.0518	U			0.0518	µg/L	ML	EPA8081A
2	Aluminum, total recoverable	7,570				40.0	µg/L	ML	EPA6010B
0	Anthracene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	40.5				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	alpha-Benzene hexachloride	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	beta-Benzene hexachloride	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	delta-Benzene hexachloride	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Benzo(a)anthracene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Benzo(b)fluoranthene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Benzo(k)fluoranthene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Benzoic acid	<10.3	U			10.3	µg/L	ML	EPA8270C
0	Benzo(g,h,i)perylene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Benzo(a)pyrene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Benzyl alcohol	<2.05	U			2.05	µg/L	ML	EPA8270C
2	Beryllium, total recoverable	21.9				5.00	µg/L	ML	EPA6010B
0	Bis(2-chloroethoxy) methane	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Bis(2-chloroethyl) ether	<1.85	U			1.85	µg/L	ML	EPA8270C
0	Bis(2-chloroisopropyl) ether	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<5.13	U			5.13	µg/L	ML	EPA8270C
0	Bromodichloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	4-Bromophenyl phenyl ether	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Butylbenzyl phthalate	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	159,000				120	µg/L	ML	EPA6010B
0	Carbon disulfide	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	alpha-Chlordane	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	gamma-Chlordane	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	4-Chloroaniline	<10.3	U			10.3	µg/L	ML	EPA8270C
0	Chlorobenzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	4-Chloro-m-cresol	<5.13	U			5.13	µg/L	ML	EPA8270C
0	Chloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	2-Chloronaphthalene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	2-Chlorophenol	<5.13	U			5.13	µg/L	ML	EPA8270C
0	4-Chlorophenyl phenyl ether	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Chrysene	<2.05	U			2.05	µg/L	ML	EPA8270C
1	Cobalt, total recoverable	87.4				20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	22.1	J	I		60.0	µg/L	ML	EPA6010B
0	o-Cresol (2-Methylphenol)	<5.13	U			5.13	µg/L	ML	EPA8270C
0	p-Cresol (4-Methylphenol)	<5.13	U			5.13	µg/L	ML	EPA8270C
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	p,p'-DDD	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	p,p'-DDE	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	p,p'-DDT	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Dibenz(a,h)anthracene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Dibenzofuran	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Dibromochloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Di-n-butyl phthalate	<2.05	U			2.05	µg/L	ML	EPA8270C
0	1,2-Dichlorobenzene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	1,3-Dichlorobenzene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	1,4-Dichlorobenzene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	3,3'-Dichlorobenzidine	<20.5	U			20.5	µg/L	ML	EPA8270C
0	1,1-Dichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B

Well DCB 16R collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	3.83			X	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U		X	10.0	µg/L	ML	EPA8260B
0	2,4-Dichlorophenol	<5.13	U			5.13	µg/L	ML	EPA8270C
0	1,2-Dichloropropane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Dieldrin	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Diethyl phthalate	<2.05	U			2.05	µg/L	ML	EPA8270C
0	2,4-Dimethyl phenol	<5.13	U			5.13	µg/L	ML	EPA8270C
0	Dimethyl phthalate	<2.05	U			2.05	µg/L	ML	EPA8270C
0	2,4-Dinitrophenol	<10.3	U			10.3	µg/L	ML	EPA8270C
0	2,4-Dinitrotoluene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	2,6-Dinitrotoluene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Di-n-octyl phthalate	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Endosulfan sulfate	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Endosulfan I	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Endosulfan II	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Endrin	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Endrin ketone	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Ethylbenzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Fluoranthene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Fluorene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Heptachlor	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Heptachlor epoxide	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Hexachlorobenzene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Hexachlorobutadiene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Hexachlorocyclopentadiene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Hexachloroethane	<2.05	U			2.05	µg/L	ML	EPA8270C
0	2-Hexanone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<2.05	U			2.05	µg/L	ML	EPA8270C
2	Iron, total recoverable	11,400				40.0	µg/L	ML	EPA6010B
0	Isophorone	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lindane	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	Magnesium, total recoverable	24,000				185	µg/L	ML	EPA6010B
2	Manganese, total recoverable	2,650				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Methoxychlor	<0.0518	U			0.0518	µg/L	ML	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<10.3	U			10.3	µg/L	ML	EPA8270C
0	Methyl ethyl ketone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	2-Methylnaphthalene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Naphthalene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Nickel, total recoverable	35.6	J	I		60.0	µg/L	ML	EPA6010B
0	m-Nitroaniline	<5.13	U			5.13	µg/L	ML	EPA8270C
0	o-Nitroaniline	<5.13	U			5.13	µg/L	ML	EPA8270C
0	p-Nitroaniline	<24.6	U			24.6	µg/L	ML	EPA8270C
0	Nitrobenzene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	2-Nitrophenol	<5.13	U			5.13	µg/L	ML	EPA8270C
0	4-Nitrophenol	<10.3	U			10.3	µg/L	ML	EPA8270C
0	N-Nitrosodiphenylamine	<2.05	U			2.05	µg/L	ML	EPA8270C
0	N-Nitrosodipropylamine	<5.13	U			5.13	µg/L	ML	EPA8270C
0	PCB 1016	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1221	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1232	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1242	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1248	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1254	<1.04	U			1.04	µg/L	ML	EPA8082
0	PCB 1260	<1.04	U			1.04	µg/L	ML	EPA8082
0	Pentachlorophenol	<10.3	U			10.3	µg/L	ML	EPA8270C
0	Phenanthrene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Phenol	<5.13	U			5.13	µg/L	ML	EPA8270C
0	Potassium, total recoverable	10,600				1,870	µg/L	ML	EPA6010B
0	Pyrene	<2.05	U			2.05	µg/L	ML	EPA8270C
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<11.5	JU	I	4	50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	15,000				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	8.76			X	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Toluene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Toxaphene	<2.59	U			2.59	µg/L	ML	EPA8081A
0	1,2,4-Trichlorobenzene	<1.38	U			1.38	µg/L	ML	EPA8270C
0	1,1,1-Trichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B

Well DCB 16R collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	91.1			X	1.00	µg/L	ML	EPA8260B
0	2,4,5-Trichlorophenol	<5.13	U			5.13	µg/L	ML	EPA8270C
0	2,4,6-Trichlorophenol	<5.13	U			5.13	µg/L	ML	EPA8270C
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	98.0				30.0	µg/L	ML	EPA6010B
1	Tritium	1.69E-05±9.82E-07				8.90E-07	µCi/mL	EM	3Q1-6-1410

WELL DOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 10.61 ft (3.23 m) below TOC
Water elevation: 141.09 ft (43 m) msl
pH: 6.1
Sp. conductance: 141 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 91 gal

Time: 10:31
Water temperature: 22.2°C
Air temperature: 18.3°C
Total alkalinity (as CaCO3): 43 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	57.3	J	I		266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	23.4	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Manganese, total recoverable	7.10	J	I		7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
2	Tetrachloroethylene	5.30	J	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<45.0	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Trichloroethylene	15.2	J	Q		2.00	µg/L	EM	EPA8260B

WELL DOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 11.49 ft (3.5 m) below TOC
Water elevation: 140.71 ft (42.89 m) msl
pH: 5
Sp. conductance: 52 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 64 gal

Time: 9:35
Water temperature: 20.6°C
Air temperature: 17.8°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	19.9	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
1	Iron, total recoverable	274				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<31.0	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL DOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 11.83 ft (3.61 m) below TOC
Water elevation: 140.97 ft (42.97 m) msl
pH: 4.8
Sp. conductance: 30 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 36 gal

Time: 8:27
Water temperature: 23.1°C
Air temperature: 18°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	21.3	J	I		146	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
1	Iron, total recoverable	201				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.270	J	I		2.70	µg/L	WA	EPA6010B
0	Manganese, total recoverable	3.90	J	I		7.80	µg/L	WA	EPA6010B
0	Total organic carbon	<742	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B

WELL DOB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 12.52 ft (3.82 m) below TOC
Water elevation: 140.48 ft (42.82 m) msl
pH: 4.9
Sp. conductance: 48 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 55 gal

Time: 9:00
Water temperature: 22.9°C
Air temperature: 18.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	33.7	J	I		74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.340	J	I		2.70	µg/L	WA	EPA6010B
1	Tetrachloroethylene	3.43	J	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic carbon	<1,070	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<24.1	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL FET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 47.55 ft (14.49 m) below TOC
Water elevation: 222.45 ft (67.8 m) msl
pH: 5
Sp. conductance: 70 µS/cm
Turbidity: 11 NTU

Time: 10:24
Water temperature: 20.8°C
Air temperature: 21.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	759				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B

Well FET 1D collected on 10/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
2	Iron, total recoverable	790				74.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total organic halogens	22.8	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL FET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 48.61 ft (14.82 m) below TOC
Water elevation: 221.39 ft (67.48 m) msl
pH: 4.7
Sp. conductance: 40 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 36 gal

Time: 9:26
Water temperature: 20.7°C
Air temperature: 19.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Iron, total recoverable	8.90	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total organic halogens	22.2	J	I		120	µg/L	WA	EPA9020B
0	Total organic halogens	20.8	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL FET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 65.25 ft (19.89 m) below TOC
Water elevation: 221.65 ft (67.56 m) msl
pH: 5.1
Sp. conductance: 65 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 46 gal

Time: 8:46
Water temperature: 20.7°C
Air temperature: 17.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Iron, total recoverable	47.4	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total organic halogens	25.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

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WELL FIN 2TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: Not available
Water elevation: Not available
pH: 4.3
Sp. conductance: 853 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 14:45
Water temperature: 19.2°C
Air temperature: 16.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

Well FIN 2TK collected on 11/03/99

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	352				15.0	µg/L	GE	EPA6020
2	Aluminum, total recoverable	363	J	K	I	146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	369	J	K	I	146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<0.198	U	V		2.00	µg/L	GE	EPA6020
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	9.37				2.00	µg/L	GE	EPA6020
0	Barium, total recoverable	8.60				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	8.80				1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Beryllium, total recoverable	0.0320	J	I		0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.280	J	I		1.60	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	0.290	J	I		1.60	µg/L	WA	EPA6010B
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.85	U		6	3.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	6.35				1.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	6.30				4.50	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	6.00				4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	<0.579	U		6	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Cyanide	<50.0	U			50.0	µg/L	WA	EPA9010B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well FIN 2TK collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dichloromethane	<1.26	U		8	5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	108				25.0	µg/L	GE	EPA6020
0	Iron, total recoverable	90.2				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	91.9				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	0.165	J	I		0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	0.120	J	I		0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	0.140	J	I		0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	1.98	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	1.44	J	IL	C	5.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Thallium, total recoverable	0.787				0.500	µg/L	GE	EPA6020
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	0.666	J	I		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Actinium-228	6.37E-09±7.55E-09	U			1.29E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	4.45E-09±1.33E-08	U			1.86E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	1.03E-09±1.38E-08	U			2.32E-08	µCi/mL	TM	EPA901.1M
0	Actinium-228	9.66E-09±1.39E-08	U			2.44E-08	µCi/mL	TM	EPA901.1M
0	Americium-241	7.94E-10±3.46E-10	J	I		4.16E-10	µCi/mL	GP	EPIA-011
0	Antimony-124	2.23E-08±9.72E-09	J	I		6.26E-09	µCi/mL	TM	EPA901.1M
0	Antimony-124	-2.10E-10±3.46E-09	U			6.09E-09	µCi/mL	TM	EPA901.1M
0	Antimony-125	-2.44E-09±5.11E-09	U			7.29E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.24E-09±5.58E-09	U			9.59E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	8.80E-10±8.01E-09	U			1.44E-08	µCi/mL	TM	EPA901.1M
0	Antimony-125	5.70E-10±8.59E-09	U			1.53E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	-2.24E-09±3.90E-09	U			6.73E-09	µCi/mL	TM	EPA901.1M
0	Barium-133	2.35E-09±4.09E-09	U			6.81E-09	µCi/mL	TM	EPA901.1M
0	Carbon-14	1.40E-08±8.40E-09	J	I		1.37E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	-3.37E-09±9.77E-09	U			1.69E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	3.65E-09±1.14E-08	U			1.93E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-7.23E-09±1.73E-08	U			2.56E-08	µCi/mL	TM	EPA901.1M
0	Cerium-144	7.84E-09±1.58E-08	U			2.66E-08	µCi/mL	TM	EPA901.1M
0	Cesium-134	6.94E-10±1.72E-09	U			2.92E-09	µCi/mL	GP	EPIA-013

Well FIN 2TK collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cesium-134	-3.04E-10±2.63E-09	U			3.92E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	2.06E-08±9.00E-09	J	I		5.72E-09	µCi/mL	TM	EPA901.1M
0	Cesium-134	-3.97E-09±3.29E-09	U			5.31E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	6.12E-09±2.40E-09	R		4	4.94E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	6.18E-10±2.27E-09	U			4.29E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.29E-09±3.44E-09	U			5.92E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	4.10E-10±3.53E-09	U			6.30E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	-6.45E-10±1.25E-09	U			2.15E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	6.35E-10±1.38E-09	U			2.38E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.00E-11±1.86E-09	U			3.07E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	-1.03E-09±1.95E-09	U			3.14E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	6.60E-10±3.68E-09	U			5.96E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	2.71E-09±3.45E-09	U			6.47E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	1.49E-10±1.63E-09	U			3.22E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.36E-09±1.99E-09	U			4.27E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.00E-10±3.37E-09	U			6.03E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	-1.96E-09±3.72E-09	U			6.16E-09	µCi/mL	TM	EPA901.1M
0	Curium-242	-3.71E-11±1.56E-10	U			3.72E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.30E-10±3.61E-10	U			6.25E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	7.96E-11±1.45E-10	U			2.77E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-6.15E-10±4.52E-09	U			7.73E-09	µCi/mL	GP	EPIA-013
0	Europium-152	1.38E-09±5.46E-09	U			9.85E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1.26E-08±2.37E-08	U			3.90E-08	µCi/mL	TM	EPA901.1M
0	Europium-152	3.00E-11±2.48E-08	U			4.38E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	1.58E-09±4.62E-09	U			9.40E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.48E-09±6.74E-09	U			1.26E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-3.10E-10±1.15E-08	U			1.80E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-1.11E-09±8.96E-09	U			1.58E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	2.41E-09±4.87E-09	U			8.86E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.96E-09±5.41E-09	U			8.90E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.22E-09±5.36E-09	U			8.96E-09	µCi/mL	TM	EPA901.1M
0	Europium-155	1.96E-09±5.48E-09	U			8.54E-09	µCi/mL	TM	EPA901.1M
2	Iodine-129	4.84E-08±6.36E-09				2.58E-09	µCi/mL	GP	EPIA-006
2	Iodine-129	3.99E-08±5.16E-09				1.34E-09	µCi/mL	GP	EPIA-006
2	Iodine-129	4.09E-08±1.05E-08				7.53E-09	µCi/mL	TM	EPA902.0M
2	Iodine-129	3.75E-08±1.00E-08				7.07E-09	µCi/mL	TM	EPA902.0M
0	Lead-212	3.14E-09±5.16E-09	U			5.63E-09	µCi/mL	GP	EPIA-013
0	Lead-212	2.79E-09±5.29E-09	U			5.25E-09	µCi/mL	GP	EPIA-013
0	Lead-212	-2.10E-10±5.80E-09	U			9.19E-09	µCi/mL	TM	EPA901.1M
0	Lead-212	2.47E-09±5.73E-09	U			7.51E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	1.06E-10±1.55E-09	U			2.88E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.56E-09±2.22E-09	U			4.35E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.11E-09±3.52E-09	U			5.72E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	2.81E-09±3.53E-09	U			6.56E-09	µCi/mL	TM	EPA901.1M
0	Neptunium-239	-3.36E-08±7.75E-08	U			1.15E-07	µCi/mL	TM	EPA901.1M
0	Neptunium-239	-1.73E-08±9.41E-08	U			1.54E-07	µCi/mL	TM	EPA901.1M
0	Plutonium-238	1.19E-10±1.77E-10	U			3.21E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.03E-10±1.21E-10	U			1.95E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	4.98E-09±2.58E-08	U			2.75E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	2.81E-08±2.24E-08	U			4.95E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	-5.04E-09±3.86E-08	U			6.99E-08	µCi/mL	TM	EPA901.1M
0	Potassium-40	5.90E-09±4.79E-08	U			8.12E-08	µCi/mL	TM	EPA901.1M
0	Promethium-144	1.12E-09±1.44E-09	U			2.87E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.64E-09±2.23E-09	U			3.79E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	2.24E-09±6.03E-09	U			6.19E-09	µCi/mL	TM	EPA901.1M
0	Promethium-144	2.80E-10±3.93E-09	U			6.22E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	-7.85E-10±2.14E-09	U			3.54E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	6.08E-11±2.61E-09	U			4.58E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.73E-09±6.08E-09	U			1.10E-08	µCi/mL	TM	EPA901.1M
0	Promethium-146	1.60E-10±6.31E-09	U			1.12E-08	µCi/mL	TM	EPA901.1M
0	Radium-226	4.21E-10±4.37E-10	U			6.22E-10	µCi/mL	GP	EPIA-008
0	Radium-226	7.30E-10±3.70E-10	J	I		3.30E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	5.70E-10±2.90E-10	J	I		2.20E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	-5.14E-10±2.55E-10	JU			6.33E-10	µCi/mL	GP	EPIA-009
0	Radium-228	-6.50E-10±3.86E-10	U			8.61E-10	µCi/mL	GP	EPIA-009
2	Radium-228	3.88E-08±3.09E-09	R		4	2.48E-09	µCi/mL	TM	EPA904.0M
2	Radium-228	3.21E-08±2.51E-09	R		4	1.87E-09	µCi/mL	TM	EPA904.0M
0	Ruthenium-106	3.90E-10±1.46E-08	U			2.69E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.22E-08±2.05E-08	U			3.95E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	3.22E-09±3.00E-08	U			5.34E-08	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	-1.78E-09±2.99E-08	U			5.28E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	5.73E-10±1.65E-09	U			3.37E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	5.36E-10±2.41E-09	U			4.52E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.90E-10±4.09E-09	U			6.39E-09	µCi/mL	TM	EPA901.1M
0	Sodium-22	-4.10E-10±3.20E-09	U			5.62E-09	µCi/mL	TM	EPA901.1M
0	Strontium-89	-1.09E-08±6.25E-09	JU			2.92E-09	µCi/mL	TM	EMLSR02M
0	Strontium-89	-1.91E-08±8.26E-09	JU			3.92E-09	µCi/mL	TM	EMLSR02M

Well FIN 2TK collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Strontium-89/90	3.26E-08±1.82E-09				1.32E-09	µCi/mL	GP	EPIA-004
2	Strontium-90	3.16E-08±2.42E-09				1.58E-09	µCi/mL	TM	EMLSR02M
2	Strontium-90	4.64E-08±3.24E-09				2.12E-09	µCi/mL	TM	EMLSR02M
0	Technetium-99	2.08E-08±4.14E-09				6.37E-09	µCi/mL	GP	EPIA-005
0	Technetium-99	2.24E-08±3.97E-09				6.03E-09	µCi/mL	GP	EPIA-005
0	Technetium-99	4.49E-08±9.04E-09	R		4	1.38E-08	µCi/mL	TM	EICHROM
0	Technetium-99	3.74E-08±8.82E-09	R		4	1.37E-08	µCi/mL	TM	EICHROM
0	Thorium-228	4.15E-10±4.31E-10	U		X	7.79E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	5.78E-10±3.99E-10	J	I	X	5.51E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	2.61E-11±1.48E-10	U		X	4.00E-10	µCi/mL	GP	EPIA-012
0	Tin-113	1.23E-09±3.70E-09	U			6.72E-09	µCi/mL	TM	EPA901.1M
0	Tin-113	1.36E-09±3.79E-09	U			6.89E-09	µCi/mL	TM	EPA901.1M
1	Uranium-233/234	7.04E-09±1.36E-09				3.21E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	5.55E-10±3.30E-10	J	I		3.22E-10	µCi/mL	GP	EPIA-011
1	Uranium-238	1.26E-08±2.05E-09				1.27E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	4.46E-10±1.93E-09	U			3.93E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	5.40E-11±2.31E-09	U			4.54E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	-1.88E-09±3.29E-09	U			5.83E-09	µCi/mL	TM	EPA901.1M
0	Yttrium-88	-5.80E-10±3.45E-09	U			6.49E-09	µCi/mL	TM	EPA901.1M
0	Zinc-65	-1.58E-09±3.91E-09	U			6.63E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-4.85E-10±5.07E-09	U			7.95E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.93E-09±9.12E-09	U			1.29E-08	µCi/mL	TM	EPA901.1M
0	Zinc-65	-2.67E-09±8.20E-09	U			1.29E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	2.73E-09±5.86E-09	U			1.08E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	2.62E-09±6.00E-09	U			1.10E-08	µCi/mL	TM	EPA901.1M

WELL FIN 2TK Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: Not available
Water elevation: Not available
pH: 4.3
Sp. conductance: 853 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 14:45
Water temperature: 19.2°C
Air temperature: 16.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	331				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	8.93				2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<0.0230	JU	I	4	0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	<2.16	U		6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	5.82				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<0.600	U		6	1.00	µg/L	GE	EPA6020
0	Cyanide	<3.86	U		6	10.0	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<1.80	U		8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Iron, total recoverable	105				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	0.0796	J	I		0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	1.86	J	I		2.00	µg/L	GE	EPA6020

Well FIN 2TK collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	JU	L	C	5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	0.376	J	I		0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	0.747	J	I		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Actinium-228	3.55E-09±1.14E-08	U			1.31E-08	µCi/mL	GP	EPIA-013
0	Americium-241	5.18E-10±3.48E-10	U			5.40E-10	µCi/mL	GP	EPIA-011
0	Americium-241	2.40E-10±2.88E-10	U			5.05E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	2.52E-09±5.37E-09	U			9.49E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.85E-08±8.51E-09	J	I		1.36E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	2.66E-08±8.80E-09	J	I		1.37E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	8.05E-09±1.94E-08	U			2.19E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.85E-09±1.61E-09	U			2.62E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.06E-09±4.02E-09	U			3.09E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	8.14E-12±1.68E-09	U			2.97E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.76E-10±1.73E-09	U			3.41E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.18E-11±1.61E-10	U			3.65E-10	µCi/mL	GP	EPIA-011
0	Curium-242	1.28E-11±1.68E-10	U			3.66E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	5.07E-10±3.79E-10	U			6.13E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.41E-10±3.53E-10	U			6.07E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.01E-10±1.50E-10	U			2.71E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.90E-10±1.43E-10	U	V		1.60E-10	µCi/mL	GP	EPIA-011
0	Europium-152	3.54E-09±5.47E-09	U			9.84E-09	µCi/mL	GP	EPIA-013
0	Europium-154	7.25E-10±5.29E-09	U			9.80E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.46E-09±6.55E-09	U			1.14E-08	µCi/mL	GP	EPIA-013
2	Iodine-129	3.99E-08±5.84E-09				1.76E-09	µCi/mL	GP	EPIA-006
0	Lead-212	2.84E-09±4.55E-09	U			6.46E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	6.33E-10±1.67E-09	U			3.16E-09	µCi/mL	GP	EPIA-013
0	Plutonium-238	-2.45E-11±1.83E-10	U			4.03E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	5.80E-11±1.70E-10	U			3.41E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	4.17E-11±1.07E-10	U			2.23E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	2.76E-12±1.04E-10	U			2.50E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	1.20E-08±3.54E-08	U			2.80E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	8.49E-10±2.43E-09	U			3.11E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	3.37E-09±2.29E-09	U			4.39E-09	µCi/mL	GP	EPIA-013
0	Radium-226	3.45E-10±4.77E-10	U			8.00E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-5.98E-10±2.80E-10	JU			6.96E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	8.29E-10±1.52E-08	U			2.80E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	2.53E-10±1.89E-09	U			3.50E-09	µCi/mL	GP	EPIA-013
2	Strontium-89/90	3.39E-08±1.84E-09				1.15E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1.57E-08±3.91E-09				6.15E-09	µCi/mL	GP	EPIA-005
0	Thorium-228	1.79E-10±3.92E-10	U		X	8.25E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.24E-10±1.79E-10	U		X	3.33E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-4.59E-11±5.35E-11	U		X	3.33E-10	µCi/mL	GP	EPIA-012
0	Uranium-233/234	6.50E-09±1.30E-09				3.68E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	5.58E-09±1.06E-09				2.87E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	5.61E-10±3.34E-10	J	I		3.25E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	7.92E-10±3.51E-10	J	I		2.88E-10	µCi/mL	GP	EPIA-011
1	Uranium-238	1.22E-08±2.01E-09				2.67E-10	µCi/mL	GP	EPIA-011
1	Uranium-238	1.11E-08±1.71E-09				2.53E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-6.67E-11±1.90E-09	U			3.65E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.96E-08±9.17E-09	R		4	6.44E-09	µCi/mL	GP	EPIA-013

Well FIN 2TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99
Depth to water: Not available
Water elevation: Not available
pH: 3.2
Sp. conductance: 981 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 8:55
Water temperature: 16.9°C
Air temperature: 5.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,170				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.70	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	19.9				2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.0830	J	I		0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<11.0	U			11.0	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	0.176	J	I		1.00	µg/L	GE	EPA6020
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	3.58				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	8.15				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	2.35				2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	1,2-Dichloroethane	78.7	J	K	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Iron, total recoverable	144	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	0.0850	J	I		0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	2.17				2.00	µg/L	GE	EPA6020
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.281	JU	I	4	1.00	µg/L	GE	EPA6020
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	0.228	J	I		0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<0.232	U	V		2.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	0.698	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<8.63	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	3.47	J	I		10.0	µg/L	GE	EPA6020
0	Actinium-228	3.61E-09±4.66E-09	U			8.68E-09	µCi/mL	GP	EPIA-013
0	Americium-241	9.19E-10±4.71E-10	J	I		5.85E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-6.65E-10±3.42E-09	U			6.02E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	2.38E-08±5.59E-09				8.25E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	-5.41E-09±9.91E-09	U			1.66E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	6.16E-10±1.28E-09	U			2.08E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.91E-10±1.34E-09	U			2.12E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	3.85E-10±1.22E-09	U			2.12E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	9.55E-10±1.50E-09	U			2.89E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-6.10E-11±1.28E-10	U			4.44E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.83E-09±6.55E-10	J	I		6.57E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	3.00E-12±1.41E-10	U			3.90E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.92E-09±3.99E-09	U			6.84E-09	µCi/mL	GP	EPIA-013
0	Europium-154	4.11E-10±3.69E-09	U			6.86E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.15E-09±4.85E-09	U			8.52E-09	µCi/mL	GP	EPIA-013

Well FIN 2TK collected on 12/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Iodine-129	3.63E-08±4.59E-09				1.05E-09	µCi/mL	GP	EPIA-006
0	Lead-212	5.00E-09±4.13E-09	R		4	4.82E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.00E-11±1.31E-09	U			2.29E-09	µCi/mL	GP	EPIA-013
0	Plutonium-238	1.00E-12±8.80E-11	U			2.75E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	3.60E-11±7.29E-11	U			1.09E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	1.65E-08±1.69E-08	U			3.28E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-3.41E-10±1.23E-09	U			2.11E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	8.20E-10±1.72E-09	U			3.13E-09	µCi/mL	GP	EPIA-013
0	Radium-226	8.95E-10±5.31E-10	J	IL	C	5.94E-10	µCi/mL	GP	EPIA-008
0	Radium-226	7.50E-10±5.17E-10	J	IL	C	6.33E-10	µCi/mL	GP	EPIA-008
0	Radium-228	9.74E-10±3.98E-10	J	I		7.33E-10	µCi/mL	GP	EPIA-009
0	Radium-228	1.35E-09±5.04E-10	J	I		8.98E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	5.73E-09±1.10E-08	U			2.01E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.50E-10±1.32E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
2	Strontium-89/90	3.31E-08±2.09E-09				1.42E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	5.31E-08±1.87E-08	J	I		3.41E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	2.47E-10±4.12E-10	U			8.05E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.00E-11±1.20E-10	U			3.13E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.60E-11±9.50E-11	U			3.13E-10	µCi/mL	GP	EPIA-012
1	Uranium-233/234	1.34E-08±2.73E-09				7.02E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.55E-09±7.64E-10	J	I		4.59E-10	µCi/mL	GP	EPIA-011
2	Uranium-238	2.52E-08±4.29E-09				6.03E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-1.68E-09±1.71E-09	U			2.62E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.00E-10±2.52E-09	U			4.15E-09	µCi/mL	GP	EPIA-013

WELL FNB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 76.38 ft (23.28 m) below TOC
Water elevation: 207.62 ft (63.28 m) msl
pH: 4.6
Sp. conductance: 61 µS/cm
Turbidity: 1 NTU
No water was evacuated from the well prior to sampling.

Time: 10:24
Water temperature: 19.2°C
Air temperature: 19.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	442				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Iron, total recoverable	<88.3	U	V		74.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	53.3				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	4,130				200	µg/L	WA	EPA353.2
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 77.3 ft (23.56 m) below TOC
Water elevation: 214.2 ft (65.29 m) msl
pH: 4.7
Sp. conductance: 26 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 62 gal

Time: 11:41
Water temperature: 18.7°C
Air temperature: 17.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well FNB 4 collected on 10/22/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	19.3	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Iron, total recoverable	<38.1	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL FNB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 81.12 ft (24.73 m) below TOC
Water elevation: 206.18 ft (62.84 m) msl
pH: 4.3
Sp. conductance: 210 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 15 gal

Time: 11:05
Water temperature: 20.1°C
Air temperature: 17.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,010				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	0.490	J	I		4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloride	2,620				210	µg/L	WA	EPA9056
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Fluoride	<78.5	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	107				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.70				2.70	µg/L	WA	EPA6010B
2	Manganese, total recoverable	373				7.80	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	4,090				200	µg/L	WA	EPA353.2
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	10,400				1,350	µg/L	WA	EPA6010B
0	Sulfate	513				340	µg/L	WA	EPA9056
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total dissolved solids	68,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<718	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<12.3	U	V		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	11.2	J			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 76 ft (23.17 m) below TOC
Water elevation: 218.2 ft (66.51 m) msl
pH: 4.4
Sp. conductance: 114 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 89 gal

Time: 9:28
Water temperature: 20.7°C
Air temperature: 22.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	336				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.324	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.94	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	16.6				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.127	J	I		0.200	µg/L	GE	EPA6020

Well FSB 76 collected on 10/04/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.19	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	0.550	J	I		1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	275				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	64.6				25.0	µg/L	GE	EPA6020
1	Lead, total recoverable	25.1				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.29				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	11,100				500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	11,000				500	µg/L	GE	EPA353.1
0	pH	4.28	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.28	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.371	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	117				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	116				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.477	J	I		0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<6.72	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	65.0				10.0	µg/L	GE	EPA6020
0	Gross alpha	1.92E-10±4.40E-10	U			8.73E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.81E-09±7.91E-10	U	V		1.50E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.12E-04±6.15E-06				1.18E-06	µCi/mL	GP	EPIA-002

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 139.1 ft (42.4 m) below TOC
Water elevation: 154.8 ft (47.18 m) msl
pH: 6.7
Sp. conductance: 118 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 187 gal

Time: 10:00
Water temperature: 20.3°C
Air temperature: 22.8°C
Total alkalinity (as CaCO3): 43 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	9.49	J	I		15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.217	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<4.07	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	25.3				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.46	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	26.8				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.52	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	110				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.100	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<8.42	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.54E-10±5.14E-10	U			1.15E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.67E-10±7.65E-10	U			1.59E-09	µCi/mL	GP	EPIA-001
0	Tritium	-1.16E-07±3.58E-07	U			6.38E-07	µCi/mL	GP	EPIA-002

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 142.69 ft (43.49 m) below TOC
Water elevation: 151.11 ft (46.06 m) msl
pH: 6.9
Sp. conductance: 117 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 81 gal

Time: 10:28
Water temperature: 20.6°C
Air temperature: 22.8°C
Total alkalinity (as CaCO3): 59 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well FSB 76B collected on 10/04/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.144	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<4.21	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	17.8				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	9.92				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	10.0				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	52.6				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	3.16				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	500				50.0	µg/L	GE	EPA353.1
0	pH	6.79	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	119				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0440	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.76E-09±8.06E-10	J	I		7.99E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.23E-09±1.08E-09	U	V		1.35E-09	µCi/mL	GP	EPIA-001
0	Tritium	5.26E-07±3.73E-07	U			6.08E-07	µCi/mL	GP	EPIA-002

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 80.37 ft (24.5 m) below TOC
Water elevation: 213.23 ft (64.99 m) msl
pH: 5.9
Sp. conductance: 46 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 110 gal

Time: 11:03
Water temperature: 20.4°C
Air temperature: 22.8°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	13.6	J	I		15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.136	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<4.96	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	7.69				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0930	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.59	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	30.1				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	14.0	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.758	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,260				50.0	µg/L	GE	EPA353.1
0	pH	5.81	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	47.0				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<11.5	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	21.1				10.0	µg/L	GE	EPA6020
0	Gross alpha	1.24E-09±6.92E-10	J	I		9.30E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.64E-09±1.09E-09	U	V		1.28E-09	µCi/mL	GP	EPIA-001
0	Tritium	3.00E-06±4.74E-07				6.05E-07	µCi/mL	GP	EPIA-002

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 60.42 ft (18.42 m) below TOC
Water elevation: 212.88 ft (64.89 m) msl
pH: 4.4
Sp. conductance: 421 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 47 gal

Time: 13:08
Water temperature: 19.8°C
Air temperature: 21.3°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,110				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.151	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.90	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	31.1				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.179	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.01				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.61	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	1.05				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	8.71				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	68.0	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.535	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	1.22	J	I		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	22,500	J	Q		1,250	µg/L	GE	EPA353.1
1	pH	3.49	J	Q		0.100	pH	GE	EPA9040B
1	pH	3.50	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	244				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0440	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
2	Gross alpha	9.10E-08±5.48E-09				1.61E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.02E-07±4.85E-09				1.38E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.56E-03±3.07E-05				2.94E-06	µCi/mL	GP	EPIA-002

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 65.75 ft (20.04 m) below TOC
Water elevation: 206.85 ft (63.05 m) msl
pH: 3.5
Sp. conductance: 1,176 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 29 gal

Time: 13:00
Water temperature: 20.5°C
Air temperature: 22.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	27,100				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.181	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.29	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	367				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.754				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	14.4				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<5.15	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	10.6				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	54.5				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	87.5				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	16.1				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	122,000				2,500	µg/L	GE	EPA353.1
1	pH	3.27	J	Q		0.100	pH	GE	EPA9040B
1	pH	3.28	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.317	U	V		1.00	µg/L	GE	EPA6020
2	Specific conductance	1,130				1.00	µS/cm	GE	EPA9050A
2	Specific conductance	1,120				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.613				0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	46.5				10.0	µg/L	GE	EPA6020
2	Gross alpha	9.52E-07±5.16E-08				6.15E-09	µCi/mL	GP	EPIA-001

Well FSB 78 collected on 10/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Nonvolatile beta	1.39E-06±3.23E-08				5.99E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.62E-03±1.09E-04				6.13E-06	µCi/mL	GP	EPIA-002

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 116.84 ft (35.61 m) below TOC
Water elevation: 155.76 ft (47.48 m) msl
pH: 6.5
Sp. conductance: 105 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 215 gal

Time: 10:13
Water temperature: 19.8°C
Air temperature: 20.3°C
Total alkalinity (as CaCO3): 43 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	11.9	J	I		15.0	µg/L	GE	EPA6020
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<0.142	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.67	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	23.8				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<5.87	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	68.7				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	62.7				25.0	µg/L	GE	EPA6020
0	Iron, total recoverable	<37.0	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	1.04	J	I		2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	2.89				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	670				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	615	J	Q		20.0	µg/L	WA	EPA353.2
0	pH	6.50	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.13	J	Q		0.100	pH	WA	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.302	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	104				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	80.6				8.90	µS/cm	WA	EPA9050A
0	Thallium, total recoverable	<0.0290	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	4.04E-10±4.51E-10	U			8.92E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	8.50E-10±7.40E-10	U			1.09E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.08E-09±7.40E-10	J	I		9.70E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	4.47E-09±7.72E-10				1.14E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.71E-09±9.30E-10	J	I		1.46E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.95E-09±9.90E-10	J	I		1.54E-09	µCi/mL	TM	EPA900.0M
0	Tritium	9.71E-06±7.07E-07			5	6.83E-07	µCi/mL	GP	EPIA-002
1	Tritium	1.11E-05±7.70E-07				5.30E-07	µCi/mL	TM	EPA906.0M
1	Tritium	1.22E-05±8.20E-07				5.50E-07	µCi/mL	TM	EPA906.0M

WELL FSB 78A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 116.84 ft (35.61 m) below TOC
Water elevation: 155.76 ft (47.48 m) msl
pH: 6.5
Sp. conductance: 105 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 215 gal

Time: 10:13
Water temperature: 19.8°C
Air temperature: 20.3°C
Total alkalinity (as CaCO3): 43 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.378	U		6	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<1.88	U		6	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	22.9				2.00	µg/L	GE	EPA6020

Well FSB 78A collected on 10/06/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.51	U		6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<0.328	JU	I	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	44.7				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	630				50.0	µg/L	GE	EPA353.1
0	pH	6.50	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	104				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.628	U		6	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<9.29	U		6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	-8.79E-12±4.12E-10	U			1.09E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.05E-09±8.60E-10	U		6	1.33E-09	µCi/mL	GP	EPIA-001
0	Tritium	8.68E-06±5.85E-07				5.45E-07	µCi/mL	GP	EPIA-002

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 118.73 ft (36.19 m) below TOC
Water elevation: 154.07 ft (46.96 m) msl
pH: 7.4
Sp. conductance: 248 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 123 gal

Time: 9:43
Water temperature: 19.9°C
Air temperature: 18.4°C
Total alkalinity (as CaCO3): 79 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.03	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	42.6				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.63	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	37.6				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	11,300				250	µg/L	GE	EPA353.1
0	pH	7.25	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	236				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.13E-09±5.69E-10	J	I		7.02E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.11E-08±1.04E-09				1.06E-09	µCi/mL	GP	EPIA-001
0	Tritium	9.67E-06±7.29E-07			5	7.17E-07	µCi/mL	GP	EPIA-002

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 68.85 ft (20.99 m) below TOC
Water elevation: 204.65 ft (62.38 m) msl
pH: 4.1
Sp. conductance: 2,249 µS/cm
Turbidity: 0 NTU

Time: 11:00
Water temperature: 21.2°C
Air temperature: 19°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

Well FSB 78C collected on 10/27/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	29,300				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.171	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	6.27				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	774				2.00	µg/L	GE	EPA6020
2	Beryllium, total recoverable	25.5				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	18.8				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.07	U	V		3.00	µg/L	GE	EPA6020
2	Cobalt, total recoverable	322				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	13.6				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	248				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	21.6				10.0	µg/L	GE	EPA6020
2	Nickel, total recoverable	124				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	293,000	J	Q		5,000	µg/L	GE	EPA353.1
0	pH	4.13	J	Q		0.100	pH	GE	EPA9040B
1	Selenium, total recoverable	39.9				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	2,340				1.00	µS/cm	GE	EPA9050A
1	Thallium, total recoverable	1.73	J	I		2.50	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	465				10.0	µg/L	GE	EPA6020
2	Gross alpha	3.33E-07±1.20E-08				2.03E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.67E-06±1.44E-08				2.92E-09	µCi/mL	GP	EPIA-001
2	Tritium	9.77E-03±1.85E-04				8.58E-06	µCi/mL	GP	EPIA-002
2	Tritium	1.00E-02±1.89E-04				8.66E-06	µCi/mL	GP	EPIA-002

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 25.65 ft (7.82 m) below TOC
Water elevation: 192.15 ft (58.57 m) msl
pH: 3.6
Sp. conductance: 770 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 30 gal

Time: 14:15
Water temperature: 20.3°C
Air temperature: 23.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	34,100				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	3.83				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	411				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	1.36				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	6.50				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	13.6				3.00	µg/L	GE	EPA6020
2	Cobalt, total recoverable	247				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	37.4				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	420				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.975	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	41.7				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	84,500				2,500	µg/L	GE	EPA353.1
1	pH	3.56	J	Q		0.100	pH	GE	EPA9040B
1	Selenium, total recoverable	27.8				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	738				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.401	J	I		0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	65.3				10.0	µg/L	GE	EPA6020
2	Gross alpha	5.46E-07±3.44E-08				4.30E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.86E-07±2.26E-08				4.77E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.58E-03±6.98E-05				4.65E-06	µCi/mL	GP	EPIA-002

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 60.5 ft (18.44 m) below TOC
Water elevation: 157.6 ft (48.04 m) msl
pH: 6.4
Sp. conductance: 71 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 231 gal

Time: 9:18
Water temperature: 19.4°C
Air temperature: 19.1°C
Total alkalinity (as CaCO3): 32 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<5.59	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	19.5				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0190	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.33	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	58.4				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	320				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	320				50.0	µg/L	GE	EPA353.1
0	pH	6.20	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.23	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	78.0				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	78.1				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<12.6	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.13E-10±6.15E-10	U			1.37E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.22E-09±6.42E-10	U			1.24E-09	µCi/mL	GP	EPIA-001
0	Tritium	7.59E-06±6.30E-07				6.17E-07	µCi/mL	GP	EPIA-002

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 60.38 ft (18.4 m) below TOC
Water elevation: 157.82 ft (48.1 m) msl
pH: 7
Sp. conductance: 157 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 133 gal

Time: 8:44
Water temperature: 19.5°C
Air temperature: 18.6°C
Total alkalinity (as CaCO3): 67 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<6.24	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	29.6				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0610	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.88	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<0.312	JU	I	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	39.1				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,850				150	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	2,910				150	µg/L	GE	EPA353.1
0	pH	7.01	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	164				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<12.2	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020

Well FSB 79B collected on 10/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	6.26E-10±5.57E-10	U			1.00E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.03E-09±6.88E-10				1.05E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.53E-05±1.31E-06				6.01E-07	µCi/mL	GP	EPIA-002

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 23.34 ft (7.11 m) below TOC
Water elevation: 195.06 ft (59.46 m) msl
pH: 3.6
Sp. conductance: 1,241 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 69 gal

Time: 14:56
Water temperature: 19.6°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	61,900				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<30.0	U			30.0	µg/L	GE	EPA6020
0	Barium, total recoverable	524				2.00	µg/L	GE	EPA6020
1	Beryllium, total recoverable	3.49				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	16.8				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.92	U	V		3.00	µg/L	GE	EPA6020
2	Cobalt, total recoverable	142				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	43.9				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	23.5	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	4.78	J	I		20.0	µg/L	GE	EPA6020
0	Nickel, total recoverable	37.2				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	142,000				2,500	µg/L	GE	EPA353.1
1	pH	3.48	J	Q		0.100	pH	GE	EPA9040B
2	Selenium, total recoverable	63.1				50.0	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	1,200				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	93.2	J	I		100	µg/L	GE	EPA6020
2	Gross alpha	5.42E-07±3.97E-08				7.01E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.52E-06±3.42E-08				5.32E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.46E-03±1.20E-04				6.26E-06	µCi/mL	GP	EPIA-002

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 134.25 ft (40.92 m) below TOC
Water elevation: 153.55 ft (46.8 m) msl
pH: 6.7
Sp. conductance: 90 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 187 gal

Time: 12:17
Water temperature: 20.4°C
Air temperature: 22°C
Total alkalinity (as CaCO3): 35 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<4.72	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	17.0				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.88	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	3.41				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	15.2	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	170				50.0	µg/L	GE	EPA353.1
0	pH	6.43	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	93.5				1.00	µS/cm	GE	EPA9050A

Well FSB 87A collected on 10/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<12.9	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.03E-09±6.21E-10	U			1.03E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.39E-09±6.53E-10	J	I		1.24E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.76E-06±4.90E-07				6.47E-07	µCi/mL	GP	EPIA-002
0	Tritium	2.47E-06±4.54E-07				6.04E-07	µCi/mL	GP	EPIA-002

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 137.1 ft (41.79 m) below TOC
Water elevation: 150.4 ft (45.84 m) msl
pH: 5.8
Sp. conductance: 104 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 92 gal

Time: 12:33
Water temperature: 20.8°C
Air temperature: 21.8°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	25.3				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.400	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<4.06	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	3.04				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0650	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.64	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	13.7				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	38.4				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	3.65				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.05				2.00	µg/L	GE	EPA6020
1	Nitrate-nitrite as nitrogen	9,400				250	µg/L	GE	EPA353.1
0	pH	5.80	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.395	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	106				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.9	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	5.58E-10±3.80E-10	U			5.59E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.39E-09±8.56E-10				1.01E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.48E-04±2.94E-06				8.33E-07	µCi/mL	GP	EPIA-002

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 78.55 ft (23.94 m) below TOC
Water elevation: 208.95 ft (63.69 m) msl
pH: 5.7
Sp. conductance: 128 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 146 gal

Time: 11:43
Water temperature: 20.1°C
Air temperature: 22.1°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	11.5	J	I		15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.155	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<4.55	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	23.1				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.115	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.65	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.185	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	38.5				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	16.9	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	6.89				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	1.50	J	I		2.00	µg/L	GE	EPA6020

Well FSB 87C collected on 10/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Nitrate-nitrite as nitrogen	12,600				250	µg/L	GE	EPA353.1
0	pH	5.61	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.320	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	131				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<11.8	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	11.8				10.0	µg/L	GE	EPA6020
0	Gross alpha	1.24E-09±6.23E-10	J	I		7.89E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.58E-08±1.35E-09				1.39E-09	µCi/mL	GP	EPIA-001
2	Tritium	7.94E-04±1.56E-05				2.00E-06	µCi/mL	GP	EPIA-002

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 74.39 ft (22.67 m) below TOC
Water elevation: 212.91 ft (64.9 m) msl
pH: 4.2
Sp. conductance: 401 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 93 gal

Time: 13:28
Water temperature: 20.2°C
Air temperature: 21.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,150				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.133	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.67	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	44.1				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.198	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.897	J	I		1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.48	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	2.75				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	108				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	21.2	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	3.61				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	1.46	J	I		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	38,500				1,250	µg/L	GE	EPA353.1
0	pH	4.11	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.309	U	V		1.00	µg/L	GE	EPA6020
1	Specific conductance	428				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<7.50	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	29.0				10.0	µg/L	GE	EPA6020
2	Gross alpha	1.33E-07±7.08E-09				1.24E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.13E-07±3.33E-09				1.16E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.62E-03±3.16E-05				2.99E-06	µCi/mL	GP	EPIA-002

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 69.86 ft (21.29 m) below TOC
Water elevation: 213.14 ft (64.97 m) msl
pH: 5.5
Sp. conductance: 47 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 100 gal

Time: 11:26
Water temperature: 20.2°C
Air temperature: 22.8°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	25.8				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.39	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	19.0				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.105	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.92	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020

Well FSB 88C collected on 10/06/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Copper, total recoverable	0.885	J	I		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	24.5	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.409	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	1.16	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,880				50.0	µg/L	GE	EPA353.1
0	pH	5.62	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	49.0				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	13.4				10.0	µg/L	GE	EPA6020
0	Gross alpha	1.29E-09±5.81E-10	J	I		6.63E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.25E-09±6.67E-10	U			1.31E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.72E-05±8.78E-07			5	6.87E-07	µCi/mL	GP	EPIA-002

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 65.3 ft (19.9 m) below TOC
Water elevation: 217.1 ft (66.17 m) msl
pH: 3.5
Sp. conductance: 255 µS/cm
Turbidity: 3 NTU

Time: 14:15
Water temperature: 20.6°C
Air temperature: 24.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	4,910				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.174	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	58.0				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.468				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.654	J	I		1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<4.77	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	6.69				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	11.4				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	75.8	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	4.14				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	8.55				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	24,800	J	Q		1,250	µg/L	GE	EPA353.1
1	pH	3.78	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	220				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	220				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	49.4				10.0	µg/L	GE	EPA6020
2	Gross alpha	2.24E-07±9.95E-09				1.45E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.08E-07±6.00E-09				1.48E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.35E-04±8.56E-06				1.45E-06	µCi/mL	GP	EPIA-002

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 68.79 ft (20.97 m) below TOC
Water elevation: 212.51 ft (64.77 m) msl
pH: 5.8
Sp. conductance: 54 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 120 gal

Time: 12:25
Water temperature: 20°C
Air temperature: 24.5°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.24	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	12.5				2.00	µg/L	GE	EPA6020

Well FSB 89C collected on 10/06/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.94	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	1.21				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	15.4	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.396	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,620				50.0	µg/L	GE	EPA353.1
0	pH	5.87	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	55.7				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	3.08	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	9.67	J	I		10.0	µg/L	GE	EPA6020
0	Gross alpha	2.42E-10±3.45E-10	U			7.18E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.59E-09±6.24E-10	J	I		1.13E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.01E-05±6.81E-07			5	6.30E-07	µCi/mL	GP	EPIA-002

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 64.96 ft (19.8 m) below TOC
Water elevation: 216.24 ft (65.91 m) msl
pH: 4.2
Sp. conductance: 150 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 30 gal

Time: 15:30
Water temperature: 20.4°C
Air temperature: 28.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	4,290				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.343	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.56	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	32.0				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.134	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.39				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.86	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	10.4				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	8.09				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	38.3				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	1.52	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	4.26				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	13,200				250	µg/L	GE	EPA353.1
1	pH	3.99	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	1.81	J	I		5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.453	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	158				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	12.1				10.0	µg/L	GE	EPA6020
2	Gross alpha	1.27E-07±5.39E-09				7.09E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.70E-07±5.15E-09				1.33E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.60E-04±1.10E-05			5	1.71E-06	µCi/mL	GP	EPIA-002

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 67.56 ft (20.59 m) below TOC
Water elevation: 210.84 ft (64.26 m) msl
pH: 6.2
Sp. conductance: 158 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 89 gal

Time: 13:26
Water temperature: 20.8°C
Air temperature: 29.6°C
Total alkalinity (as CaCO3): 18 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well FSB 87A collected on 10/06/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	167				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.12	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	39.8				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.305				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.237	J	I		1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.31	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	1.26				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	0.702	J	I		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	30.6				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	5.02				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	12,900				250	µg/L	GE	EPA353.1
0	pH	6.22	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	170				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	18.0				10.0	µg/L	GE	EPA6020
0	Gross alpha	2.36E-09±8.18E-10	J	I		7.83E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.75E-08±1.40E-09				1.14E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.68E-04±7.24E-06			5	1.36E-06	µCi/mL	GP	EPIA-002

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: Not available
Water elevation: Not available
pH: 3.6
Sp. conductance: 707 µS/cm
Turbidity: 4 NTU
Time: 13:45
Water temperature: 21.1°C
Air temperature: 21.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	23,200				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.34	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	250				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	1.55				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	8.20				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	17.9				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	18.6				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	35.1				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	162	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	24.9				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	21.8				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	72,500	J	Q		2,500	µg/L	GE	EPA353.1
1	pH	3.60	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	16.4				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	681				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	54.2				10.0	µg/L	GE	EPA6020
2	Gross alpha	6.67E-07±1.94E-08				2.29E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.14E-06±1.40E-08				1.88E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.00E-03±3.86E-05				3.35E-06	µCi/mL	GP	EPIA-002

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99
Depth to water: Not available
Water elevation: Not available
pH: 3.7
Sp. conductance: 523 µS/cm
Turbidity: 4 NTU
Time: 12:50
Water temperature: 18.2°C
Air temperature: 13.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sulfide	<580	JU	LQV	CI	1,000	µg/L	GE	EPA9034

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 68.47 ft (20.87 m) below TOC
Water elevation: 210.83 ft (64.26 m) msl
pH: 5.4
Sp. conductance: 158 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal
Time: 14:48
Water temperature: 20.4°C
Air temperature: 28.2°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,370				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.67	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	83.0				2.00	µg/L	GE	EPA6020
1	Beryllium, total recoverable	2.79				0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	3.09				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<0.886	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	10.3				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	7.03				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	141				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.08				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	5.95				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	12,900				250	µg/L	GE	EPA353.1
0	pH	5.46	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	9.54				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	145				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	23.6				10.0	µg/L	GE	EPA6020
2	Gross alpha	2.23E-08±2.55E-09				8.68E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.60E-07±5.19E-09				1.44E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.86E-04±3.69E-06			5	9.57E-07	µCi/mL	GP	EPIA-002

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 65.5 ft (19.96 m) below TOC
Water elevation: 213.7 ft (65.14 m) msl
pH: 3.8
Sp. conductance: 750 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 32 gal
Time: 14:44
Water temperature: 20.1°C
Air temperature: 28°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	19,600				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.36	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	140				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.312				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	9.11				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.78	U	V		3.00	µg/L	GE	EPA6020

Well FSB 91D collected on 10/06/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cobalt, total recoverable	5.30				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	8.32				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	18.5	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.24				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	5.41				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	82,500				2,500	µg/L	GE	EPA353.1
1	pH	3.72	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	5.29				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	738				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	11.4				10.0	µg/L	GE	EPA6020
2	Gross alpha	2.55E-07±5.32E-09				7.07E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.47E-07±4.06E-09				9.51E-10	µCi/mL	GP	EPIA-001
2	Tritium	7.10E-03±1.33E-04			5	7.04E-06	µCi/mL	GP	EPIA-002

WELL FSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 67.1 ft (20.45 m) below TOC
Water elevation: 208.6 ft (63.58 m) msl
pH: 5.2
Sp. conductance: 258 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 85 gal

Time: 13:45
Water temperature: 21°C
Air temperature: 26.9°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,450				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	3.03				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	98.5				2.00	µg/L	GE	EPA6020
1	Beryllium, total recoverable	3.68				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	5.21				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.32	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	30.5				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	2.70				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	20.4	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.338	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	11.5				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	26,300				1,250	µg/L	GE	EPA353.1
0	pH	5.30	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	6.50				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	242				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	44.9				10.0	µg/L	GE	EPA6020
2	Gross alpha	3.00E-08±3.02E-09				8.14E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.62E-07±5.22E-09				1.24E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.83E-04±1.14E-05			5	1.75E-06	µCi/mL	GP	EPIA-002
2	Tritium	5.90E-04±1.16E-05			5	1.78E-06	µCi/mL	GP	EPIA-002

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 64.56 ft (19.68 m) below TOC
Water elevation: 211.34 ft (64.42 m) msl
pH: 3.5
Sp. conductance: 448 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 8:40
Water temperature: 19.1°C
Air temperature: 13.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	14,500				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.713	U	V		2.00	µg/L	GE	EPA6020

Well FSB 92D collected on 10/06/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	138				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	1.17				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	6.02				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.71	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	4.71				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	12.3				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	39.1				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.892	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	5.45				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	41,300				1,250	µg/L	GE	EPA353.1
1	pH	3.63	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.398	U	V		1.00	µg/L	GE	EPA6020
1	Specific conductance	423				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.692				0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	19.4				10.0	µg/L	GE	EPA6020
2	Gross alpha	4.99E-07±1.91E-08				1.73E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.62E-07±1.50E-08				2.91E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.95E-04±1.36E-05				1.85E-06	µCi/mL	GP	EPIA-002

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99
Depth to water: 64.46 ft (19.65 m) below TOC
Water elevation: 211.44 ft (64.45 m) msl
pH: 3.7
Sp. conductance: 347 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 26 gal

Time: 11:06
Water temperature: 19°C
Air temperature: 21.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<0.988	U	V		5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethylene	<2.00	U			2.00	µg/L	GE	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	1.42	J	IK	O	5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 69.42 ft (21.16 m) below TOC
Water elevation: 206.78 ft (63.03 m) msl
pH: 5
Sp. conductance: 182 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 119 gal

Time: 14:20
Water temperature: 20.4°C
Air temperature: 25.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	38.9				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.83	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	31.7				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.865				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.846	J	I		1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.43	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	1.46				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	2.79				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.780	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	5.02				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	19,300				1,250	µg/L	GE	EPA353.1
0	pH	5.15	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	181				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	49.1				10.0	µg/L	GE	EPA6020
0	Gross alpha	2.99E-09±9.80E-10	J	I		1.09E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4.17E-08±2.13E-09				1.33E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.31E-04±8.45E-06				1.36E-06	µCi/mL	GP	EPIA-002

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 66.65 ft (20.32 m) below TOC
Water elevation: 209.45 ft (63.84 m) msl
pH: 3.8
Sp. conductance: 538 µS/cm
Turbidity: 1 NTU

Time: 10:25
Water temperature: 18.3°C
Air temperature: 8.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	16,800				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	222				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	1.40				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	13.2				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.87	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	7.16				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	21.8				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	40.9				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.74				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	11.0				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	57,800	J	Q		1,250	µg/L	GE	EPA353.1
1	pH	3.89	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	9.19				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	549				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.162	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	37.0				10.0	µg/L	GE	EPA6020
2	Gross alpha	1.30E-07±6.58E-09				1.48E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.57E-06±1.20E-08				1.26E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.37E-03±2.66E-05				2.70E-06	µCi/mL	GP	EPIA-002

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 74.51 ft (22.71 m) below TOC
Water elevation: 206.59 ft (62.97 m) msl
pH: 10.1
Sp. conductance: 2,232 µS/cm
Turbidity: 5 NTU

Time: 12:15
Water temperature: 21.3°C
Air temperature: 21.8°C
Total alkalinity (as CaCO3): 97 mg/L
Phenolphthalein alkalinity: 53 mg/L
Field Qualifier(s): VXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	17,800				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.298	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.49	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	868				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.941				0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	3.89				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<0.779	U	V		3.00	µg/L	GE	EPA6020
2	Cobalt, total recoverable	101				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	12.6				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	584	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.667	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	28.4				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	266,000	J	Q		5,000	µg/L	GE	EPA353.1
2	pH	11.1	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	9.59				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	2,340				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.648				0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	37.5				10.0	µg/L	GE	EPA6020
2	Gross alpha	6.25E-08±7.23E-09				5.11E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.56E-06±2.14E-08				8.54E-09	µCi/mL	GP	EPIA-001
2	Tritium	8.66E-03±1.60E-04				7.67E-06	µCi/mL	GP	EPIA-002

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 76.66 ft (23.37 m) below TOC
Water elevation: 204.44 ft (62.31 m) msl
pH: 3.9
Sp. conductance: 2,248 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:15
Water temperature: 18.2°C
Air temperature: 10.1°C
Total alkalinity (as CaCO3): 11 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	72,100	J	L	I	50.0	µg/L	GE	EPA6010B
1	Iron, total recoverable	279				50.0	µg/L	GE	EPA6010B
0	Sulfide	680	J	ILQ	CI	1,000	µg/L	GE	EPA9034
0	Sulfide	480	J	ILQ	CI	1,000	µg/L	GE	EPA9034
0	Tin, total recoverable	0.344	J	IV		2.00	µg/L	GE	EPA6020

WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 72.46 ft (22.09 m) below TOC
Water elevation: 208.04 ft (63.41 m) msl
pH: 3.7
Sp. conductance: 496 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 58 gal

Time: 12:04
Water temperature: 20.7°C
Air temperature: 21.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	13,000				15.0	µg/L	GE	EPA6020
2	Aluminum, total recoverable	14,500	J	K	I	146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020

Well FSB 94DR collected on 10/26/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Arsenic, total recoverable	1.03	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	277				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.606				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.79				1.00	µg/L	GE	EPA6020
0	Calcium, total recoverable	808				471	µg/L	WA	EPA6010B
0	Chloride	1,890				210	µg/L	WA	EPA9056
0	Chromium, total recoverable	<2.08	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	16.2				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	25.6				1.00	µg/L	GE	EPA6020
0	Fluoride	193	J	QV		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	55.9	J	K	C	25.0	µg/L	GE	EPA6020
0	Iron, total recoverable	55.4	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	1.97	J	I		2.00	µg/L	GE	EPA6020
0	Lithium, total recoverable	5.40				2.70	µg/L	WA	EPA6010B
0	Nickel, total recoverable	9.70				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	50,500	J	Q		2,500	µg/L	GE	EPA353.1
1	pH	3.46	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silica, total recoverable	75,700				1,480	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	531				1.00	µS/cm	GE	EPA9050A
0	Sulfate	8,520			X	340	µg/L	WA	EPA9056
0	Thallium, total recoverable	<0.119	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Total dissolved solids	269,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	262,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	533	J			1,000	µg/L	WA	EPA9060
0	Total phosphates (as P)	25.7	J			67.0	µg/L	WA	EPA365.2
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	30.2				10.0	µg/L	GE	EPA6020
2	Gross alpha	6.63E-07±1.57E-08				1.08E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	7.08E-07±1.89E-08				9.89E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.75E-07±7.32E-09				1.16E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.57E-07±9.16E-09				1.49E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.81E-03±3.54E-05				3.19E-06	µCi/mL	GP	EPIA-002

WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 80.25 ft (24.46 m) below TOC
Water elevation: 203.75 ft (62.1 m) msl
pH: 4
Sp. conductance: 1,920 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 83 gal

Time: 11:00
Water temperature: 20.2°C
Air temperature: 17.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	53,800				75.0	µg/L	GE	EPA6020
2	Aluminum, total recoverable	44,100				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	4.28				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	992				2.00	µg/L	GE	EPA6020
2	Beryllium, total recoverable	13.5				0.200	µg/L	GE	EPA6020
2	Beryllium, total recoverable	10.4				1.60	µg/L	WA	EPA6010B
2	Cadmium, total recoverable	21.7				1.00	µg/L	GE	EPA6020
2	Cadmium, total recoverable	12.9				4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<1.39	U	V		3.00	µg/L	GE	EPA6020
2	Cobalt, total recoverable	466				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	51.3				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	219	J	K	C	25.0	µg/L	GE	EPA6020
0	Iron, total recoverable	20.8	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	0.491	J	I		2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
1	Nickel, total recoverable	98.7				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	259,000	J	Q		5,000	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	256,000	J	QV		10,000	µg/L	WA	EPA353.2
2	Nitrate-nitrite as nitrogen	260,000	J	QV		10,000	µg/L	WA	EPA353.2
1	pH	3.78	J	Q		0.100	pH	GE	EPA9040B
1	pH	3.77	J	Q		0.100	pH	WA	EPA9040B
1	Selenium, total recoverable	42.7				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	2,100				1.00	µS/cm	GE	EPA9050A
2	Specific conductance	2,100				1.00	µS/cm	GE	EPA9050A

Well FSB 95CR collected on 10/26/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Specific conductance	1,920	J	Q		8.90	µS/cm	WA	EPA9050A
2	Specific conductance	1,930	J	Q		8.90	µS/cm	WA	EPA9050A
0	Thallium, total recoverable	0.732				0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	195				10.0	µg/L	GE	EPA6020
2	Gross alpha	6.81E-07±1.31E-08				1.76E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	9.25E-07±1.97E-08				4.00E-09	µCi/mL	TM	EPA900.0M
2	Gross alpha	9.68E-07±2.02E-08				4.00E-09	µCi/mL	TM	EPA900.0M
2	Nonvolatile beta	1.89E-06±1.18E-08				2.15E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.65E-06±1.03E-08				1.39E-09	µCi/mL	TM	EPA900.0M
2	Nonvolatile beta	1.86E-06±1.13E-08				1.50E-09	µCi/mL	TM	EPA900.0M
2	Tritium	8.59E-03±1.58E-04				7.60E-06	µCi/mL	GP	EPIA-002
2	Tritium	8.38E-03±1.44E-04				3.12E-05	µCi/mL	TM	EPA906.0M
2	Tritium	8.61E-03±1.47E-04				3.18E-05	µCi/mL	TM	EPA906.0M

WELL FSB 95CR Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 80.25 ft (24.46 m) below TOC
Water elevation: 203.75 ft (62.1 m) msl
pH: 4
Sp. conductance: 1,920 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 83 gal

Time: 11:00
Water temperature: 20.2°C
Air temperature: 17.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	53,200				75.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	4.58				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	985				2.00	µg/L	GE	EPA6020
2	Beryllium, total recoverable	13.5			6	0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	21.4				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.26	U	V		3.00	µg/L	GE	EPA6020
2	Cobalt, total recoverable	462				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	50.3				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	170	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.475	J	I		2.00	µg/L	GE	EPA6020
1	Nickel, total recoverable	98.0				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	253,000	J	Q		5,000	µg/L	GE	EPA353.1
0	pH	4.01	J	Q		0.100	pH	GE	EPA9040B
1	Selenium, total recoverable	41.9				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	1,880				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.721				0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	189				10.0	µg/L	GE	EPA6020
2	Gross alpha	8.07E-07±1.45E-08				2.01E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	8.64E-07±1.42E-08				1.32E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.92E-06±1.21E-08				2.03E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.98E-06±1.21E-08				1.97E-09	µCi/mL	GP	EPIA-001
2	Tritium	8.19E-03±1.55E-04				7.67E-06	µCi/mL	GP	EPIA-002

WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99
Depth to water: 80.79 ft (24.63 m) below TOC
Water elevation: 203.21 ft (61.94 m) msl
pH: 3.7
Sp. conductance: 1,995 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 107 gal

Time: 10:17
Water temperature: 17.9°C
Air temperature: 28.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<2.09	U	V		5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

Well FSB 95CR collected on 12/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethylene	<2.00	U			2.00	µg/L	GE	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL FSB 95CR Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99
Depth to water: 80.79 ft (24.63 m) below TOC
Water elevation: 203.21 ft (61.94 m) msl
pH: 3.7
Sp. conductance: 1,995 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 107 gal

Time: 10:17
Water temperature: 17.9°C
Air temperature: 28.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<3.05	U	V		5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethylene	<2.00	U			2.00	µg/L	GE	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B

Well FSB 95CR collected on 12/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 75.9 ft (23.13 m) below TOC
Water elevation: 208.2 ft (63.46 m) msl
pH: 3.7
Sp. conductance: 1,079 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 48 gal

Time: 10:45
Water temperature: 20.3°C
Air temperature: 16°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	20,300				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	257				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.688				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.12				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.60	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	11.7				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	27.8				1.00	µg/L	GE	EPA6020
0	Fluoride	166	J	QV		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	75.7	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	12.0				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	13.8				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	102,000	J	Q		5,000	µg/L	GE	EPA353.1
1	pH	3.29	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	955				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.271	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Total organic carbon	859	J	I		1,000	µg/L	WA	EPA9060
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	38.7				10.0	µg/L	GE	EPA6020
2	Gross alpha	7.11E-07±2.72E-08				2.59E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	8.45E-07±1.62E-08				3.36E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.19E-03±6.12E-05				4.35E-06	µCi/mL	GP	EPIA-002

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99
Depth to water: 76.07 ft (23.19 m) below TOC
Water elevation: 208.03 ft (63.41 m) msl
pH: 3.2
Sp. conductance: 990 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 48 gal

Time: 10:04
Water temperature: 18.9°C
Air temperature: 11.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sulfide	<875	JU	LQV	CI	1,000	µg/L	GE	EPA9034

WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 128.65 ft (39.21 m) below TOC
Water elevation: 152.55 ft (46.5 m) msl
pH: 7.7
Sp. conductance: 165 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 122 gal

Time: 15:14
Water temperature: 20.5°C
Air temperature: 24.7°C
Total alkalinity (as CaCO3): 79 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.73	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	39.8				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.58	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	0.906	J	I		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	45.5				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,870				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,860				50.0	µg/L	GE	EPA353.1
0	pH	7.33	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	168				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.08E-09±6.02E-10	J	I		7.58E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.81E-09±8.74E-10				1.22E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.19E-05±9.27E-07				6.39E-07	µCi/mL	GP	EPIA-002

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 134.53 ft (41.01 m) below TOC
Water elevation: 151.57 ft (46.2 m) msl
pH: 7.4
Sp. conductance: 276 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 109 gal

Time: 9:57
Water temperature: 20.3°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 71 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.179	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.56	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	43.5				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.71	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<0.297	JU	I	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	85.1				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	14,300				1,250	µg/L	GE	EPA353.1
0	pH	7.03	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
1	Specific conductance	306				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	304				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0990	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	5.50	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.45E-09±7.51E-10	J	I		9.64E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.36E-08±1.27E-09				1.16E-09	µCi/mL	GP	EPIA-001

Well FSB 97A collected on 10/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	4.11E-04±8.08E-06				1.35E-06	µCi/mL	GP	EPIA-002

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99
Depth to water: 134.7 ft (41.06 m) below TOC
Water elevation: 151.4 ft (46.15 m) msl
pH: 6.4
Sp. conductance: 282 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 104 gal

Time: 10:06
Water temperature: 20.1°C
Air temperature: 17°C
Total alkalinity (as CaCO3): 72 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sulfide	<1,000	JU	LQ	CI	1,000	µg/L	GE	EPA9034
0	Sulfide	580	J	ILQ	CI	1,000	µg/L	GE	EPA9034

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 79.08 ft (24.1 m) below TOC
Water elevation: 207.02 ft (63.1 m) msl
pH: 4
Sp. conductance: 683 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 71 gal

Time: 10:02
Water temperature: 20.8°C
Air temperature: 15.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	16,200				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.286	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.05	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	151				2.00	µg/L	GE	EPA6020
2	Beryllium, total recoverable	4.35				0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	4.06				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.74	U	V		3.00	µg/L	GE	EPA6020
1	Cobalt, total recoverable	81.2				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	25.9				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	81.7	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.61				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	24.4				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	70,000	J	Q		2,500	µg/L	GE	EPA353.1
1	pH	3.92	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	9.98				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	634				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.149	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	57.5				10.0	µg/L	GE	EPA6020
2	Gross alpha	2.63E-07±9.58E-09				1.06E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.56E-07±6.46E-09				1.25E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.40E-03±4.69E-05				3.75E-06	µCi/mL	GP	EPIA-002

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 76.2 ft (23.23 m) below TOC
Water elevation: 209.8 ft (63.95 m) msl
pH: 4.1
Sp. conductance: 526 µS/cm
Turbidity: 12 NTU

Time: 9:30
Water temperature: 20.1°C
Air temperature: 12.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

Well FSB 97D collected on 10/26/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	13,100				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	330				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	1.03				0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	4.54				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	11.7				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	18.3				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	27.9				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	597	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	22.4				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	21.5				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	61,000	J	Q		2,500	µg/L	GE	EPA353.1
0	pH	4.00	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	3.91	J	I		5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	543				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	52.9				10.0	µg/L	GE	EPA6020
2	Gross alpha	6.51E-07±1.68E-08				1.08E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	6.51E-07±1.95E-08				1.74E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.04E-07±8.29E-09				1.23E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.45E-07±9.85E-09				1.58E-09	µCi/mL	GP	EPIA-001
2	Tritium	9.29E-04±1.81E-05				2.17E-06	µCi/mL	GP	EPIA-002

WELL FSB 98AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 133 ft (40.54 m) below TOC
Water elevation: 151 ft (46.03 m) msl
pH: 7.5
Sp. conductance: 149 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 123 gal

Time: 8:55
Water temperature: 19.9°C
Air temperature: 15.2°C
Total alkalinity (as CaCO3): 71 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.177	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	3.76				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	39.5				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	3.37				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	1.24				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	67.6				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,820				100	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	2,820				100	µg/L	GE	EPA353.1
0	pH	7.30	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	168				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0860	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	6.39	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	5.86E-10±4.86E-10	U			8.06E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.65E-09±1.03E-09				1.43E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.71E-05±1.17E-06				5.97E-07	µCi/mL	GP	EPIA-002

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 75.99 ft (23.16 m) below TOC
Water elevation: 208.51 ft (63.55 m) msl
pH: 3.6
Sp. conductance: 672 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 91 gal

Time: 10:37
Water temperature: 20.4°C
Air temperature: 20.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	23,600				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	3.77				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	192				2.00	µg/L	GE	EPA6020
1	Beryllium, total recoverable	2.60				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	7.10				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.03	U	V		3.00	µg/L	GE	EPA6020
2	Cobalt, total recoverable	150				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	26.6				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	17.4	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	24.4				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	68,000				1,250	µg/L	GE	EPA353.1
1	pH	3.45	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	21.1				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	640				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	45.9				10.0	µg/L	GE	EPA6020
2	Gross alpha	5.68E-07±2.24E-08				3.08E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.94E-07±1.43E-08				3.04E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.82E-03±5.47E-05				3.98E-06	µCi/mL	GP	EPIA-002

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 72.71 ft (22.16 m) below TOC
Water elevation: 211.79 ft (64.55 m) msl
pH: 3.7
Sp. conductance: 312 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 17 gal

Time: 9:38
Water temperature: 21.4°C
Air temperature: 19°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	10,500				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.45	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	161				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.605				0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	4.77				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<4.08	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	10.4				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	15.1				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	75.6				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	1.61	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	7.73				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	27,300				1,250	µg/L	GE	EPA353.1
1	pH	3.61	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
1	Specific conductance	298				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	21.4				10.0	µg/L	GE	EPA6020
2	Gross alpha	2.62E-07±1.42E-08				2.93E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.44E-07±1.23E-08				3.58E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.33E-04±2.66E-06				7.51E-07	µCi/mL	GP	EPIA-002

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 72.82 ft (22.2 m) below TOC
Water elevation: 214.78 ft (65.47 m) msl
pH: 7
Sp. conductance: 155 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 1851 gal

Time: 15:10
Water temperature: 21.8°C
Air temperature: 24°C
Total alkalinity (as CaCO3): 52 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.358	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.68	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	25.0				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.81	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<0.305	JU	I	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	25.3				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	4,550				250	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	4,550				250	µg/L	GE	EPA353.1
0	pH	6.93	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.358	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	146				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0240	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.13E-09±5.71E-10	J	I		7.22E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.76E-09±7.38E-10	J	I		1.39E-09	µCi/mL	GP	EPIA-001
2	Tritium	9.70E-05±1.94E-06				6.35E-07	µCi/mL	GP	EPIA-002

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 77.21 ft (23.53 m) below TOC
Water elevation: 210.49 ft (64.16 m) msl
pH: 5.1
Sp. conductance: 224 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 104 gal

Time: 12:12
Water temperature: 19.9°C
Air temperature: 26.3°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	79.2				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.14	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	45.1				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.203				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.03				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.31	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	2.55				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	2.16				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	31.0				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	1.41	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.19				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	22,800				1,250	µg/L	GE	EPA353.1
0	pH	5.42	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.42	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	214				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	18.2				10.0	µg/L	GE	EPA6020
2	Gross alpha	3.26E-08±5.54E-09				2.05E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.04E-08±4.75E-09				2.97E-09	µCi/mL	GP	EPIA-001

Well FSB 99C collected on 10/06/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	4.31E-04±8.48E-06				1.38E-06	µCi/mL	GP	EPIA-002

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 72.82 ft (22.2 m) below TOC
Water elevation: 214.78 ft (65.47 m) msl
pH: 5.3
Sp. conductance: 33 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 57 gal

Time: 9:03
Water temperature: 19.4°C
Air temperature: 15.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	148				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.13	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	8.09				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0790	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	1.93	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.0710	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	10.6				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	37.8				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	6.07				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	0.848	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,550				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,560				50.0	µg/L	GE	EPA353.1
0	pH	4.62	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	35.1				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	8.91	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	24.9				10.0	µg/L	GE	EPA6020
1	Gross alpha	9.87E-09±1.49E-09				5.94E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.31E-08±1.26E-09				1.21E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.45E-05±7.72E-07				5.92E-07	µCi/mL	GP	EPIA-002

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 135.09 ft (41.18 m) below TOC
Water elevation: 150.91 ft (46 m) msl
pH: 7.1
Sp. conductance: 161 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 95 gal

Time: 9:17
Water temperature: 20.8°C
Air temperature: 24.8°C
Total alkalinity (as CaCO3): 63 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	18.8				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.211	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.57	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	38.9				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.60	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<0.330	JU	I	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	51.8	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	3,480				150	µg/L	GE	EPA353.1
0	pH	7.25	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.25	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	172				1.00	µS/cm	GE	EPA9050A

Well FSB105C collected on 10/05/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	4.14E-03±8.06E-05				5.05E-06	µCi/mL	GP	EPIA-002

WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 75.98 ft (23.16 m) below TOC
Water elevation: 209.62 ft (63.89 m) msl
pH: 3.9
Sp. conductance: 63 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 38 gal

Time: 10:40
Water temperature: 21°C
Air temperature: 26.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	414				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.44	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	45.2				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.122	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.28	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	2.55				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	4.58				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	17.0	J	IK	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.426	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	0.793	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	4,410				150	µg/L	GE	EPA353.1
0	pH	4.08	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	68.2				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.263	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<6.60	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.18E-09±7.95E-10	U			1.21E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.23E-09±9.79E-10	J	K	C	1.52E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.10E-05±1.21E-06				5.42E-07	µCi/mL	GP	EPIA-002

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 35.9 ft (10.94 m) below TOC
Water elevation: 199.2 ft (60.72 m) msl
pH: 5.5
Sp. conductance: 649 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 78 gal

Time: 9:05
Water temperature: 17.9°C
Air temperature: 10°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,470				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	3.58				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	140				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	1.47				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	9.60				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.77	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	41.8				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	3.72				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	92.2				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	12.1				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	74,000				2,500	µg/L	GE	EPA353.1
0	pH	5.52	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	22.0				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	604				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0430	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020

Well FSB106C collected on 10/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Vanadium, total recoverable	3.89	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	27.6				10.0	µg/L	GE	EPA6020
2	Gross alpha	2.33E-08±2.47E-09				1.17E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	2.14E-08±2.38E-09				1.17E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.19E-07±6.90E-09				1.40E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.85E-07±6.68E-09				1.66E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.04E-03±2.02E-05				2.21E-06	µCi/mL	GP	EPIA-002

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/15/99
Depth to water: 59.82 ft (18.23 m) below TOC
Water elevation: 211.08 ft (64.34 m) msl
pH: 6.6
Sp. conductance: 144 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 113 gal

Time: 13:25
Water temperature: 19.8°C
Air temperature: 23.6°C
Total alkalinity (as CaCO3): 53 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	65.0				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.367	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.91	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	20.7				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0590	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.50	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	1.17				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	144				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	4,680				100	µg/L	GE	EPA353.1
0	pH	6.65	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	157				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0500	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	4.80	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	2.44E-09±9.11E-10	U	V		9.10E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.18E-08±1.46E-09				1.08E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.87E-05±1.50E-06				5.94E-07	µCi/mL	GP	EPIA-002

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 57.05 ft (17.39 m) below TOC
Water elevation: 213.95 ft (65.21 m) msl
pH: 3.8
Sp. conductance: 344 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 22 gal

Time: 9:29
Water temperature: 18.7°C
Air temperature: 14.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	4,400				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.35	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	71.7				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.425				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.43				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.42	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	5.61				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	8.44				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	14.9	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.651	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	4.35				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	34,800				1,250	µg/L	GE	EPA353.1

Well FSB107D collected on 10/06/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	pH	3.75	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	3.37	J	I		5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
1	Specific conductance	379				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	376				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	7.38	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	17.3				10.0	µg/L	GE	EPA6020
2	Gross alpha	2.06E-07±7.45E-09				1.15E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.34E-07±5.39E-09				1.03E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.05E-03±2.05E-05				2.26E-06	µCi/mL	GP	EPIA-002

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 80.04 ft (24.4 m) below TOC
Water elevation: 217.96 ft (66.44 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 8 gal

Time: 11:10
Water temperature: Not available
Air temperature: 28°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.17E-09±4.21E-10	J	I		5.57E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.68E-10±6.03E-10	U			9.89E-10	µCi/mL	GP	EPIA-001

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 80.04 ft (24.4 m) below TOC
Water elevation: 217.96 ft (66.44 m) msl
pH: 5.8
Sp. conductance: 28 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 14:19
Water temperature: 23°C
Air temperature: 29.6°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	121				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.160	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<1.72	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	12.5				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.0670	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.60	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	12.9				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	144	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	8.04				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.00	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	870				50.0	µg/L	GE	EPA353.1
0	pH	5.86	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	32.0				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<6.17	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	37.1				10.0	µg/L	GE	EPA6020
1	Gross alpha	1.30E-08±2.54E-09				1.85E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.67E-08±2.88E-09	J	K	C	1.66E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.18E-05±7.04E-07				5.48E-07	µCi/mL	GP	EPIA-002

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 77.12 ft (23.51 m) below TOC
Water elevation: 215.98 ft (65.83 m) msl
pH: 5.8
Sp. conductance: 36 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 28 gal

Time: 11:43
Water temperature: 21.4°C
Air temperature: 29°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	82.3				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.05	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	11.5				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.0260	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.77	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	12.6				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	97.3	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	4.01				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.52				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,790				50.0	µg/L	GE	EPA353.1
0	pH	5.94	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	42.0				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0370	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<6.57	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	181				10.0	µg/L	GE	EPA6020
0	Gross alpha	-5.14E-11±2.56E-10	U			6.69E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.57E-10±6.48E-10	U			1.41E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.54E-05±7.77E-07				5.37E-07	µCi/mL	GP	EPIA-002

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 36.39 ft (11.09 m) below TOC
Water elevation: 198.11 ft (60.38 m) msl
pH: 5.7
Sp. conductance: 547 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 110 gal

Time: 13:16
Water temperature: 20.5°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	46.2				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.145	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.04	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	133				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.941				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.79				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.25	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	0.606	J	I		1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	38.5				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	419				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	4.49				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	15.2				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	65,000				1,250	µg/L	GE	EPA353.1
0	pH	5.98	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	602				1.00	µS/cm	GE	EPA9050A
2	Specific conductance	604				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.213	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	132				10.0	µg/L	GE	EPA6020
0	Gross alpha	5.90E-09±1.93E-09				1.52E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	5.63E-09±1.76E-09				1.67E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	9.56E-08±3.38E-09				1.33E-09	µCi/mL	GP	EPIA-001

Well FSB110C collected on 10/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Nonvolatile beta	9.74E-08±3.39E-09				1.32E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.25E-03±2.44E-05				2.60E-06	µCi/mL	GP	EPIA-002

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 32.86 ft (10.02 m) below TOC
Water elevation: 201.64 ft (61.46 m) msl
pH: 3.3
Sp. conductance: 955 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 22 gal

Time: 10:00
Water temperature: 19.3°C
Air temperature: 15.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	17,200				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.516	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.70	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	215				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.730				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	7.60				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	3.22				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	8.01				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	33.6				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	63.1				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.839	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	12.4				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	96,000				2,500	µg/L	GE	EPA353.1
1	pH	3.40	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	899				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.227	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	43.3				10.0	µg/L	GE	EPA6020
2	Gross alpha	8.17E-07±1.56E-08				3.00E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	9.56E-07±1.80E-08				1.91E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.13E-06±1.02E-08				1.79E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.12E-06±1.01E-08				1.75E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.41E-03±6.57E-05				4.57E-06	µCi/mL	GP	EPIA-002

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 63.87 ft (19.47 m) below TOC
Water elevation: 212.43 ft (64.75 m) msl
pH: 5.7
Sp. conductance: 54 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 92 gal

Time: 8:35
Water temperature: 19.2°C
Air temperature: 14.7°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.447	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	7.59				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.202				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.79	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.181	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	22.8	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.365	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,660				50.0	µg/L	GE	EPA353.1

Well FSB111C collected on 10/08/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	1,680				50.0	µg/L	GE	EPA353.1
0	pH	5.80	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	52.5				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0720	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	8.11E-10±5.60E-10	U			9.91E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.24E-10±6.12E-10	U			1.23E-09	µCi/mL	GP	EPIA-001
0	Tritium	6.14E-06±5.77E-07				6.23E-07	µCi/mL	GP	EPIA-002

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 60.93 ft (18.57 m) below TOC
Water elevation: 215.67 ft (65.74 m) msl
pH: 4.6
Sp. conductance: 466 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 22 gal

Time: 8:22
Water temperature: 19.6°C
Air temperature: 14.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	372				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.394	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	0.995	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	58.7				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.340				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.302	J	I		1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.15	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	4.38				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	74.4				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	90.9				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	8.67				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.45				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	46,500				1,250	µg/L	GE	EPA353.1
0	pH	4.75	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
1	Specific conductance	456				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0320	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	59.2				10.0	µg/L	GE	EPA6020
2	Gross alpha	1.92E-08±2.59E-09				1.26E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.82E-08±1.40E-09				1.28E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.28E-03±4.38E-05				3.68E-06	µCi/mL	GP	EPIA-002

WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 76.56 ft (23.34 m) below TOC
Water elevation: 152.54 ft (46.49 m) msl
pH: 6.8
Sp. conductance: 142 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 123 gal

Time: 15:19
Water temperature: 20.3°C
Air temperature: 29.2°C
Total alkalinity (as CaCO3): 46 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	12.3	J	I		15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.51	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	43.0				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.0200	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020

Well FSB1112A collected on 10/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chromium, total recoverable	<1.96	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	46.5	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,400				50.0	µg/L	GE	EPA353.1
0	pH	6.95	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	153				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<6.50	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.32E-09±6.02E-10	J	I		7.64E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.03E-09±6.99E-10	U			1.41E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.39E-05±1.50E-06				5.48E-07	µCi/mL	GP	EPIA-002

WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 31.1 ft (9.48 m) below TOC
Water elevation: 198 ft (60.35 m) msl
pH: 3.9
Sp. conductance: 1,752 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 100 gal

Time: 12:00
Water temperature: 19.4°C
Air temperature: 20.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	21,000				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	9.96				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	770				2.00	µg/L	GE	EPA6020
2	Beryllium, total recoverable	8.24				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	41.5				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<0.941	U	V		3.00	µg/L	GE	EPA6020
2	Cobalt, total recoverable	292				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	25.1				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	294				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<40.0	U			40.0	µg/L	GE	EPA6020
1	Nickel, total recoverable	91.6				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	178,000	J	Q		5,000	µg/L	GE	EPA353.1
0	pH	4.32	J	Q		0.100	pH	GE	EPA9040B
2	Selenium, total recoverable	50.8				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	1,570				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	162				10.0	µg/L	GE	EPA6020
2	Gross alpha	2.03E-07±8.96E-09				2.18E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.80E-06±1.48E-08				2.77E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.55E-03±1.21E-04				6.86E-06	µCi/mL	GP	EPIA-002

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 27.84 ft (8.49 m) below TOC
Water elevation: 201.76 ft (61.5 m) msl
pH: 4
Sp. conductance: 118 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 30 gal

Time: 11:50
Water temperature: 18.4°C
Air temperature: 20.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

Well FSB112D collected on 10/27/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	3,090				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.170	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.37	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	144				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.558				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.34				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	6.65				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	4.08				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	13.9				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	280	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	6.12				2.00	µg/L	GE	EPA6020
1	Nitrate-nitrite as nitrogen	8,000				1,250	µg/L	GE	EPA353.1
0	pH	4.14	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.15	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	4.55	J	I		5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	109				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.387	J	I		0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	9.07	J	I		10.0	µg/L	GE	EPA6020
2	Gross alpha	3.25E-08±2.80E-09				7.97E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.79E-07±5.59E-09				1.42E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.39E-04±2.77E-06				7.94E-07	µCi/mL	GP	EPIA-002

WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 63.51 ft (19.36 m) below TOC
Water elevation: 159.69 ft (48.67 m) msl
pH: 11.8
Sp. conductance: 2,260 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 14:14
Water temperature: 19°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 531 mg/L
Phenolphthalein alkalinity: 518 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,680				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.250	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.92	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	239				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.85	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.0800	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	156				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.577	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
1	Nitrate-nitrite as nitrogen	5,070				150	µg/L	GE	EPA353.1
2	pH	11.7	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	1,350				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<7.76	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	3.54E-09±1.14E-09				1.13E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.83E-09±9.92E-10				1.63E-09	µCi/mL	GP	EPIA-001
2	Tritium	9.22E-05±1.85E-06				6.40E-07	µCi/mL	GP	EPIA-002

WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 22.1 ft (6.74 m) below TOC
Water elevation: 200.8 ft (61.2 m) msl
pH: 7.5
Sp. conductance: 158 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:58
Water temperature: 19.8°C
Air temperature: 23°C
Total alkalinity (as CaCO3): 59 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	34.5				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.197	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.72	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	49.3				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0300	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.78	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.160	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<0.301	JU	I	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	50.5				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.19				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	4,380				150	µg/L	GE	EPA353.1
0	pH	7.18	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	177				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<4.23	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	4.60E-10±5.54E-10	U			1.03E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.52E-09±7.28E-10	J	I		1.22E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.71E-05±1.29E-06				6.10E-07	µCi/mL	GP	EPIA-002

WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 17.4 ft (5.3 m) below TOC
Water elevation: 205.1 ft (62.52 m) msl
pH: 5
Sp. conductance: 23 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 42 gal

Time: 10:18
Water temperature: 20°C
Air temperature: 20.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	47.5				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.47	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	4.82				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0310	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.44	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.110	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	6.80				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	39.0				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.777	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	1.52	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	520				50.0	µg/L	GE	EPA353.1
0	pH	4.91	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	23.0				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<9.79	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	6.10E-10±4.11E-10	U			6.58E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.22E-10±5.43E-10	U			1.20E-09	µCi/mL	GP	EPIA-001
0	Tritium	5.11E-06±5.45E-07				6.21E-07	µCi/mL	GP	EPIA-002

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 97.19 ft (29.62 m) below TOC
Water elevation: 154.81 ft (47.19 m) msl
pH: 7.8
Sp. conductance: 188 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 116 gal

Time: 9:40
Water temperature: 19.5°C
Air temperature: 17.3°C
Total alkalinity (as CaCO3): 73 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	35.5				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.326	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.43	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	36.8				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0180	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	3.20				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.0520	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	155				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,880				50.0	µg/L	GE	EPA353.1
0	pH	7.98	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	179				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0620	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.24E-09±6.87E-10	J	I		1.07E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.66E-10±6.59E-10	U			1.37E-09	µCi/mL	GP	EPIA-001
0	Tritium	9.37E-07±4.01E-07	J	I		6.28E-07	µCi/mL	GP	EPIA-002

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 39.07 ft (11.91 m) below TOC
Water elevation: 213.13 ft (64.96 m) msl
pH: 5.6
Sp conductance: 50 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 89 gal

Time: 9:17
Water temperature: 19.4°C
Air temperature: 16.1°C
Total alkalinity (as CaCO3): 7 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	94.2				15.0	µg/L	GE	EPA6020
2	Aluminum, total recoverable	215				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<0.327	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.41	U		6	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	9.16				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.221				0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<4.12	U		6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	0.426	J	I		1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	2.65				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	158				25.0	µg/L	GE	EPA6020
2	Iron, total recoverable	513				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	2.23				2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	1.07	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,920				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	2,040				100	µg/L	WA	EPA353.2
0	pH	5.69	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.84	J	Q		0.100	pH	WA	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	43.9				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	47.2				8.90	µS/cm	WA	EPA9050A

Well FSB114C collected on 10/08/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Specific conductance	47.2				8.90	µS/cm	WA	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	23.7				10.0	µg/L	GE	EPA6020
0	Gross alpha	9.47E-10±4.85E-10	U		6	6.83E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.30E-09±7.40E-10	U		6	1.01E-09	µCi/mL	TM	EPA900.0MOD
0	Gross alpha	1.01E-09±6.90E-10	U		6	9.90E-10	µCi/mL	TM	EPA900.0MOD
0	Nonvolatile beta	1.25E-09±6.33E-10	U		6	1.22E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.11E-09±9.40E-10	U		6	1.44E-09	µCi/mL	TM	EPA900.0MOD
0	Nonvolatile beta	1.24E-09±8.90E-10	U			1.43E-09	µCi/mL	TM	EPA900.0MOD
0	Tritium	2.05E-06±4.42E-07				6.22E-07	µCi/mL	GP	EPIA-002
0	Tritium	2.26E-06±4.40E-07				5.30E-07	µCi/mL	TM	EPA906.0MOD
0	Tritium	2.24E-06±4.50E-07				5.50E-07	µCi/mL	TM	EPA906.0MOD

FSB114C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 39.07 ft (11.91 m) below TOC
Water elevation: 213.13 ft (64.96 m) msl
pH: 5.6
Sp conductance: 50 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 89 gal

Time: 9:17
Water temperature: 19.4°C
Air temperature: 16.1°C
Total alkalinity (as CaCO3): 7 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	93.4				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	LT	0.234	U	V	2.00	µg/L	GE	EEPA6020
0	Arsenic, total recoverable	LT	2.39	U		6	3.00	µg/L	GEEPA6020
0	Barium, total recoverable	10.1				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.218				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	LT	1.00	U			1.00	µg/L	GEEPA6020
0	Chromium, total recoverable	LT	4.57	U		6	3.00	µg/L	GEEPA6020
0	Cobalt, total recoverable	0.413	J	I		1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	2.55				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	152				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.33				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	1.45	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,990				50.0	µg/L	GE	EPA353.1
0	pH	5.74	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	LT	5.00	U			5.00	µg/L	GEEPA6020
0	Silver, total recoverable	LT	1.00	U			1.00	µg/L	GEEPA6020
0	Specific conductance	43.4				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	LT	0.500	U			0.500	µg/L	GEEPA6020
0	Tin, total recoverable	LT	5.00	U			5.00	µg/L	GEEPA6020
0	Vanadium, total recoverable	LT	3.14	U		6	10.0	µg/L	GEEPA6020
0	Zinc, total recoverable	23.7				10.0	µg/L	GE	EPA6020
0	Gross alpha	9.40E-10±5.13E-10	U		6	7.66E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.13E-09±5.18E-10	U		6	6.82E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.45E-09±6.18E-10	U		6	1.14E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.30E-09±6.00E-10	U		6	1.13E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.27E-06±4.65E-07				6.48E-07	µCi/mL	GP	EPIA-002
0	Tritium	2.33E-06±4.57E-07				6.30E-07	µCi/mL	GP	EPIA-002

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 35.78 ft (10.91 m) below TOC
Water elevation: 216.42 ft (65.97 m) msl
pH: 4.7
Sp conductance: 43 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 41 gal

Time: 9:05
Water temperature: 18.8°C
Air temperature: 15.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	48.0				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	LT	0.292	U	V	2.00	µg/L	GEEPA6020	

Well FSB114D collected on 10/08/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Arsenic, total recoverable	1.62	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	10.9				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0440	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	LT	1.00	U			1.00	µg/L	GEEPA6020
0	Chromium, total recoverable	2.43	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	1.11				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	29.0				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	26.0				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	4.87				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	LT	2.00	U			2.00	µg/L	GEEPA6020
0	Nitrate-nitrite as nitrogen	1,840				50.0	µg/L	GE	EPA353.1
0	pH	4.97	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	LT	5.00	U			5.00	µg/L	GEEPA6020
0	Silver, total recoverable	LT	1.00	U			1.00	µg/L	GEEPA6020
0	Specific conductance	41.5				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	LT	0.500	U			0.500	µg/L	GEEPA6020
0	Tin, total recoverable	LT	5.00	U			5.00	µg/L	GEEPA6020
0	Vanadium, total recoverable	LT	10.0	U			10.0	µg/L	GEEPA6020
0	Zinc, total recoverable	21.2				10.0	µg/L	GE	EPA6020
0	Gross alpha	2.04E-09±6.10E-10				5.30E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.34E-09±6.42E-10	J	I		1.08E-09	µCi/mL	GP	EPIA-001
0	Tritium	7.06E-06±6.03E-07				6.22E-07	µCi/mL	GP	EPIA-002

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 23.59 ft (7.19 m) below TOC
Water elevation: 184.21 ft (56.15 m) msl
pH: 5.3
Sp conductance: 19 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 31 gal

Time: 10:37
Water temperature: 19.6°C
Air temperature: 18.9°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	24.7				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	LT	0.779	U	V	2.00	µg/L	GEEPA6020	
0	Arsenic, total recoverable	1.49	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	4.06				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0990	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	LT	1.00	U			1.00	µg/L	GEEPA6020
0	Chromium, total recoverable	3.42				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	LT	0.335	JU	I	4	1.00	µg/L	GEEPA6020
0	Copper, total recoverable	3.23				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	43.8				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	1.55	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	LT	2.00	U			2.00	µg/L	GEEPA6020
0	Nitrate-nitrite as nitrogen	590				50.0	µg/L	GE	EPA353.1
0	pH	5.59	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	LT	5.00	U			5.00	µg/L	GEEPA6020
0	Silver, total recoverable	LT	0.401	U	V		1.00	µg/L	GEEPA6020
0	Specific conductance	18.0				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	LT	0.500	U			0.500	µg/L	GEEPA6020
0	Tin, total recoverable	LT	5.00	U			5.00	µg/L	GEEPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	2.06E-10±2.18E-10	U			3.74E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.15E-10±2.77E-10	U			6.28E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.23E-10±4.86E-10	U			1.04E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.97E-10±5.49E-10	U			1.16E-09	µCi/mL	GP	EPIA-001
0	Tritium	6.79E-06±5.87E-07				6.10E-07	µCi/mL	GP	EPIA-002

WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 18.54 ft (5.65 m) below TOC
Water elevation: 189.96 ft (57.9 m) msl
pH: 4.9
Sp. conductance: 16 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 10:56
Water temperature: 21.8°C
Air temperature: 20°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	443				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.438	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.34	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	10.5				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0740	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	4.44				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	0.449	J	I		1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	29.4				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	456				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	5.47				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	1.22	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	270				50.0	µg/L	GE	EPA353.1
0	pH	5.15	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.316	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	14.0				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	3.76	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	31.4				10.0	µg/L	GE	EPA6020
0	Gross alpha	1.03E-09±4.95E-10	J	I		6.40E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.22E-09±6.56E-10	U			1.28E-09	µCi/mL	GP	EPIA-001
0	Tritium	5.74E-06±5.53E-07				6.04E-07	µCi/mL	GP	EPIA-002

WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 13.89 ft (4.23 m) below TOC
Water elevation: 188.61 ft (57.49 m) msl
pH: 4.9
Sp. conductance: 20 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 44 gal

Time: 11:30
Water temperature: 19°C
Air temperature: 21.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	33.0				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.497	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.20	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	5.09				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0520	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	6.05				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	0.891	J	I		1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	9.08				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	41.1				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.12				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.67				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	760				50.0	µg/L	GE	EPA353.1
0	pH	5.29	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.30	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	17.9				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	18.0				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020

Well FSB116C collected on 10/08/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Zinc, total recoverable	8.41	J	I		10.0	µg/L	GE	EPA6020
0	Gross alpha	3.12E-10±3.90E-10	U			7.52E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.61E-10±6.48E-10	U			1.35E-09	µCi/mL	GP	EPIA-001
0	Tritium	8.59E-06±6.33E-07				6.07E-07	µCi/mL	GP	EPIA-002

WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 12.2 ft (3.72 m) below TOC
Water elevation: 190.7 ft (58.13 m) msl
pH: 5.3
Sp. conductance: 29 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 12 gal

Time: 12:06
Water temperature: 26.5°C
Air temperature: 21.9°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	653				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.364	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.11	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	6.25				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0520	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	5.55				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	0.479	J	I		1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	41.4				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	846				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	8.87				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.92				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	510				50.0	µg/L	GE	EPA353.1
0	pH	5.30	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.34	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	27.5				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	27.5				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	3.41	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	57.0				10.0	µg/L	GE	EPA6020
0	Gross alpha	1.36E-09±5.42E-10	J	I		5.74E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.09E-10±5.59E-10	U			1.15E-09	µCi/mL	GP	EPIA-001
0	Tritium	7.95E-06±6.39E-07				6.42E-07	µCi/mL	GP	EPIA-002

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 29.33 ft (8.94 m) below TOC
Water elevation: 201.37 ft (61.38 m) msl
pH: 3.7
Sp. conductance: 192 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 9:00
Water temperature: 17°C
Air temperature: 3.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	3,250				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.23	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	46.6				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.262				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	2.03				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.24	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	3.53				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	6.51				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	111	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.481	J	I		2.00	µg/L	GE	EPA6020

Well FSB117D collected on 10/27/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nickel, total recoverable	3.22				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	15,800	J	Q		500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	15,800	J	Q		500	µg/L	GE	EPA353.1
1	pH	3.83	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	194				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	12.8				10.0	µg/L	GE	EPA6020
2	Gross alpha	1.95E-07±6.04E-09				1.29E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.03E-07±5.19E-09				1.19E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.13E-04±6.17E-06				1.21E-06	µCi/mL	GP	EPIA-002

WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 32.97 ft (10.05 m) below TOC
Water elevation: 210.33 ft (64.11 m) msl
pH: 5
Sp. conductance: 25 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 51 gal

Time: 12:47
Water temperature: 20.1°C
Air temperature: 28.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	69.2				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.50	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	9.24				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.0800	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.44	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.239	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	33.3				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	79.1	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	3.28				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	1.16	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	740				50.0	µg/L	GE	EPA353.1
0	pH	5.13	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	27.0				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<7.70	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	19.4				10.0	µg/L	GE	EPA6020
0	Gross alpha	8.72E-10±6.98E-10	U			1.11E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.16E-08±1.26E-09	J	K	C	1.19E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.86E-09±5.83E-10	J	I		9.05E-10	µCi/mL	GP	EPIA-001
0	Tritium	7.64E-06±5.96E-07				5.48E-07	µCi/mL	GP	EPIA-002

WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 48.27 ft (14.71 m) below TOC
Water elevation: 205.83 ft (62.74 m) msl
pH: 3.6
Sp. conductance: 743 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 9:40
Water temperature: 20°C
Air temperature: 5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	21,000				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	3.37				3.00	µg/L	GE	EPA6020

Well FSB119D collected on 10/27/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	223				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	1.10				0.200	µg/L	GE	EPA60201
	Cadmium, total recoverable	4.66				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	9.11				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	16.1				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	30.6				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	744	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	4.45				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	16.3				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	75,000	J	Q		2,500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	75,000	J	Q		2,500	µg/L	GE	EPA353.1
1	pH	3.47	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	9.50				5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	693				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.102	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	41.0				10.0	µg/L	GE	EPA6020
2	Gross alpha	9.38E-07±2.84E-08				2.49E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	9.87E-07±1.73E-08				3.17E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.82E-03±5.40E-05				4.05E-06	µCi/mL	GP	EPIA-002

WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 125.44 ft (38.23 m) below TOC
Water elevation: 154.66 ft (47.14 m) msl
pH: 11.5
Sp. conductance: 3,500 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:30
Water temperature: 22°C
Air temperature: 22.1°C
Total alkalinity (as CaCO3): 785 mg/L
Phenolphthalein alkalinity: 774 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	735				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.179	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	148				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.34	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.175	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<0.492	JU	I	4	1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	505				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	3.18				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.69				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	21,000				1,250	µg/L	GE	EPA353.1
2	pH	12.3	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	3,370				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0540	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	3.16E-09±1.10E-09	J	IK	C	1.26E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4.88E-08±2.34E-09				2.34E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.95E-04±9.71E-06				1.56E-06	µCi/mL	GP	EPIA-002

WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 75.92 ft (23.14 m) below TOC
Water elevation: 203.78 ft (62.11 m) msl
pH: 6.3
Sp. conductance: 292 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 91 gal

Time: 11:57
Water temperature: 19.7°C
Air temperature: 19°C
Total alkalinity (as CaCO3): 22 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well FSB120C collected on 10/13/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	57.3				15.0	µg/L	GE	EPA6020
2	Aluminum, total recoverable	76.1	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	95.7				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.880				0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.710	J	I		1.60	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	0.395	J	I		1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.620	J	I		4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<1.73	U		6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	4.08				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<43.1	U		6	25.0	µg/L	GE	EPA6020
0	Iron, total recoverable	70.9	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	5.06				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	27,800				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	27,800				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	31,400				1,000	µg/L	WA	EPA353.2
0	pH	6.58	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.73	J	Q		0.100	pH	WA	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
1	Specific conductance	312				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	287				8.90	µS/cm	WA	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	20.0				10.0	µg/L	GE	EPA6020
1	Gross alpha	8.27E-09±9.43E-10	J	K	C	6.81E-10	µCi/mL	GP	EPIA-001
1	Gross alpha	1.08E-08±2.25E-09				1.86E-09	µCi/mL	TM	EPA900.0M
1	Nonvolatile beta	3.67E-08±1.30E-09				1.02E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4.58E-08±2.45E-09				1.55E-09	µCi/mL	TM	EPA900.0M
2	Tritium	7.16E-04±1.40E-05				1.90E-06	µCi/mL	GP	EPIA-002
2	Tritium	7.66E-04±6.39E-06				6.50E-07	µCi/mL	TM	EPA906.0M

WELL FSB120C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 75.92 ft (23.14 m) below TOC
Water elevation: 203.78 ft (62.11 m) msl
pH: 6.3
Sp. conductance: 292 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 91 gal

Time: 11:57
Water temperature: 19.7°C
Air temperature: 19°C
Total alkalinity (as CaCO3): 22 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	58.2				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.162	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	95.3				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.929				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.383	J	I		1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.61	U		6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	4.11				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<0.272	JU	I	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<44.6	U		6	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	4.85				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	26,800				1,250	µg/L	GE	EPA353.1
0	pH	6.66	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
1	Specific conductance	311				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020

Well FSB120C collected on 10/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Zinc, total recoverable	19.8				10.0	µg/L	GE	EPA6020
1	Gross alpha	1.35E-08±2.59E-09	J	K	C	1.25E-09	µCi/mL	GP	EPIA-001
1	Gross alpha	1.38E-08±2.81E-09	J	K	C	1.81E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.88E-08±2.21E-09				1.28E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.60E-08±2.16E-09				1.31E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.89E-04±1.35E-05				1.76E-06	µCi/mL	GP	EPIA-002

WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 72.69 ft (22.16 m) below TOC
Water elevation: 207.81 ft (63.34 m) msl
pH: 9.3
Sp. conductance: 34 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:45
Water temperature: 22.8°C
Air temperature: 21.7°C
Total alkalinity (as CaCO3): 15 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	106				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	40.8				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0290	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	13.6				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	4.06				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	239				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.27				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	5.88				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<80.0	U	V		50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<80.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.36	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	33.0				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	36.4				10.0	µg/L	GE	EPA6020
0	Gross alpha	1.16E-09±6.09E-10	J	IK	C	7.97E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.46E-10±6.59E-10	U			1.37E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.43E-05±7.98E-07				6.36E-07	µCi/mL	GP	EPIA-002

WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/15/99
Depth to water: 54.97 ft (16.76 m) below TOC
Water elevation: 201.53 ft (61.43 m) msl
pH: 6
Sp. conductance: 47 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 84 gal

Time: 12:22
Water temperature: 19.9°C
Air temperature: 22°C
Total alkalinity (as CaCO3): 19 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	14.2	J	I		15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.157	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	3.84				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	38.4				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.223				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	3.85				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.274	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	0.789	J	I		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	25.8				25.0	µg/L	GE	EPA6020

Well FSB121C collected on 10/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead, total recoverable	0.502	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.07				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,820				50.0	µg/L	GE	EPA353.1
0	pH	6.20	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	54.1				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0360	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	8.20	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	17.2				10.0	µg/L	GE	EPA6020
0	Gross alpha	1.45E-09±6.60E-10	U	V		9.73E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.53E-09±7.17E-10				1.05E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.60E-05±1.59E-06				6.88E-07	µCi/mL	GP	EPIA-002

WELL FSB121DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/15/99
Depth to water: 50.79 ft (15.48 m) below TOC
Water elevation: 204.71 ft (62.4 m) msl
pH: 4.4
Sp. conductance: 41 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 37 gal

Time: 11:56
Water temperature: 19.1°C
Air temperature: 21.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	669				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	3.20				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	22.6				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.373				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.354	J	I		1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	1.57	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	2.15				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	3.51				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	22.1	J	I		25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	7.45				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	1.48	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	3,080				100	µg/L	GE	EPA353.1
0	pH	4.37	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	2.16	J	I		5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	44.6				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	6.82	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	11.3				10.0	µg/L	GE	EPA6020
1	Gross alpha	8.49E-09±1.30E-09				9.90E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.65E-08±1.82E-09				1.16E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.21E-05±7.00E-07				5.95E-07	µCi/mL	GP	EPIA-002

WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 21.11 ft (6.43 m) below TOC
Water elevation: 196.89 ft (60.01 m) msl
pH: 4.5
Sp. conductance: 489 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 67 gal

Time: 12:10
Water temperature: 19.2°C
Air temperature: 28.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	571				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.17	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	163				2.00	µg/L	GE	EPA6020

Well FSB122C collected on 10/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Beryllium, total recoverable	2.72				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.11				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.21	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	16.2				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	1.11				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	81.0	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	16.6				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	52,800				1,250	µg/L	GE	EPA353.1
0	pH	4.48	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
1	Specific conductance	493				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<6.35	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	64.6				10.0	µg/L	GE	EPA6020
0	Gross alpha	1.06E-09±6.47E-10	U			1.08E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.47E-09±7.54E-10	J	IK	C	1.47E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.45E-03±2.82E-05				2.49E-06	µCi/mL	GP	EPIA-002

WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 17.35 ft (5.29 m) below TOC
Water elevation: 200.25 ft (61.04 m) msl
pH: 4.8
Sp. conductance: 225 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 53 gal

Time: 12:01
Water temperature: 19.8°C
Air temperature: 28.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	324				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.649	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.10	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	94.8				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.468				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.90	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	2.42				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	1.49				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	153	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.41				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.84				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	20,400				500	µg/L	GE	EPA353.1
0	pH	4.84	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	202				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<7.51	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	23.1				10.0	µg/L	GE	EPA6020
0	Gross alpha	1.56E-09±6.17E-10	J	I		5.11E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.95E-09±7.57E-10	J	K	C	1.14E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.90E-04±9.63E-06				1.37E-06	µCi/mL	GP	EPIA-002

WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 28.58 ft (8.71 m) below TOC
Water elevation: 209.52 ft (63.86 m) msl
pH: 5.7
Sp. conductance: 65 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 88 gal

Time: 12:55
Water temperature: 19.3°C
Air temperature: 28.6°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well FSB123C collected on 10/11/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.189	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.83	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	11.5				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.127	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.51	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,700				50.0	µg/L	GE	EPA353.1
0	pH	6.01	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	68.5				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<9.18	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	9.80	J	I		10.0	µg/L	GE	EPA6020
0	Gross alpha	1.11E-09±5.61E-10	J	I		7.51E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.60E-10±6.00E-10	U			1.20E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.56E-06±4.25E-07	U	V		5.42E-07	µCi/mL	GP	EPIA-002

WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 27.22 ft (8.3 m) below TOC
Water elevation: 210.88 ft (64.28 m) msl
pH: 4.7
Sp. conductance: 41 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 35 gal

Time: 12:43
Water temperature: 19.7°C
Air temperature: 28.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	35.7				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.25	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	9.45				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.0490	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.87	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.215	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	5.09				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	42.9	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.06				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,490				50.0	µg/L	GE	EPA353.1
0	pH	5.12	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	41.5				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<7.28	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.10E-10±3.06E-10	U			5.64E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.98E-09±7.52E-10	J	IK	C	1.36E-09	µCi/mL	GP	EPIA-001
0	Tritium	7.70E-06±5.99E-07				5.50E-07	µCi/mL	GP	EPIA-002

WELL FSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 87.6 ft (26.7 m) below TOC
Water elevation: 223.2 ft (68.03 m) msl
pH: 4.7
Sp. conductance: 39 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:00
Water temperature: 23.9°C
Air temperature: 23.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	183				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.88	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	9.03				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	1.17				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.334	J	I		1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<5.33	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	2.91				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	4.06				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	107	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	7.04				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	5.06				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,200				50.0	µg/L	GE	EPA353.1
0	pH	5.31	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	39.8				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<7.03	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	15.7				10.0	µg/L	GE	EPA6020
0	Gross alpha	4.11E-09±1.19E-09				1.04E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	2.76E-08±1.91E-09	J	K	C	1.58E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.70E-05±8.11E-07				5.38E-07	µCi/mL	GP	EPIA-002

WELL FSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 81.81 ft (24.94 m) below TOC
Water elevation: 223.99 ft (68.27 m) msl
pH: 5.9
Sp. conductance: 61 µS/cm
Turbidity: 12 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 9:36
Water temperature: 21.8°C
Air temperature: 24°C
Total alkalinity (as CaCO3): 14 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	411				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.95	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	32.1				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.107	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<5.21	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	1.34				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	6.26				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	415	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.76				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	4.82				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	920				50.0	µg/L	GE	EPA353.1
0	pH	5.99	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	70.9				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<8.35	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	8.50	J	I		10.0	µg/L	GE	EPA6020
0	Gross alpha	1.83E-09±7.52E-10	J	I		7.18E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.22E-09±8.27E-10	J	K	C	1.31E-09	µCi/mL	GP	EPIA-001
0	Tritium	9.00E-06±6.35E-07				5.50E-07	µCi/mL	GP	EPIA-002

WELL FSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 80.54 ft (24.55 m) below TOC
Water elevation: 221.46 ft (67.5 m) msl
pH: 7.1
Sp. conductance: 251 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 5 gal

Time: 10:11
Water temperature: 24.1°C
Air temperature: 29.8°C
Total alkalinity (as CaCO3): 95 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	168				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.97	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	299				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.0390	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.69				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.58	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	1.04				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	316	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	2.04				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	0.810	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,160				50.0	µg/L	GE	EPA353.1
0	pH	7.36	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	242				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<4.41	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
1	Gross alpha	7.65E-09±1.70E-09				1.22E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.38E-09±9.59E-10	J	K	C	1.24E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.61E-05±1.15E-06				5.49E-07	µCi/mL	GP	EPIA-002

WELL FSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 72.1 ft (21.98 m) below TOC
Water elevation: 219.7 ft (66.97 m) msl
pH: 5.4
Sp. conductance: 206 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 11 gal

Time: 10:53
Water temperature: 24°C
Air temperature: 31.6°C
Total alkalinity (as CaCO3): 13 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	133				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.23	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	52.4				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.278				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.66	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	5.86				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	3.57				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	117	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.519	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	3.06				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	25,300				1,250	µg/L	GE	EPA353.1
0	pH	5.59	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
1	Specific conductance	277				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<7.73	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	7.94	J	I		10.0	µg/L	GE	EPA6020
1	Gross alpha	1.26E-08±2.72E-09				1.26E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.35E-07±7.01E-09	J	K	C	1.15E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.96E-04±9.73E-06				1.38E-06	µCi/mL	GP	EPIA-002

WELL FSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 67.2 ft (20.48 m) below TOC
Water elevation: 219 ft (66.75 m) msl
pH: 4.5
Sp. conductance: 1,330 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 8:28
Water temperature: 21.9°C
Air temperature: 21.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	777				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.171	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	88.2				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.306				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.60				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	3.67				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	12.7				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	6.84				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	56.3				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.508	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	6.45				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	154,000				5,000	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	157,000				5,000	µg/L	GE	EPA353.1
0	pH	4.50	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.51	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	2.24	J	I		5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	1,380				1.00	µS/cm	GE	EPA9050A
2	Specific conductance	1,370				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.857				0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	11.2				10.0	µg/L	GE	EPA6020
2	Gross alpha	4.37E-08±3.52E-09	J	K	C	2.31E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.32E-07±3.36E-09				2.02E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.68E-03±7.04E-05				4.31E-06	µCi/mL	GP	EPIA-002

WELL FSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 69.5 ft (21.18 m) below TOC
Water elevation: 218.1 ft (66.48 m) msl
pH: 4.4
Sp. conductance: 417 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 11:08
Water temperature: 21°C
Air temperature: 17.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,100				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	3.05				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	94.3				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.590				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	11.6				1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	3.98				3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	3.32				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	6.07				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	44.1				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.319	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	6.24				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	46,300				1,250	µg/L	GE	EPA353.1
0	pH	4.29	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	4.79	J	I		5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.349	JU	I	4	1.00	µg/L	GE	EPA6020
1	Specific conductance	443				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	7.58	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	11.9				10.0	µg/L	GE	EPA6020
2	Gross alpha	1.03E-07±5.85E-09				1.59E-09	µCi/mL	GP	EPIA-001

Well FSL 7D collected on 10/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Nonvolatile beta	1.04E-06±9.49E-09				1.31E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.70E-04±5.32E-06				1.08E-06	µCi/mL	GP	EPIA-002

WELL FSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 73.04 ft (22.26 m) below TOC
Water elevation: 217.76 ft (66.37 m) msl
pH: 5.1
Sp. conductance: 74 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 14:48
Water temperature: 20.7°C
Air temperature: 32.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	59.1				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.81	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	26.9				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.111	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.33	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	0.892	J	I		1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	11.0				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	36.5	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	1.63	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.57				2.00	µg/L	GE	EPA6020
1	Nitrate-nitrite as nitrogen	6,330				150	µg/L	GE	EPA353.1
0	pH	5.11	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	83.5				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<8.58	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	13.5				10.0	µg/L	GE	EPA6020
0	Gross alpha	2.50E-09±8.46E-10	J	I		8.55E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.06E-09±1.08E-09	J	K	C	1.23E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.14E-05±9.46E-07				5.93E-07	µCi/mL	GP	EPIA-002

WELL FSL 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 68.85 ft (20.99 m) below TOC
Water elevation: 217.05 ft (66.16 m) msl
pH: 4.5
Sp. conductance: 230 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 18 gal

Time: 14:28
Water temperature: 21.5°C
Air temperature: 30.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	3,290				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.43	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	35.5				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.407				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.551	J	I		1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.08	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	14.7				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	16.0				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	48.0	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.353	J	I		2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	6.66				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	20,800				500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	21,600				500	µg/L	GE	EPA353.1
0	pH	4.26	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	219				1.00	µS/cm	GE	EPA9050A

Well FSL 9D collected on 10/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<5.27	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	17.3				10.0	µg/L	GE	EPA6020
2	Gross alpha	1.92E-07±7.69E-09				8.88E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.30E-07±6.04E-09	J	K	C	1.14E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.14E-04±1.01E-05				1.46E-06	µCi/mL	GP	EPIA-002

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 44.76 ft (13.64 m) below TOC
Water elevation: 221.24 ft (67.43 m) msl
pH: 4.6
Sp. conductance: 55 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 5 gal

Time: 8:30
Water temperature: 23.3°C
Air temperature: 4.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	19.6				13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<33.1	U	V		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	262				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	318				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	5.00				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.80	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	6.60	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	240				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.44	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	138				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	356				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	23.0	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.380	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	7.90	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	5.60				5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.550	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	1,620				340	µg/L	WA	EPA9056
0	Sulfate	1,670				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well FSS 1D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total dissolved solids	213,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<354	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	17.5	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	27.0	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.78E-09±5.37E-09	U			9.18E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.80E-09±5.87E-10				5.78E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.36E-09±5.37E-10	J	I		9.76E-10	µCi/mL	GP	EPIA-001
1	Radium-226	3.14E-09±1.11E-09	J	I		9.39E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.42E-10±4.61E-10	U			9.20E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.23E-10±4.96E-10	U			1.14E-09	µCi/mL	GP	EPIA-004
0	Tritium	8.23E-06±5.99E-07				5.86E-07	µCi/mL	GP	EPIA-002

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 40.9 ft (12.47 m) below TOC
Water elevation: 220.7 ft (67.27 m) msl
pH: 4.5
Sp. conductance: 54 µS/cm
Turbidity: 32 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 8:43
Water temperature: 22.1°C
Air temperature: 6.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	10.4	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<50.1	U	V		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	428				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	311				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	21.5				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	0.520	J	I		4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	45.9				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.08	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	88.3				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	848				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	14.7	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.40	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	3.00	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B

Well FSS 2D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	7.00				5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.520	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	9,040				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	38,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<581	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	20.5	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	57.5				53.0	µg/L	WA	EPA6010B
0	Carbon-14	7.95E-09±5.69E-09	U			9.39E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.74E-09±8.59E-10				5.30E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.18E-09±7.45E-10				9.98E-10	µCi/mL	GP	EPIA-001
0	Radium-226	4.26E-13±3.34E-10	U			7.92E-10	µCi/mL	GP	EPIA-008
0	Radium-228	9.23E-10±5.71E-10	U			1.10E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	3.83E-10±5.59E-10	U			1.18E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.39E-04±4.71E-06				1.06E-06	µCi/mL	GP	EPIA-002

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 39.58 ft (12.06 m) below TOC
Water elevation: 218.62 ft (66.64 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 10 gal

Time: 9:20
Water temperature: Not available
Air temperature: 8.3°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<4.89	U	V		13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	18.5	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	263				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	151				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	16.4				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.50	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.70	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	28.3				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<11.8	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, dissolved	603				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	840				74.0	µg/L	WA	EPA6010B

Well FSS 3D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead, dissolved	6.00	J	I		47.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	34.1	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.410	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	3.00	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<2.20	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	9,980				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	38,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	20.7	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	6.90	J	I		53.0	µg/L	WA	EPA6010B

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 39.58 ft (12.06 m) below TOC
Water elevation: 218.62 ft (66.64 m) msl
pH: 4.6
Sp. conductance: 51 µS/cm
Turbidity: 10 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 15:10
Water temperature: 21.1°C
Air temperature: 19.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	-1.68E-09±4.86E-09	U			8.50E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.60E-09±4.79E-10				5.05E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.14E-09±5.65E-10				8.55E-10	µCi/mL	GP	EPIA-001
0	Radium-226	4.29E-10±5.57E-10	U			9.24E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.55E-10±3.00E-10	J	I		5.51E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.36E-10±6.55E-10	U			1.53E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.20E-04±4.35E-06				1.03E-06	µCi/mL	GP	EPIA-002

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 73.84 ft (22.51 m) below TOC
Water elevation: 217.96 ft (66.44 m) msl
pH: 4.6
Sp. conductance: 44 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:40
Water temperature: 20.5°C
Air temperature: 7.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.78	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	<60.9	U	V		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	422				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	220				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	12.2				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	208		V		1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well FSS 4D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	0.480	J	I		4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	1.60	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.10	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	10.5	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.99	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, dissolved	32.3	J	I		74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	906				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.780	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.810	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	1,590				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	109,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<582	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	21.5	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	17.9	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.29E-09±5.34E-09	U			9.09E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.17E-09±7.76E-10				7.75E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.00E-09±7.09E-10				1.05E-09	µCi/mL	GP	EPIA-001
0	Radium-226	4.39E-10±5.70E-10	U			9.46E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.72E-11±3.93E-10	U			8.28E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.87E-10±5.94E-10	U			1.36E-09	µCi/mL	GP	EPIA-004
0	Tritium	3.96E-06±4.85E-07				5.93E-07	µCi/mL	GP	EPIA-002

WELL FTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 49.5 ft (15.09 m) below TOC
Water elevation: 222.4 ft (67.79 m) msl
pH: 9.3
Sp. conductance: 120 µS/cm
Turbidity: 34 NTU

Time: 13:30
Water temperature: 25°C
Air temperature: 22°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): HN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Gross alpha	1.86E-08±2.14E-09				1.11E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.90E-08±1.32E-09				1.16E-09	µCi/mL	GP	EPIA-001
0	Tritium	6.34E-06±6.31E-07			5	7.06E-07	µCi/mL	GP	EPIA-002

WELL FTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 45.2 ft (13.78 m) below TOC
Water elevation: 226.5 ft (69.04 m) msl
pH: 11.5
Sp. conductance: 1,461 µS/cm
Turbidity: 26 NTU
Time: 13:20
Water temperature: 25°C
Air temperature: 22°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): HN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Gross alpha	2.11E-08±4.70E-09				3.59E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.84E-08±2.47E-09				2.96E-09	µCi/mL	GP	EPIA-001
0	Tritium	8.49E-06±7.02E-07			5	7.22E-07	µCi/mL	GP	EPIA-002

WELL FTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 67.7 ft (20.64 m) below TOC
Water elevation: 218.8 ft (66.69 m) msl
pH: 4.5
Sp. conductance: 200 µS/cm
Turbidity: 58 NTU
Time: 13:50
Water temperature: 22°C
Air temperature: 24°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	10,200				146	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	4,760				200	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	4,930				200	µg/L	WA	EPA353.2
2	Gross alpha	1.75E-08±2.03E-09	J	K	I	8.09E-10	µCi/mL	GP	EPIA-001
2	Gross alpha	1.91E-08±2.20E-09	J	K	I	8.65E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.67E-08±1.21E-09				9.98E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.57E-08±1.21E-09				1.18E-09	µCi/mL	GP	EPIA-001
0	Tritium	4.32E-06±5.32E-07			5	6.45E-07	µCi/mL	GP	EPIA-002

WELL FTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 63.2 ft (19.26 m) below TOC
Water elevation: 225.4 ft (68.7 m) msl
pH: 5.3
Sp. conductance: 105 µS/cm
Turbidity: 97 NTU
Time: 12:00
Water temperature: 24°C
Air temperature: 38°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	6,030				146	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	2,240	J	Q		100	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	2,230	J	Q		100	µg/L	WA	EPA353.2
2	Gross alpha	2.03E-08±2.43E-09				8.66E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.58E-08±1.39E-09				1.34E-09	µCi/mL	GP	EPIA-001
0	Tritium	3.65E-06±4.51E-07				5.50E-07	µCi/mL	GP	EPIA-002

WELL FTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 67 ft (20.42 m) below TOC
Water elevation: 222.6 ft (67.85 m) msl
pH: 4.5
Sp. conductance: 56 µS/cm
Turbidity: 106 NTU
Time: 11:40
Water temperature: 22°C
Air temperature: 38°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

Well FTF 17 collected on 10/06/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	9,730				146	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	3,220	J	Q		100	µg/L	WA	EPA353.2
2	Gross alpha	2.60E-08±2.34E-09				9.13E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.41E-08±1.30E-09				1.60E-09	µCi/mL	GP	EPIA-001
0	Tritium	3.33E-06±4.45E-07				5.57E-07	µCi/mL	GP	EPIA-002

WELL FTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 54.6 ft (16.64 m) below TOC
Water elevation: 233.4 ft (71.14 m) msl
pH: 5.4
Sp. conductance: 103 µS/cm
Turbidity: 374 NTU
Time: 11:20
Water temperature: 23°C
Air temperature: 38°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	7,110				146	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	2,200	J	Q		100	µg/L	WA	EPA353.2
2	Gross alpha	5.13E-08±3.73E-09				1.32E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	2.90E-08±1.65E-09				1.42E-09	µCi/mL	GP	EPIA-001
0	Tritium	5.64E-06±5.07E-07				5.46E-07	µCi/mL	GP	EPIA-002

WELL FTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 54.5 ft (16.61 m) below TOC
Water elevation: 232.7 ft (70.93 m) msl
pH: 5.5
Sp. conductance: 133 µS/cm
Turbidity: 44 NTU
Time: 10:50
Water temperature: 26°C
Air temperature: 38°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	4,150				146	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	3,220	J	Q		100	µg/L	WA	EPA353.2
1	Gross alpha	1.40E-08±2.04E-09				9.63E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.68E-08±1.39E-09				1.16E-09	µCi/mL	GP	EPIA-001
0	Tritium	5.30E-06±5.30E-07				5.97E-07	µCi/mL	GP	EPIA-002
0	Tritium	5.37E-06±5.02E-07				5.49E-07	µCi/mL	GP	EPIA-002

WELL FTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 65.3 ft (19.9 m) below TOC
Water elevation: 221.8 ft (67.61 m) msl
pH: 5.3
Sp. conductance: 143 µS/cm
Turbidity: 100 NTU
Time: 14:30
Water temperature: 28°C
Air temperature: 28°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	23,000				146	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,420				100	µg/L	WA	EPA353.2
2	Gross alpha	3.95E-08±3.66E-09				1.92E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.16E-08±3.28E-09				4.31E-09	µCi/mL	GP	EPIA-001
0	Tritium	4.77E-06±5.58E-07			5	6.66E-07	µCi/mL	GP	EPIA-002

WELL FTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 65.3 ft (19.9 m) below TOC
Water elevation: 222.2 ft (67.73 m) msl
pH: 11.6
Sp. conductance: 1,773 µS/cm
Turbidity: 165 NTU

Time: 14:45
Water temperature: 28°C
Air temperature: 28°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): HN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,630				146	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	955				20.0	µg/L	WA	EPA353.2
2	Gross alpha	3.80E-08±7.44E-09				7.29E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.28E-08±6.04E-09				7.86E-09	µCi/mL	GP	EPIA-001
0	Tritium	3.02E-06±4.92E-07			5	6.50E-07	µCi/mL	GP	EPIA-002

WELL FTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 65.2 ft (19.87 m) below TOC
Water elevation: 221.6 ft (67.54 m) msl
pH: 5.5
Sp. conductance: 135 µS/cm
Turbidity: 124 NTU

Time: 15:00
Water temperature: 28°C
Air temperature: 28°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	16,700				146	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,520				100	µg/L	WA	EPA353.2
2	Gross alpha	4.97E-08±2.94E-09				1.07E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.33E-08±1.99E-09				2.19E-09	µCi/mL	GP	EPIA-001
0	Tritium	6.24E-06±6.07E-07			5	6.73E-07	µCi/mL	GP	EPIA-002

WELL FTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 61.9 ft (18.87 m) below TOC
Water elevation: 224.1 ft (68.31 m) msl
pH: 5.2
Sp. conductance: 103 µS/cm
Turbidity: 20 NTU

Time: 10:35
Water temperature: 24°C
Air temperature: 36°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	3,420				146	µg/L	WA	EPA6010B
2	Gross alpha	1.51E-08±2.02E-09				8.24E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.07E-08±1.18E-09				1.34E-09	µCi/mL	GP	EPIA-001
0	Tritium	4.57E-06±5.51E-07				6.48E-07	µCi/mL	GP	EPIA-002

WELL HAA 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 20.67 ft (6.3 m) below TOC
Water elevation: 273.23 ft (83.28 m) msl
pH: 4.5
Sp. conductance: 32 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 9:12
Water temperature: 18.9°C
Air temperature: 15.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	68.2	J	I		146	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B

Well HAA 1D collected on 10/06/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloride	2,610				210	µg/L	WA	EPA9056
0	Fluoride	<48.4	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	<14.4	U	V		74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<1.40	U	V		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Silica, total recoverable	4,660				1,370	µg/L	WA	EPA6010B
0	Sulfate	1,020				340	µg/L	WA	EPA9056
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2

WELL HAA 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 7.93 ft (2.42 m) below TOC
Water elevation: 265.27 ft (80.86 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 6 gal

Time: 8:18
Water temperature: Not available
Air temperature: 13.7°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,410				146	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chloride	1,840				210	µg/L	WA	EPA9056
0	Fluoride	<73.0	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	1,130				74.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	9,770				1,370	µg/L	WA	EPA6010B
0	Sulfate	5,220				340	µg/L	WA	EPA9056

WELL HAP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 21.1 ft (6.43 m) below TOC
Water elevation: 268.8 ft (81.93 m) msl
pH: 4.5
Sp. conductance: 85 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 67 gal

Time: 12:22
Water temperature: 21.4°C
Air temperature: 18.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	610				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	55.5	J	I		266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	54.9	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.80	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.70	J	I		2.70	µg/L	WA	EPA6010B
0	Manganese, total recoverable	19.3				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tritium	6.16E-06±6.20E-07				5.50E-07	µCi/mL	TM	EPA906.0M
0	Tritium	6.05E-06±6.20E-07				5.60E-07	µCi/mL	TM	EPA906.0M

WELL HCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 42.71 ft (13.02 m) below TOC
Water elevation: 267.59 ft (81.56 m) msl
pH: 5.9
Sp. conductance: 65 µS/cm
Turbidity: 12 NTU

Time: 13:45
Water temperature: 27°C
Air temperature: 25.3°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

Well HCA 3 collected on 10/19/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	188				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	114	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	29.8				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	30.4				1.80	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloride	2,020				210	µg/L	WA	EPA9056
0	Chloride	2,030				210	µg/L	WA	EPA9056
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	1.55				1.00	µg/L	WA	EPA8021B
2	Iron, total recoverable	535				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	547				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	12.0	J	I		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	10.0	J	I		47.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	73.1				7.80	µg/L	WA	EPA6010B
2	Manganese, total recoverable	73.8				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,370				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,460				285	µg/L	WA	EPA6010B
0	Sulfate	1,910				340	µg/L	WA	EPA9056
0	Sulfate	<1,920	U			340	µg/L	WA	EPA9056
1	Tetrachloroethylene	4.80				1.00	µg/L	WA	EPA8021B
0	Total organic carbon	<712	U	V		1,000	µg/L	WA	EPA9060
0	Total phosphates (as P)	67.4				67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
2	Trichloroethylene	7.70				1.00	µg/L	WA	EPA8021B

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 42.9 ft (13.08 m) below TOC
Water elevation: 267.8 ft (81.63 m) msl
pH: 5.5
Sp. conductance: 52 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 70 gal

Time: 11:51
Water temperature: 26.6°C
Air temperature: 24.9°C
Total alkalinity (as CaCO3): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	806				146	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloride	3,260				210	µg/L	WA	EPA9056
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	1.04				1.00	µg/L	WA	EPA8021B
0	Fluoride	<36.5	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	635				74.0	µg/L	WA	EPA6010B
2	Lead, total recoverable	87.5				47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.980	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	0.120	J	I		0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	0.110	J	I		0.700	µg/L	WA	EPA7470A
0	Silica, total recoverable	11,100				1,350	µg/L	WA	EPA6010B
0	Sulfate	4,840				340	µg/L	WA	EPA9056
2	Tetrachloroethylene	66.1		L		1.00	µg/L	WA	EPA8021B
2	Tetrachloroethylene	67.0				5.00	µg/L	WA	EPA8021B
2	Total organic halogens	108	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	906	J	Q		134	µg/L	WA	EPA365.2
0	Total phosphates (as P)	940	J	Q		134	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
2	Trichloroethylene	21.1				1.00	µg/L	WA	EPA8021B

WELL HCA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 136.15 ft (41.5 m) below TOC
Water elevation: 174.55 ft (53.2 m) msl
pH: 6.2
Sp. conductance: 73 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 27 gal

Time: 9:14
Water temperature: 22.4°C
Air temperature: 16.1°C
Total alkalinity (as CaCO3): 24 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	51.1	J	I		146	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chloride	2,630				210	µg/L	WA	EPA9056
0	Fluoride	340				40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	10.4	J	I		74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.70	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Silica, total recoverable	19,400				1,350	µg/L	WA	EPA6010B
0	Sulfate	2,170				340	µg/L	WA	EPA9056
0	Total phosphates (as P)	16.3	J	I		67.0	µg/L	WA	EPA365.2

WELL HCA 4AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 136.3 ft (41.54 m) below TOC
Water elevation: 174.2 ft (53.1 m) msl
pH: 6.8
Sp. conductance: 165 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 53 gal

Time: 9:50
Water temperature: 21.6°C
Air temperature: 17.4°C
Total alkalinity (as CaCO3): 63 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	23.3	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chloride	2,530				210	µg/L	WA	EPA9056
0	Fluoride	<131	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	8.10	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.20				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Silica, total recoverable	25,800				1,350	µg/L	WA	EPA6010B
0	Sulfate	3,920				340	µg/L	WA	EPA9056
0	Total phosphates (as P)	202				67.0	µg/L	WA	EPA365.2

WELL HCA 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 66.82 ft (20.37 m) below TOC
Water elevation: 243.98 ft (74.37 m) msl
pH: 10.2
Sp. conductance: 291 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 32 gal

Time: 11:06
Water temperature: 24.4°C
Air temperature: 24.2°C
Total alkalinity (as CaCO3): 93 mg/L
Phenolphthalein alkalinity: 63 mg/L
Field Qualifier(s): VH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,840				146	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chloride	1,870				210	µg/L	WA	EPA9056
0	Fluoride	367				40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	28.4	J	I		74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	17.2				2.70	µg/L	WA	EPA6010B

Well HCA 4B collected on 10/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Silica, total recoverable	12,000				1,350	µg/L	WA	EPA6010B
0	Sulfate	2,660				340	µg/L	WA	EPA9056
0	Total phosphates (as P)	1,320				268	µg/L	WA	EPA365.2

WELL HCA 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 65.45 ft (19.95 m) below TOC
Water elevation: 245.25 ft (74.75 m) msl
pH: 6.4
Sp. conductance: 59 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 37 gal

Time: 11:40
Water temperature: 23°C
Air temperature: 24°C
Total alkalinity (as CaCO3): 22 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	57.8	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloride	2,260				210	µg/L	WA	EPA9056
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Fluoride	<92.6	U	V		40.0	µg/L	WA	EPA340.2
0	Fluoride	<91.1	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	11.7	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.40				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Silica, total recoverable	10,500				1,350	µg/L	WA	EPA6010B
0	Sulfate	769				340	µg/L	WA	EPA9056
2	Tetrachloroethylene	7.45				1.00	µg/L	WA	EPA8021B
0	Total phosphates (as P)	240				67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	1.53				1.00	µg/L	WA	EPA8021B

WELL HCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 21.12 ft (6.44 m) below TOC
Water elevation: 258.18 ft (78.69 m) msl
pH: 4.8
Sp. conductance: 91 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 62 gal

Time: 12:40
Water temperature: 21.3°C
Air temperature: 20.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	241				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chromium, total recoverable	3.10	J	I		7.00	µg/L	WA	EPA6010B
0	cis-1,2-Dichloroethylene	21.7				1.00	µg/L	WA	EPA8021B
1	Iron, total recoverable	173				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	5.00	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.870	J	I		2.70	µg/L	WA	EPA6010B
2	Manganese, total recoverable	817				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Sulfate	19,800				1,700	µg/L	WA	EPA9056
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
1	Trichloroethylene	4.58				1.00	µg/L	WA	EPA8021B

WELL HCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 14.2 ft (4.33 m) below TOC
Water elevation: 267.5 ft (81.53 m) msl
pH: 3.9
Sp. conductance: 351 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 45 gal

Time: 13:20
Water temperature: 21.6°C
Air temperature: 21°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	6,060				146	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<0.950	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Iron, total recoverable	<29.5	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	8.80	J	I		47.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	1,250				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Sulfate	139,000				6,800	µg/L	WA	EPA9056

WELL HCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 37.77 ft (11.51 m) below TOC
Water elevation: 237.63 ft (72.43 m) msl
pH: 4.6
Sp. conductance: 51 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 45 gal

Time: 13:56
Water temperature: 20.7°C
Air temperature: 20.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	139	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<1.00	JU	I	4	7.00	µg/L	WA	EPA6010B
1	Iron, total recoverable	161				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.40	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.00	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Sulfate	602				340	µg/L	WA	EPA9056
0	Total organic halogens	<52.7	U	V		120	µg/L	WA	EPA9020B

WELL HCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 13.9 ft (4.24 m) below TOC
Water elevation: 263.9 ft (80.44 m) msl
pH: 4.3
Sp. conductance: 205 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 59 gal

Time: 14:08
Water temperature: 21.2°C
Air temperature: 24.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,620				146	µg/L	WA	EPA6010B
0	Chromium, total recoverable	4.10	J	I		7.00	µg/L	WA	EPA6010B
1	Iron, total recoverable	168				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	9.60	J	I		47.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	419				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B

WELL HET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 14.77 ft (4.5 m) below TOC
Water elevation: 267.43 ft (81.51 m) msl
pH: 5
Sp. conductance: 44 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 46 gal

Time: 14:45
Water temperature: 21.4°C
Air temperature: 25.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	58.1	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	9.60	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.490	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Total organic carbon	590	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	27.6	J	I		120	µg/L	WA	EPA9020B

WELL HET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 18.72 ft (5.71 m) below TOC
Water elevation: 258.18 ft (78.69 m) msl
pH: 4.9
Sp. conductance: 28 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 35 gal

Time: 13:49
Water temperature: 22.4°C
Air temperature: 28.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	88.4	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	50.8	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	14.7	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.670	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Total organic carbon	718	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.3	J	I		120	µg/L	WA	EPA9020B

WELL HET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 18.32 ft (5.58 m) below TOC
Water elevation: 258.38 ft (78.76 m) msl
pH: 4.7
Sp. conductance: 28 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 13:11
Water temperature: 23.8°C
Air temperature: 27.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	95.4	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	84.7	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B

Well HET 3D collected on 10/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chromium, total recoverable	<0.750	JU	I	4	7.00	µg/L	WA	EPA6010B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Iron, total recoverable	36.1	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	31.7	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.630	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.600	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total organic carbon	879	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	24.7	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL HET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 17.58 ft (5.36 m) below TOC
Water elevation: 259.12 ft (78.98 m) msl
pH: 5.2
Sp. conductance: 39 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 37 gal

Time: 12:33
Water temperature: 22°C
Air temperature: 27.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	647				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
2	Iron, total recoverable	929				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	11.7	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.950	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total organic carbon	1,210				1,000	µg/L	WA	EPA9060
2	Total organic halogens	117	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL HIN600TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: Not available
Water elevation: Not available
pH: 5.1
Sp. conductance: 123 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 13:50
Water temperature: 21.9°C
Air temperature: 28.5°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.69	J	I		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	0.648	J	I		2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020

Well HIN600TK collected on 10/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	1.79	J	I		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
1	Mercury, total recoverable	1.26				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	6.50	J	I		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Actinium-228	1.18E-08±7.47E-09	U			1.56E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	2.41E-09±9.51E-09	U			1.30E-08	µCi/mL	GP	EPIA-013
0	Americium-241	4.80E-11±9.05E-11	U			1.85E-10	µCi/mL	GP	EPIA-011
0	Americium-241	8.48E-12±7.38E-11	U			1.85E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-5.07E-10±4.99E-09	U			8.90E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.09E-09±5.13E-09	U			9.15E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.93E-08±9.04E-09	J	I		1.45E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	1.04E-08±8.47E-09	U			1.40E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	9.83E-09±1.35E-08	U			2.40E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	5.43E-09±1.41E-08	U			2.48E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-6.75E-10±2.15E-09	U			3.18E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	1.77E-10±1.91E-09	U			3.43E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	5.30E-10±2.35E-09	U			4.20E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-9.10E-10±1.94E-09	U			3.31E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	8.20E-10±1.72E-09	U			3.05E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3.39E-10±1.71E-09	U			2.95E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.64E-10±2.29E-09	U			3.89E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-6.74E-10±1.79E-09	U			3.22E-09	µCi/mL	GP	EPIA-013
0	Curium-242	2.60E-11±5.21E-11	U			7.81E-11	µCi/mL	GP	EPIA-011
0	Curium-242	<0.00E+00	U			5.78E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	4.83E-11±6.85E-11	U			7.24E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	<0.00E+00	U			5.36E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.41E-11±4.83E-11	U			7.23E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.45E-11±6.46E-11	U			1.12E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-2.31E-10±5.50E-09	U			9.89E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-2.99E-09±5.94E-09	U			9.61E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-9.03E-10±5.43E-09	U			9.86E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.14E-09±5.28E-09	U			9.73E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-9.19E-10±7.07E-09	U			1.23E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.17E-09±6.99E-09	U			1.24E-08	µCi/mL	GP	EPIA-013
2	Iodine-129	4.02E-09±2.91E-09	J	I		2.83E-09	µCi/mL	GP	EPIA-006
2	Iodine-129	3.45E-09±1.57E-09	J	I		1.49E-09	µCi/mL	GP	EPIA-006
0	Lead-212	2.61E-09±6.71E-09	U			6.01E-09	µCi/mL	GP	EPIA-013
0	Lead-212	2.47E-09±3.84E-09	U			6.74E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.99E-10±1.94E-09	U			3.64E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.24E-09±2.32E-09	U			3.27E-09	µCi/mL	GP	EPIA-013

Well HIN600TK collected on 10/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nickel-63	-3.95E-09±5.78E-09	U			1.02E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	-3.29E-09±6.55E-09	U			1.15E-08	µCi/mL	GP	EPIA-022
0	Plutonium-238	1.65E-10±1.40E-10	U			2.18E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	4.59E-11±5.97E-11	U			9.71E-11	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	0.00E+00±6.33E-11	U			1.32E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.40E-11±2.80E-11	U			4.19E-11	µCi/mL	GP	EPIA-011
0	Potassium-40	3.35E-08±2.91E-08	U			4.02E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	2.01E-08±3.31E-08	U			3.70E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.92E-09±1.91E-09	U			3.69E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-2.65E-10±1.91E-09	U			3.36E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-9.00E-10±2.55E-09	U			4.43E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.26E-09±2.43E-09	U			4.21E-09	µCi/mL	GP	EPIA-013
0	Radium-226	9.78E-10±7.60E-10	U			1.07E-09	µCi/mL	GP	EPIA-008
0	Radium-228	-1.24E-10±4.86E-10	U			1.11E-09	µCi/mL	GP	EPIA-009
0	Radium-228	2.23E-10±4.57E-10	U			9.90E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-1.30E-08±1.89E-08	U			3.08E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	3.02E-09±1.62E-08	U			2.99E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-3.37E-10±1.94E-09	U			3.52E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-3.92E-10±1.89E-09	U			3.49E-09	µCi/mL	GP	EPIA-013
0	Strontium-89/90	2.44E-09±6.77E-10	J	I		1.14E-09	µCi/mL	GP	EPIA-004
0	Strontium-89/90	2.18E-09±6.47E-10	J	I		1.11E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	2.15E-09±3.64E-09	U			6.16E-09	µCi/mL	GP	EPIA-005
0	Technetium-99	-9.96E-10±3.21E-09	U			5.58E-09	µCi/mL	GP	EPIA-005
0	Thorium-228	-2.07E-11±1.80E-10	U			4.00E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	4.80E-11±1.59E-10	U			3.32E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	-1.75E-11±4.90E-11	U			1.65E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.23E-10±1.04E-10	U			1.43E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-8.86E-12±4.57E-11	U			1.50E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.64E-11±3.29E-11	U			4.92E-11	µCi/mL	GP	EPIA-012
0	Uranium-233/234	7.32E-11±9.33E-11	U			1.40E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	2.95E-11±6.81E-11	U			1.60E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.28E-11±1.82E-11	U			1.66E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.11E-11±1.58E-11	U			1.44E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	4.78E-11±9.65E-11	U			2.15E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.31E-11±4.62E-11	U			6.92E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	-1.03E-09±2.48E-09	U			4.41E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	-5.54E-10±1.88E-09	U			3.42E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.56E-09±4.56E-09	U			7.82E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	4.75E-09±6.07E-09	U			8.70E-09	µCi/mL	GP	EPIA-013

WELL HIN600TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/11/99
Depth to water: Not available
Water elevation: Not available
pH: 3.9
Sp. conductance: 131 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:00
Water temperature: 19.8°C
Air temperature: 19.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	18.9			X	15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.160	U	V	X	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.48	J	I	X	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<2.00	U		X	2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<0.200	U		X	0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<1.00	U		X	1.00	µg/L	GE	EPA6020
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	2.64	J	I	X	3.00	µg/L	GE	EPA6020

Well HIN600TK collected on 11/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cobalt, total recoverable	<1.00	U		X	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	1.75			X	1.00	µg/L	GE	EPA6020
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Cyanide	<10.0	U			10.0	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<2.99	U		8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Iron, total recoverable	<25.0	U		X	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U		X	2.00	µg/L	GE	EPA6020
1	Mercury, total recoverable	1.42				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<2.00	U		X	2.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<5.00	U		X	5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U		X	1.00	µg/L	GE	EPA6020
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<0.500	U		X	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U		X	5.00	µg/L	GE	EPA6020
0	Toluene	<0.662	U	V		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
1	Vanadium, total recoverable	80.1			X	10.0	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<5.92	U	V	X	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U		X	10.0	µg/L	GE	EPA6020
0	Actinium-228	3.48E-09±6.18E-09	U			1.21E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	5.22E-09±7.80E-09	U			1.52E-08	µCi/mL	GP	EPIA-013
0	Americium-241	4.88E-12±2.29E-11	U			4.77E-11	µCi/mL	GP	EPIA-011
0	Americium-241	1.20E-12±1.54E-11	U			3.54E-11	µCi/mL	GP	EPIA-011
0	Antimony-125	5.75E-09±7.35E-09	U			9.82E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	4.05E-09±5.72E-09	U			1.04E-08	µCi/mL	GP	EPIA-013
0	Carbon-14	3.26E-09±6.79E-09	U			1.16E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	5.72E-09±6.81E-09	U			1.14E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	7.48E-09±1.22E-08	U			2.20E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-7.97E-10±1.25E-08	U			2.19E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	3.97E-10±1.88E-09	U			3.08E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-9.34E-10±2.08E-09	U			3.13E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-4.58E-10±1.81E-09	U			3.21E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.03E-09±1.82E-09	U			3.58E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.37E-09±2.24E-09	U			2.82E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.54E-10±1.69E-09	U			2.96E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.70E-10±1.77E-09	U			3.23E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.91E-10±1.74E-09	U			3.58E-09	µCi/mL	GP	EPIA-013
0	Curium-242	3.80E-12±1.67E-11	U			3.69E-11	µCi/mL	GP	EPIA-011
0	Curium-242	3.78E-13±1.42E-11	U			3.44E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.67E-11±3.64E-11	U			6.49E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.20E-13±2.83E-11	U			5.91E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.11E-12±1.02E-11	U			2.23E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	3.82E-12±9.49E-12	U			2.08E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-3.46E-10±5.58E-09	U			9.47E-09	µCi/mL	GP	EPIA-013
0	Europium-152	7.98E-10±5.07E-09	U			8.95E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.70E-09±5.03E-09	U			1.02E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-1.73E-09±5.44E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
0	Europium-155	5.17E-09±6.87E-09	U			1.25E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-5.54E-10±6.39E-09	U			1.13E-08	µCi/mL	GP	EPIA-013
2	Iodine-129	1.78E-09±6.46E-10	J	I		6.10E-10	µCi/mL	GP	EPIA-006
2	Iodine-129	2.36E-09±1.01E-09	J	I		9.94E-10	µCi/mL	GP	EPIA-006
0	Lead-212	3.97E-09±5.12E-09	U			7.07E-09	µCi/mL	GP	EPIA-013
0	Lead-212	1.00E-09±4.69E-09	U			6.44E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-6.10E-10±1.64E-09	U			2.83E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	5.40E-10±1.78E-09	U			3.42E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	-2.16E-09±6.21E-09	U			1.09E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	-1.68E-09±6.63E-09	U			1.16E-08	µCi/mL	GP	EPIA-022
0	Plutonium-238	4.78E-11±4.30E-11	U			7.17E-11	µCi/mL	GP	EPIA-011
0	Plutonium-238	-1.77E-11±4.09E-11	U			8.58E-11	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	6.17E-12±1.55E-11	U			3.17E-11	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	3.56E-13±1.34E-11	U			3.23E-11	µCi/mL	GP	EPIA-011
0	Potassium-40	1.99E-08±2.15E-08	U			4.53E-08	µCi/mL	GP	EPIA-013

Well HIN600TK collected on 11/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium-40	5.97E-09±5.06E-08	U			4.81E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	6.89E-10±1.73E-09	U			3.26E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	5.24E-10±1.87E-09	U			3.52E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-9.06E-10±2.25E-09	U			3.97E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	7.90E-10±2.10E-09	U			4.04E-09	µCi/mL	GP	EPIA-013
2	Radium-226	8.07E-09±1.45E-09				6.15E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.09E-10±4.57E-10	U			9.34E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.41E-08±1.38E-08	U			2.82E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	6.17E-09±1.65E-08	U			3.16E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	6.22E-10±1.80E-09	U			3.65E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-6.19E-10±1.94E-09	U			3.60E-09	µCi/mL	GP	EPIA-013
0	Strontium-89/90	3.22E-09±1.03E-09	J	I		1.74E-09	µCi/mL	GP	EPIA-004
0	Strontium-89/90	2.91E-09±9.98E-10	J	I		1.76E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1.86E-09±2.81E-09	U			4.74E-09	µCi/mL	GP	EPIA-005
0	Thorium-228	-8.11E-13±1.77E-10	U			4.14E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.18E-10±1.10E-10	U			1.57E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-2.16E-11±2.52E-11	U			1.57E-10	µCi/mL	GP	EPIA-012
0	Uranium-233/234	1.86E-10±1.26E-10	U	V		1.39E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	6.77E-11±7.49E-11	U			1.03E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	3.12E-11±5.39E-11	U			1.04E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	3.69E-11±5.23E-11	U			5.53E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	-1.17E-11±1.67E-11	U			1.24E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	1.25E-11±3.86E-11	U			1.03E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-8.49E-11±2.15E-09	U			4.10E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	9.01E-10±2.40E-09	U			4.94E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-5.49E-09±4.55E-09	U			7.18E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.50E-10±4.28E-09	U			7.04E-09	µCi/mL	GP	EPIA-013

WELL HIN600TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99
Depth to water: Not available
Water elevation: Not available
pH: 4.2
Sp. conductance: 144 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 11:00
Water temperature: 18.2°C
Air temperature: 8.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<19.4	U		6	15.0	µg/L	GE	EPA6020
0	Aluminum, total recoverable	<14.0	U		6	15.0	µg/L	GE	EPA6020
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.248	U	V		2.00	µg/L	GE	EPA6020
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<2.59	U		6	3.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.05	U		6	3.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<0.664	U		6	2.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<0.716	U		6	2.00	µg/L	GE	EPA6020
0	Barium, total recoverable	0.710	J	I		1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	0.760	J	I		1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.230	J	I		1.60	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	0.200	J	I		1.60	µg/L	WA	EPA6010B
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.6	U			10.6	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<22.0	U			22.0	µg/L	WA	EPA8270C
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B

Well HIN600TK collected on 12/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<3.16	U		6	3.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.36	U		6	3.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.70	U	V		15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	<2.90	U	V		15.0	µg/L	WA	EPA6010B
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<4.58	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<27.0	U		6	25.0	µg/L	GE	EPA6020
0	Iron, total recoverable	<15.0	U		6	25.0	µg/L	GE	EPA6020
0	Iron, total recoverable	33.3	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	14.6	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
1	Mercury, total recoverable	1.69				0.200	µg/L	GE	EPA7470A
1	Mercury, total recoverable	1.42				0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<0.108	U		6	2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<0.288	U		6	2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.282	U		6	1.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.579	U		6	1.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.550	U	V		5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.30	U	V		5.00	µg/L	WA	EPA6010B

Well HIN600TK collected on 12/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Thallium, total recoverable	0.453	J	I		0.500	µg/L	GE	EPA6020
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Tin, total recoverable	<0.518	U	V	6	2.00	µg/L	GE	EPA6020
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vanadium, total recoverable	<11.4	U	V	6	10.0	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<9.43	U	V	6	10.0	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<1.17	U		6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<2.12	U		6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Actinium-228	5.98E-09±8.99E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	5.04E-09±5.88E-09	U			1.10E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	-3.80E-10±1.67E-08	U			2.71E-08	µCi/mL	TM	EPA901.1M
0	Actinium-228	-1.05E-08±1.64E-08	U			2.54E-08	µCi/mL	TM	EPA901.1M
0	Americium-241	6.20E-11±7.24E-11	U			6.24E-11	µCi/mL	GP	EPIA-011
0	Americium-241	1.10E-10±9.97E-11	J	I		6.62E-11	µCi/mL	GP	EPIA-011
0	Antimony-124	-1.54E-09±4.45E-09	U			7.01E-09	µCi/mL	TM	EPA901.1M
0	Antimony-124	2.00E-10±3.90E-09	U			7.11E-09	µCi/mL	TM	EPA901.1M
0	Antimony-125	1.45E-09±4.09E-09	U			6.97E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.11E-09±4.14E-09	U			7.03E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	7.78E-09±1.07E-08	U			1.68E-08	µCi/mL	TM	EPA901.1M
0	Antimony-125	2.08E-09±9.26E-09	U			1.71E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	-1.40E-09±4.83E-09	U			7.76E-09	µCi/mL	TM	EPA901.1M
0	Barium-133	3.20E-10±4.96E-09	U			8.17E-09	µCi/mL	TM	EPA901.1M
0	Carbon-14	1.95E-08±6.55E-09	J	I		1.02E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	1.99E-08±6.71E-09	J	I		1.05E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	1.82E-09±1.01E-08	U			1.77E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	3.89E-09±1.12E-08	U			1.92E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	7.41E-09±1.67E-08	U			2.84E-08	µCi/mL	TM	EPA901.1M
0	Cerium-144	4.60E-09±1.70E-08	U			2.88E-08	µCi/mL	TM	EPA901.1M
0	Cesium-134	-8.68E-09±1.92E-09	U			2.27E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.91E-10±1.68E-09	U			2.49E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.77E-09±3.96E-09	U			6.16E-09	µCi/mL	TM	EPA901.1M
0	Cesium-134	-2.50E-09±3.58E-09	U			6.13E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	2.17E-10±1.37E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.42E-10±1.79E-09	U			2.76E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-2.11E-09±3.99E-09	U			6.94E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	-1.84E-09±3.95E-09	U			6.92E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	-4.21E-10±1.31E-09	U			2.25E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	5.24E-10±1.41E-09	U			2.44E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-2.60E-10±2.03E-09	U			3.37E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	1.51E-09±2.54E-09	U			3.27E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-1.26E-09±4.35E-09	U			7.68E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-2.33E-09±4.04E-09	U			6.11E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	-7.46E-10±1.39E-09	U			2.41E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.20E-09±1.59E-09	U			3.03E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.58E-09±3.45E-09	U			6.85E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	4.98E-09±4.15E-09	U			6.76E-09	µCi/mL	TM	EPA901.1M
0	Curium-242	<0.00E+00	U			6.56E-11	µCi/mL	GP	EPIA-011
0	Curium-242	-2.20E-11±3.17E-11	U			1.76E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.20E-11±6.83E-11	U			1.78E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.00E-11±5.75E-11	U			1.90E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-1.00E-11±2.00E-11	U			1.29E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.20E-11±4.42E-11	U			6.62E-11	µCi/mL	GP	EPIA-011

Well HIN600TK collected on 12/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Europium-152	1.55E-09±4.48E-09	U			7.66E-09	µCi/mL	GP	EPIA-013
0	Europium-152	6.38E-10±4.53E-09	U			8.02E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1.94E-08±3.05E-08	U			5.07E-08	µCi/mL	TM	EPA901.1M
0	Europium-152	-9.70E-09±2.63E-08	U			4.60E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-2.96E-09±3.91E-09	U			6.61E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-3.17E-09±5.03E-09	U			8.28E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-3.46E-09±1.11E-08	U			1.97E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	4.00E-09±1.04E-08	U			2.04E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	2.79E-09±5.42E-09	U			9.65E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.70E-09±5.79E-09	U			1.02E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-2.64E-09±7.34E-09	U			1.02E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-4.36E-09±6.84E-09	U			9.85E-09	µCi/mL	TM	EPA901.1M
2	Iodine-129	1.63E-09±9.63E-10	J	I		8.05E-10	µCi/mL	GP	EPIA-006
2	Iodine-129	1.64E-09±9.81E-10	J	I		1.04E-09	µCi/mL	GP	EPIA-006
0	Iodine-129	-6.01E-09±6.63E-09	U			1.41E-08	µCi/mL	TM	EPA902.0M
0	Iodine-129	-5.22E-09±6.87E-09	U			1.45E-08	µCi/mL	TM	EPA902.0M
0	Lead-212	1.45E-09±5.34E-09	U			4.16E-09	µCi/mL	GP	EPIA-013
0	Lead-212	7.46E-10±4.79E-09	U			4.72E-09	µCi/mL	GP	EPIA-013
0	Lead-212	3.20E-09±9.93E-09	U			7.93E-09	µCi/mL	TM	EPA901.1M
0	Lead-212	3.18E-09±7.83E-09	U			8.34E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	5.03E-10±1.39E-09	U			2.50E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.36E-10±1.62E-09	U			2.59E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	7.50E-10±3.40E-09	U			6.40E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	-1.06E-09±3.36E-09	U			5.98E-09	µCi/mL	TM	EPA901.1M
0	Neptunium-239	-4.16E-09±1.18E-07	U			1.97E-07	µCi/mL	TM	EPA901.1M
0	Neptunium-239	-1.01E-08±1.25E-07	U			2.09E-07	µCi/mL	TM	EPA901.1M
0	Nickel-63	-1.66E-09±5.58E-09	U			1.37E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	9.53E-09±1.15E-08	U			1.94E-08	µCi/mL	TM	3500NIEM
0	Nickel-63	1.15E-08±9.18E-09	U			1.53E-08	µCi/mL	TM	3500NIEM
0	Plutonium-238	3.50E-11±1.11E-10	U			2.49E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	-3.50E-11±1.84E-10	U			4.22E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-3.10E-11±3.61E-11	U			1.85E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.20E-11±9.07E-11	U			2.21E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	7.85E-09±2.80E-08	U			2.85E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	2.50E-08±1.93E-08	U			3.70E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	-1.18E-08±5.18E-08	U			9.60E-08	µCi/mL	TM	EPA901.1M
0	Potassium-40	5.33E-08±7.04E-08	U			6.09E-08	µCi/mL	TM	EPA901.1M
0	Promethium-144	5.40E-10±1.22E-09	U			2.23E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.62E-09±1.49E-09	U			2.33E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	2.27E-09±4.13E-09	U			7.12E-09	µCi/mL	TM	EPA901.1M
0	Promethium-144	2.74E-09±4.16E-09	U			7.83E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	-4.06E-10±1.93E-09	U			3.17E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.38E-09±2.10E-09	U			3.77E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-3.22E-09±6.90E-09	U			1.22E-08	µCi/mL	TM	EPA901.1M
0	Promethium-146	-3.33E-09±6.81E-09	U			1.20E-08	µCi/mL	TM	EPA901.1M
0	Radium-226	4.28E-10±3.96E-10	JU	L	C	5.26E-10	µCi/mL	GP	EPIA-008
0	Radium-226	2.60E-10±2.50E-10	U			4.50E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	4.20E-10±2.80E-10	R	I	4	3.10E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	3.38E-10±3.67E-10	U			7.34E-10	µCi/mL	GP	EPIA-009
1	Radium-228	2.85E-09±1.07E-09	J	I		2.01E-09	µCi/mL	TM	EPA904.0M
1	Radium-228	4.20E-09±1.14E-09	J		4	1.88E-09	µCi/mL	TM	EPA904.0M
0	Ruthenium-106	4.40E-09±1.23E-08	U			2.24E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-2.18E-09±1.35E-08	U			2.30E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.42E-08±3.31E-08	U			5.81E-08	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	-7.66E-09±3.29E-08	U			5.88E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	-1.06E-09±1.39E-09	U			2.35E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.13E-09±1.79E-09	U			2.95E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.15E-09±3.99E-09	U			7.07E-09	µCi/mL	TM	EPA901.1M
0	Sodium-22	1.37E-09±3.71E-09	U			7.27E-09	µCi/mL	TM	EPA901.1M
0	Strontium-89	-1.00E-11±2.68E-09	JU	L	C	3.01E-09	µCi/mL	TM	EMLSR02M
0	Strontium-89	-5.50E-10±2.35E-09	JU	L	C	2.54E-09	µCi/mL	TM	EMLSR02M
0	Strontium-89/90	9.24E-10±6.39E-10	U			1.29E-09	µCi/mL	GP	EPIA-004
0	Strontium-89/90	2.36E-09±7.42E-10	J	I		1.29E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	1.74E-09±1.18E-09	U			1.90E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	2.12E-09±1.07E-09	J	I		1.63E-09	µCi/mL	TM	EMLSR02M
0	Technetium-99	-2.16E-10±9.07E-09	U			2.23E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	-2.91E-09±8.89E-09	U			2.25E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	1.19E-08±8.53E-09	U			1.42E-08	µCi/mL	TM	EICHROM
0	Technetium-99	3.40E-08±9.42E-09	R		4	1.48E-08	µCi/mL	TM	EICHROM
0	Thorium-228	1.82E-10±2.05E-10	U			3.72E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	9.10E-11±1.80E-10	U			3.59E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	6.70E-11±9.08E-11	U			1.62E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.20E-11±5.79E-11	U			1.17E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.90E-11±3.79E-11	U			5.67E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	1.60E-11±3.11E-11	U			4.66E-11	µCi/mL	GP	EPIA-012

Well HIN600TK collected on 12/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tin-113	-1.39E-09±4.77E-09	U			7.67E-09	µCi/mL	TM	EPA901.1M
0	Tin-113	-4.87E-09±4.62E-09	U			6.88E-09	µCi/mL	TM	EPA901.1M
0	Uranium-233/234	8.70E-11±1.22E-10	U			2.15E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	8.10E-11±1.26E-10	U			2.45E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-8.00E-12±1.66E-11	U			1.83E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.00E-11±7.67E-11	U			2.46E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-8.00E-12±1.66E-11	U			1.82E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-1.70E-11±2.40E-11	U			2.20E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	3.74E-10±1.44E-09	U			2.73E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.42E-09±1.75E-09	U			3.47E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	-1.47E-09±3.87E-09	U			6.80E-09	µCi/mL	TM	EPA901.1M
0	Yttrium-88	-9.00E-11±4.45E-09	U			7.53E-09	µCi/mL	TM	EPA901.1M
0	Zinc-65	1.14E-09±2.94E-09	U			4.77E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3.56E-09±4.02E-09	U			6.72E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.10E-10±7.55E-09	U			1.39E-08	µCi/mL	TM	EPA901.1M
0	Zinc-65	1.63E-09±7.68E-09	U			1.45E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	3.44E-09±6.58E-09	U			1.27E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	-3.70E-10±7.45E-09	U			1.35E-08	µCi/mL	TM	EPA901.1M

WELL HIN600TK Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99
Depth to water: Not available
Water elevation: Not available
pH: 4.2
Sp. conductance: 144 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 11:00
Water temperature: 18.2°C
Air temperature: 8.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<10.6	U		6	15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.135	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.31	U		6	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<0.392	U		6	2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<10.5	U			10.5	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	<2.99	U		6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Iron, total recoverable	<10.5	U		6	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
1	Mercury, total recoverable	1.68				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<0.0870	U		6	2.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.288	U		6	1.00	µg/L	GE	EPA6020
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

Well HIN600TK collected on 12/07/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Thallium, total recoverable	<0.0690	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<0.252	U	V	6	2.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<12.4	U	V	6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Actinium-228	2.73E-09±5.68E-09	U			1.02E-08	µCi/mL	GP	EPIA-013
0	Americium-241	8.60E-11±8.62E-11	U			6.42E-11	µCi/mL	GP	EPIA-011
0	Antimony-125	-5.19E-10±4.34E-09	U			7.29E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	7.89E-09±6.19E-09	U			1.02E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	-5.46E-09±1.22E-08	U			1.96E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	3.37E-10±1.71E-09	U			2.66E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	7.95E-10±1.60E-09	U			2.89E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-9.66E-10±1.62E-09	U			2.58E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.06E-10±1.57E-09	U			2.83E-09	µCi/mL	GP	EPIA-013
0	Curium-242	2.30E-11±4.51E-11	U			6.75E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.10E-11±4.75E-11	U			1.33E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			6.41E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-4.35E-09±4.88E-09	U			7.95E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.41E-09±5.12E-09	U			8.25E-09	µCi/mL	GP	EPIA-013
0	Europium-155	4.11E-09±6.55E-09	U			1.09E-08	µCi/mL	GP	EPIA-013
2	Iodine-129	2.00E-09±6.80E-10	J	I		7.97E-10	µCi/mL	GP	EPIA-006
0	Lead-212	1.82E-09±4.63E-09	U			4.82E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-7.18E-10±1.50E-09	U			2.53E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	-2.82E-09±5.44E-09	U			1.34E-08	µCi/mL	GP	EPIA-022
0	Plutonium-238	1.10E-11±4.55E-11	U			1.28E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.00E-11±1.97E-11	U			1.28E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	2.28E-08±1.67E-08	U			3.28E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.08E-09±1.40E-09	U			2.56E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.30E-09±2.07E-09	U			3.67E-09	µCi/mL	GP	EPIA-013
0	Radium-226	2.47E-10±2.97E-10	JU	L	C	4.56E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.10E-11±4.36E-10	U			9.25E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-7.12E-09±1.20E-08	U			2.05E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	5.15E-10±1.83E-09	U			2.94E-09	µCi/mL	GP	EPIA-013
0	Strontium-89/90	2.17E-09±7.69E-10	J	I		1.33E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-6.35E-09±8.26E-09	U			2.19E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-8.70E-11±1.89E-10	U			4.55E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	5.20E-11±8.76E-11	U			1.73E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	4.00E-11±5.73E-11	U			6.04E-11	µCi/mL	GP	EPIA-012
0	Uranium-233/234	-2.90E-11±3.31E-11	U			2.75E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	7.00E-11±1.14E-10	U			2.10E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-3.80E-11±3.83E-11	U			3.00E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.07E-09±2.19E-09	U			2.89E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	6.33E-09±4.28E-09	U			7.21E-09	µCi/mL	GP	EPIA-013

WELL HMD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 58.17 ft (17.73 m) below TOC
Water elevation: 206.33 ft (62.89 m) msl
pH: 6.2
Sp. conductance: 67 µS/cm
Turbidity: 36 NTU

Time: 9:10
Water temperature: 17.3°C
Air temperature: 9.2°C
Total alkalinity (as CaCO3): 20 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	13.7				13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	11,800				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	12,900				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	19.8				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	35.6	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	1.30	J	I		4.70	µg/L	WA	EPA6010B

Well HMD 1D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	18.5				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	60.0				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.80	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	34,600				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	38,300		V		74.0	µg/L	WA	EPA6010B
2	Lead, total recoverable	241				47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.80	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	7.50	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.510	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	14,900				680	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	75,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,440				1,000	µg/L	WA	EPA9060
0	Total organic halogens	37.3	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	219				53.0	µg/L	WA	EPA6010B
0	Carbon-14	-5.30E-09±5.14E-09	U			9.17E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.57E-09±5.46E-10	J	I		6.02E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.80E-09±5.53E-10	J	I		9.33E-10	µCi/mL	GP	EPIA-001
0	Radium-226	2.56E-10±5.02E-10	U			9.21E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.18E-10±4.74E-10	U			9.23E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	3.45E-10±5.18E-10	U			1.10E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.44E-05±9.08E-07				5.76E-07	µCi/mL	GP	EPIA-002

WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/21/99
Depth to water: 60.14 ft (18.33 m) below TOC
Water elevation: 200.96 ft (61.25 m) msl
pH: 6.6
Sp. conductance: 55 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 29 gal

Time: 12:11
Water temperature: 20°C
Air temperature: 18.8°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	6.88				13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	1,050				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	1,510				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	4.00				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	48.6	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well HMD 2D collected on 11/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	2.60	J	I		10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.90	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	7.70	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.39	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	947				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	1,580		V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	8.80	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.500	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	9,920				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	25,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	247	J	I		1,000	µg/L	WA	EPA9060
0	Total organic carbon	238	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	23.7	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	10.4	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.88E-08±5.91E-09				8.59E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.25E-10±4.00E-10	U			6.12E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.40E-10±5.52E-10	U			1.08E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.52E-10±6.38E-10	U			8.73E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-1.90E-10±4.91E-10	U			1.13E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	4.39E-10±5.85E-10	U			1.25E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.13E-05±7.47E-07				6.65E-07	µCi/mL	GP	EPIA-002

WELL HMD 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/21/99
Depth to water: 61.83 ft (18.85 m) below TOC
Water elevation: 197.67 ft (60.25 m) msl
pH: 7.4
Sp. conductance: 61 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 41 gal

Time: 11:32
Water temperature: 19.1°C
Air temperature: 18.6°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	2.95	J	I		13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	433				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<4.10	U	V		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	19.4				1.80	µg/L	WA	EPA6010B

Well HMD 3D collected on 11/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	59.8	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	7.60				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	14.1	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.03	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	1,210				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.40	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.730	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	15,200			X	680	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	6,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	309	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	23.5	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	10.4	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.15E-09±4.86E-09	U			8.56E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.07E-10±4.65E-10	U			7.94E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.48E-09±6.14E-10	J	I		1.13E-09	µCi/mL	GP	EPIA-001
0	Radium-226	5.79E-10±5.97E-10	U			8.95E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.93E-10±4.87E-10	U			1.01E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	4.72E-10±6.42E-10	U			1.38E-09	µCi/mL	GP	EPIA-004
2	Tritium	5.48E-05±1.46E-06				6.54E-07	µCi/mL	GP	EPIA-002
2	Tritium	5.55E-05±1.47E-06				6.56E-07	µCi/mL	GP	EPIA-002

WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 57.95 ft (17.66 m) below TOC
Water elevation: 192.95 ft (58.81 m) msl
pH: 6.6
Sp. conductance: 25 µS/cm
Turbidity: 11 NTU

Time: 9:18
Water temperature: 12.1°C
Air temperature: 7.7°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<6.85	U	V		13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	698				146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B

Well HMD 4D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	34.3				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	0.660	J	I		4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	1.60	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	73.7				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	C	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.65	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Iron, total recoverable	2,340				74.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	49.2				47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	5.40				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	5.50	J	I		26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	1,190				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	281,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<412	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	21.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	299				53.0	µg/L	WA	EPA6010B
0	Carbon-14	-1.26E-09±5.32E-09	U			9.26E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.99E-09±8.34E-10				6.73E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.70E-09±7.33E-10				1.14E-09	µCi/mL	GP	EPIA-001
0	Radium-226	6.30E-10±6.36E-10	U			9.70E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.25E-10±4.31E-10	U			8.21E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	6.29E-10±4.84E-10	U			9.71E-10	µCi/mL	GP	EPIA-004
2	Tritium	2.17E-05±8.75E-07				5.89E-07	µCi/mL	GP	EPIA-002

WELL HR8 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 45.48 ft (13.86 m) below TOC
Water elevation: 212.02 ft (64.62 m) msl
pH: 4.5
Sp. conductance: 28 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 13 gal

Time: 10:09
Water temperature: 22.5°C
Air temperature: 22°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	117	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B

Well HR8 12 collected on 10/12/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
2	Iron, total recoverable	764				74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<0.890	U	V		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
1	Total organic halogens	78.4	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL HR8 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 43.6 ft (13.29 m) below TOC
Water elevation: 209.5 ft (63.86 m) msl
pH: 4.5
Sp. conductance: 41 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 49 gal

Time: 9:21
Water temperature: 21.6°C
Air temperature: 21.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	292				146	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
1	Iron, total recoverable	194				74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<1.20	U	V		2.70	µg/L	WA	EPA6010B

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 35.77 ft (10.9 m) below TOC
Water elevation: 236.23 ft (72 m) msl
pH: 4.9
Sp. conductance: 106 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 45 gal

Time: 9:18
Water temperature: 21.5°C
Air temperature: 18.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.0982	J	I		0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	7,300				250	µg/L	GE	EPA353.1
0	pH	4.96	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	106				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.31E-10±4.24E-10	J	I		5.74E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	6.40E-10±4.16E-10	J	I		6.27E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.93E-09±8.12E-10				1.04E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.90E-09±8.20E-10				1.23E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.29E-03±2.50E-05				2.61E-06	µCi/mL	GP	EPIA-002

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 102.76 ft (31.32 m) below TOC
Water elevation: 170.84 ft (52.07 m) msl
pH: 7
Sp. conductance: 188 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 186 gal

Time: 9:41
Water temperature: 19.9°C
Air temperature: 19.5°C
Total alkalinity (as CaCO3): 66 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well HSB 65A collected on 10/05/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.21	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	190				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.95E-10±5.37E-10	U			1.13E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.85E-09±8.52E-10	J	I		1.63E-09	µCi/mL	GP	EPIA-001
0	Tritium	-1.82E-08±3.55E-07	U			6.22E-07	µCi/mL	GP	EPIA-002

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 49.4 ft (15.06 m) below TOC
Water elevation: 224.3 ft (68.37 m) msl
pH: 7.5
Sp. conductance: 190 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 171 gal

Time: 8:32
Water temperature: 19.7°C
Air temperature: 17.5°C
Total alkalinity (as CaCO3): 72 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	<30.0	U	V		50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	37.0				20.0	µg/L	WA	EPA353.2
0	pH	7.87	J	Q		0.100	pH	GE	EPA9040B
1	pH	8.37	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	189				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	165				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	3.42E-10±3.81E-10	U			6.89E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	8.60E-10±8.40E-10	U			1.32E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	3.50E-10±8.20E-10	U			1.49E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	9.25E-10±6.41E-10	U			1.28E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.80E-10±9.90E-10	U			1.69E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-3.40E-10±9.60E-10	U			1.73E-09	µCi/mL	TM	EPA900.0M
0	Tritium	-2.53E-08±3.45E-07	U			6.05E-07	µCi/mL	GP	EPIA-002
0	Tritium	6.30E-07±3.40E-07	J	I		5.30E-07	µCi/mL	TM	EPA906.0M
0	Tritium	5.80E-07±3.40E-07	J	I		5.30E-07	µCi/mL	TM	EPA906.0M
0	Tritium	6.80E-07±4.00E-07	J	I		6.30E-07	µCi/mL	TM	EPA906.0M
0	Tritium	3.40E-07±3.50E-07	U			5.90E-07	µCi/mL	TM	EPA906.0M

WELL HSB 65B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 49.4 ft (15.06 m) below TOC
Water elevation: 224.3 ft (68.37 m) msl
pH: 7.5
Sp. conductance: 190 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 171 gal

Time: 8:32
Water temperature: 19.7°C
Air temperature: 17.5°C
Total alkalinity (as CaCO3): 72 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<30.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.89	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	188				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.85E-10±3.59E-10	U			7.08E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.92E-10±5.35E-10	U			1.15E-09	µCi/mL	GP	EPIA-001
0	Tritium	-4.53E-07±3.44E-07	U		5	6.37E-07	µCi/mL	GP	EPIA-002

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 36.39 ft (11.09 m) below TOC
Water elevation: 237.21 ft (72.3 m) msl
pH: 4.8
Sp. conductance: 125 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 49 gal

Time: 8:25
Water temperature: 22.1°C
Air temperature: 17.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.517				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	11,300				250	µg/L	GE	EPA353.1
0	pH	4.98	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	125				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.37E-09±1.20E-09				1.16E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.60E-09±9.72E-10				1.42E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.55E-03±3.03E-05				2.94E-06	µCi/mL	GP	EPIA-002

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 69.51 ft (21.19 m) below TOC
Water elevation: 210.69 ft (64.22 m) msl
pH: 5.2
Sp. conductance: 29 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 45 gal

Time: 12:03
Water temperature: 21.5°C
Air temperature: 25.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,940				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,950				50.0	µg/L	GE	EPA353.1
0	pH	5.12	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	32.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.64E-09±6.07E-10	U	V		7.41E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.33E-09±6.16E-10	J	I		1.18E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.31E-05±7.30E-07				6.03E-07	µCi/mL	GP	EPIA-002

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/01/99
Depth to water: 26.03 ft (7.93 m) below TOC
Water elevation: 211.77 ft (64.55 m) msl
pH: 4.1
Sp. conductance: 107 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 24 gal

Time: 14:47
Water temperature: 20.5°C
Air temperature: 22°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Mercury, total recoverable	3.58				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	9,250				250	µg/L	GE	EPA353.1
0	pH	4.31	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	118				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.00E-09±2.43E-09				7.53E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.87E-07±7.46E-09				1.28E-09	µCi/mL	GP	EPIA-001
2	Tritium	9.02E-04±1.77E-05				2.14E-06	µCi/mL	GP	EPIA-002

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: Not available
Water elevation: Not available
pH: 4.2
Sp. conductance: 95 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 13:01
Water temperature: 19.2°C
Air temperature: 20.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Mercury, total recoverable	1.89				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	8,350				250	µg/L	GE	EPA353.1
0	pH	4.16	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	104				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	7.38E-08±4.48E-09				9.11E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.45E-06±1.06E-08				1.09E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.15E-04±2.30E-06				7.19E-07	µCi/mL	GP	EPIA-002

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 78 ft (23.77 m) below TOC
Water elevation: 171.4 ft (52.24 m) msl
pH: 6.6
Sp. conductance: 133 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 203 gal

Time: 11:21
Water temperature: 20°C
Air temperature: 21.8°C
Total alkalinity (as CaCO3): 49 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	35.0	J	Q		20.0	µg/L	WA	EPA353.2
0	pH	6.75	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.95	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	<127	U		6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	97.8				8.90	µS/cm	WA	EPA9050A
2	Gross alpha	1.74E-08±2.23E-09				1.12E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	6.69E-10±3.10E-10	J	I		3.87E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	6.40E-10±6.80E-10	U			1.09E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	-4.10E-10±5.70E-10	U			1.40E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.18E-08±1.29E-09				1.31E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.37E-09±1.06E-09	J	I		1.63E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.48E-09±1.11E-09	J	I		1.71E-09	µCi/mL	TM	EPA900.0M
0	Tritium	1.40E-06±4.29E-07	J	I		6.36E-07	µCi/mL	GP	EPIA-002
2	Tritium	8.17E-05±2.02E-06				5.60E-07	µCi/mL	TM	EPA906.0M
2	Tritium	7.88E-05±1.94E-06				5.30E-07	µCi/mL	TM	EPA906.0M
0	Tritium	1.26E-06±4.30E-07	J	I		6.10E-07	µCi/mL	TM	EPA906.0M
0	Tritium	1.30E-06±4.30E-07	J	I		6.10E-07	µCi/mL	TM	EPA906.0M

WELL HSB 68A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 78 ft (23.77 m) below TOC
Water elevation: 171.4 ft (52.24 m) msl
pH: 6.6
Sp. conductance: 133 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 203 gal

Time: 11:21
Water temperature: 20°C
Air temperature: 21.8°C
Total alkalinity (as CaCO3): 49 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.88	J	Q		0.100	pH	GE	EPA9040B

Well HSB 68A collected on 10/04/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Specific conductance	<126	U		6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.03E-10±3.49E-10	U			6.55E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.32E-09±6.51E-10	J	I		1.09E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.00E-06±3.90E-07	J	I		6.00E-07	µCi/mL	GP	EPIA-002

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 35.06 ft (10.69 m) below TOC
Water elevation: 214.94 ft (65.51 m) msl
pH: 7.5
Sp. conductance: 235 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 179 gal

Time: 11:46
Water temperature: 21.2°C
Air temperature: 20.9°C
Total alkalinity (as CaCO3): 98 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<40.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.22	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	192				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.09E-10±7.03E-10	U			1.45E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.71E-10±7.04E-10	U			1.50E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.43E-07±3.62E-07	U			6.13E-07	µCi/mL	GP	EPIA-002

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 34.52 ft (10.52 m) below TOC
Water elevation: 215.58 ft (65.71 m) msl
pH: 7.3
Sp. conductance: 126 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 12:10
Water temperature: 21.4°C
Air temperature: 21.3°C
Total alkalinity (as CaCO3): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.208				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	11,600				250	µg/L	GE	EPA353.1
0	pH	5.85	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	118				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.42E-09±6.72E-10	J	I		7.51E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.89E-10±5.90E-10	U			1.21E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.44E-03±2.81E-05				2.65E-06	µCi/mL	GP	EPIA-002

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 21.5 ft (6.55 m) below TOC
Water elevation: 214.5 ft (65.38 m) msl
pH: 4.5
Sp. conductance: 51 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 34 gal

Time: 12:35
Water temperature: 20.5°C
Air temperature: 20.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.0854	J	I		0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,210				50.0	µg/L	GE	EPA353.1
0	pH	4.28	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	53.0				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.04E-08±1.35E-09				6.38E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.36E-07±5.64E-09				1.16E-09	µCi/mL	GP	EPIA-001

Well HSB 69 collected on 10/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	3.08E-05±1.03E-06				5.91E-07	µCi/mL	GP	EPIA-002

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 64.95 ft (19.8 m) below TOC
Water elevation: 171.65 ft (52.32 m) msl
pH: 6.7
Sp. conductance: 152 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 140 gal

Time: 8:46
Water temperature: 20.4°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 63 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.04	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	155				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	9.75E-10±5.86E-10	J	I		7.28E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.26E-09±7.85E-10	J	K	C	1.19E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.24E-07±3.20E-07	U			5.42E-07	µCi/mL	GP	EPIA-002

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 26.95 ft (8.21 m) below TOC
Water elevation: 215.85 ft (65.79 m) msl
pH: 5.5
Sp. conductance: 57 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 12:46
Water temperature: 21.6°C
Air temperature: 28.4°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	440				50.0	µg/L	GE	EPA353.1
0	pH	5.56	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.57	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	58.9				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	58.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	9.71E-10±5.21E-10	J	I		6.64E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.02E-08±1.14E-09	J	K	C	1.29E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.46E-05±1.11E-06				5.36E-07	µCi/mL	GP	EPIA-002

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 24.42 ft (7.44 m) below TOC
Water elevation: 218.68 ft (66.65 m) msl
pH: 7
Sp. conductance: 433 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:20
Water temperature: 18.9°C
Air temperature: 24.7°C
Total alkalinity (as CaCO3): 38 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.0836	U	V		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	42,000				1,250	µg/L	GE	EPA353.1
1	pH	8.49	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	472				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.09E-09±1.03E-09	J	I		1.35E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.34E-07±3.81E-09				1.39E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.89E-03±9.22E-05				5.50E-06	µCi/mL	GP	EPIA-002

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/14/99
Depth to water: 21.6 ft (6.58 m) below TOC
Water elevation: 219.8 ft (67 m) msl
pH: 5.5
Sp. conductance: 33 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 42 gal

Time: 8:46
Water temperature: 19.8°C
Air temperature: 18°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,060				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,070				50.0	µg/L	GE	EPA353.1
0	pH	5.48	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	34.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.55E-10±5.04E-10	U	V		7.52E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.07E-09±7.35E-10	J	I		1.34E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.45E-05±1.40E-06				5.40E-07	µCi/mL	GP	EPIA-002

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 22.7 ft (6.92 m) below TOC
Water elevation: 218.9 ft (66.72 m) msl
pH: 6.5
Sp. conductance: 226 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:30
Water temperature: 18.3°C
Air temperature: 20.1°C
Total alkalinity (as CaCO3): 43 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.0394	U	V		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	17,300				1,250	µg/L	GE	EPA353.1
1	pH	8.26	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	197				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.66E-09±1.67E-09				1.09E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4.29E-08±2.32E-09				1.44E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.48E-03±2.90E-05				2.86E-06	µCi/mL	GP	EPIA-002

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 64.5 ft (19.66 m) below TOC
Water elevation: 172.8 ft (52.67 m) msl
pH: 7.1
Sp. conductance: 174 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 281 gal

Time: 12:27
Water temperature: 19.5°C
Air temperature: 20.7°C
Total alkalinity (as CaCO3): 61 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.00	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	173				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.57E-10±5.22E-10	U			9.27E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.20E-10±6.64E-10	U			1.40E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.26E-07±3.78E-07	U			6.44E-07	µCi/mL	GP	EPIA-002

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 14.85 ft (4.53 m) below TOC
Water elevation: 222.15 ft (67.71 m) msl
pH: 6.7
Sp. conductance: 104 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 235 gal

Time: 12:17
Water temperature: 19.8°C
Air temperature: 21°C
Total alkalinity (as CaCO3): 40 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<40.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.87	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	104				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.22E-11±2.87E-10	U			7.06E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.29E-09±5.99E-10	J	I		1.11E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.06E-06±3.97E-07	J	I		6.07E-07	µCi/mL	GP	EPIA-002

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 12.98 ft (3.96 m) below TOC
Water elevation: 224.12 ft (68.31 m) msl
pH: 5.1
Sp. conductance: 20 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 155 gal

Time: 13:02
Water temperature: 19.8°C
Air temperature: 20.3°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<40.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.49	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	19.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-2.33E-11±3.22E-10	U			8.12E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.15E-11±6.09E-10	U			1.40E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.08E-07±3.49E-07	U			6.01E-07	µCi/mL	GP	EPIA-002

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 13.17 ft (4.01 m) below TOC
Water elevation: 223.83 ft (68.22 m) msl
pH: 5
Sp. conductance: 56 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 55 gal

Time: 12:55
Water temperature: 20.8°C
Air temperature: 20.3°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.220				0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	3,000				150	µg/L	GE	EPA353.1
0	pH	5.29	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.28	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	56.9				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	57.0				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.16E-10±3.52E-10	U			8.39E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.63E-10±6.69E-10	U			1.49E-09	µCi/mL	GP	EPIA-001
2	Tritium	7.27E-05±1.58E-06				6.12E-07	µCi/mL	GP	EPIA-002

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 56.25 ft (17.15 m) below TOC
Water elevation: 172.45 ft (52.56 m) msl
pH: 6.8
Sp. conductance: 107 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 206 gal

Time: 14:02
Water temperature: 20.9°C
Air temperature: 24.2°C
Total alkalinity (as CaCO3): 39 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<30.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.34	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.36	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	103				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.18E-09±1.64E-09	J	I		2.15E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.41E-08±2.40E-09				2.34E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.34E-06±3.63E-07				5.38E-07	µCi/mL	GP	EPIA-002

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 20.18 ft (6.15 m) below TOC
Water elevation: 208.72 ft (63.62 m) msl
pH: 7.4
Sp. conductance: 193 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 128 gal

Time: 15:29
Water temperature: 20.8°C
Air temperature: 24°C
Total alkalinity (as CaCO3): 80 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	770				50.0	µg/L	GE	EPA353.1
0	pH	7.46	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.49	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	179				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.19E-10±6.71E-10	U			1.06E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.58E-09±8.95E-10				1.45E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.43E-05±9.75E-07				6.31E-07	µCi/mL	GP	EPIA-002

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 18.05 ft (5.5 m) below TOC
Water elevation: 211.05 ft (64.33 m) msl
pH: 6.8
Sp. conductance: 78 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 15:12
Water temperature: 20.8°C
Air temperature: 22.7°C
Total alkalinity (as CaCO3): 18 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	3,090				150	µg/L	GE	EPA353.1
0	pH	6.75	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	74.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.94E-10±5.61E-10	J	I		7.91E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.33E-09±1.11E-09				1.63E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.58E-04±7.05E-06				1.32E-06	µCi/mL	GP	EPIA-002

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 14.5 ft (4.42 m) below TOC
Water elevation: 214.3 ft (65.32 m) msl
pH: 4.6
Sp. conductance: 44 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 29 gal

Time: 12:00
Water temperature: 19.8°C
Air temperature: 25.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,760				50.0	µg/L	GE	EPA353.1
0	pH	4.37	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.37	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	43.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.77E-09±8.40E-10				4.19E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.69E-07±4.82E-09				9.74E-10	µCi/mL	GP	EPIA-001
2	Tritium	2.60E-05±9.72E-07				5.72E-07	µCi/mL	GP	EPIA-002

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 125.96 ft (38.39 m) below TOC
Water elevation: 168.44 ft (51.34 m) msl
pH: 6.6
Sp. conductance: 184 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 201 gal

Time: 10:24
Water temperature: 19.9°C
Air temperature: 23°C
Total alkalinity (as CaCO3): 74 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.44	U		6	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	30.4				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<2.70	U		6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	5.72				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	61.7				25.0	µg/L	GE	EPA6020
0	Iron, total recoverable	<37.0	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	0.463	J	I		2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<40.0	U	V		50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	30.0				20.0	µg/L	WA	EPA353.2
0	pH	6.98	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.99	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.14	J	Q		0.100	pH	WA	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	200				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	166				8.90	µS/cm	WA	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.8	U		6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	6.41E-10±5.11E-10	U			8.82E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.23E-09±1.00E-09	J	I		1.22E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.29E-09±5.76E-10	J	I		1.06E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.78E-09±1.01E-09	J	I		1.49E-09	µCi/mL	TM	EPA900.0M
0	Tritium	1.05E-07±3.47E-07	U			5.99E-07	µCi/mL	GP	EPIA-002
0	Tritium	1.00E-08±3.00E-07	U			5.40E-07	µCi/mL	TM	EPA906.0M

WELL HSB 85A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 125.96 ft (38.39 m) below TOC
Water elevation: 168.44 ft (51.34 m) msl
pH: 6.6
Sp. conductance: 184 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 201 gal

Time: 10:24
Water temperature: 19.9°C
Air temperature: 23°C
Total alkalinity (as CaCO3): 74 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.27	U		6	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	30.8				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0300	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.68	U		6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	1.41				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	54.5				25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.493	J	I		2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
2	pH	1.43	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
2	Specific conductance	2,580				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.3	U		6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	5.05E-10±8.00E-10	U			1.67E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.00E-09±6.41E-10	U			1.27E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.59E-08±3.62E-07	U			6.31E-07	µCi/mL	GP	EPIA-002

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 125.94 ft (38.39 m) below TOC
Water elevation: 168.46 ft (51.35 m) msl
pH: 6.6
Sp. conductance: 179 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 278 gal

Time: 9:46
Water temperature: 19.9°C
Air temperature: 22.6°C
Total alkalinity (as CaCO3): 81 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	83.5				26.8	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	84.5				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	28.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<1.10	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	2.70	J	I		15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well HSB 85A collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.13	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.60				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	5,780				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	140,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	191	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	30.0	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.56E-09±4.83E-09	U			8.59E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.33E-10±4.82E-10	U			8.32E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.33E-09±5.68E-10	J	I		1.03E-09	µCi/mL	GP	EPIA-001
0	Radium-226	6.16E-10±4.93E-10	J	I		2.78E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.84E-10±4.55E-10	U			9.17E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.85E-10±6.49E-10	U			1.58E-09	µCi/mL	GP	EPIA-004
0	Tritium	-8.91E-08±3.55E-07	U			6.28E-07	µCi/mL	GP	EPIA-002

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 61.61 ft (18.78 m) below TOC
Water elevation: 232.89 ft (70.99 m) msl
pH: 10.9
Sp. conductance: 399 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:47
Water temperature: 21.6°C
Air temperature: 24.7°C
Total alkalinity (as CaCO3): 73 mg/L
Phenolphthalein alkalinity: 73 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	890				50.0	µg/L	GE	EPA353.1
2	pH	10.8	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	430				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.79E-10±5.25E-10	U			1.14E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.10E-09±7.17E-10	J	I		1.28E-09	µCi/mL	GP	EPIA-001
0	Tritium	4.24E-06±5.01E-07				5.86E-07	µCi/mL	GP	EPIA-002

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 61.59 ft (18.77 m) below TOC
Water elevation: 232.91 ft (70.99 m) msl
pH: 10.3
Sp. conductance: 204 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:05
Water temperature: 22.4°C
Air temperature: 24.4°C
Total alkalinity (as CaCO3): 46 mg/L
Phenolphthalein alkalinity: 46 mg/L
Field Qualifier(s): SXH

Well HSB 85B collected on 11/19/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetophenone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Aldrin	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	82.5				26.8	mg/L	WA	EPA310.1
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Aluminum, total recoverable	792				146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	<20.0	U			20.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	28.6				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Benzene hexachloride	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	4-Chloroaniline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzilate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chromium, total recoverable	3.60	J	I		7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	<10.2	U			10.2	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	JU	Q		15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A

Well HSB 85B collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	p,p'-DDE	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Diallate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	U			20.0	µg/L	WA	EPA8270C
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.11	JU	K	CI	1.11	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dieldrin	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	2,4-Dimethyl phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Endosulfan II	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Endrin	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<1.25	U			1.25	µg/L	WA	EPA8141A
0	Fluoranthene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Heptachlor	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	U			250	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	61.8	J	I		74.0	µg/L	WA	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isodrin	<0.104	JU	Q		0.104	µg/L	WA	EPA8081A
0	Isophorone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Kepone	<0.520	JU	Q		0.520	µg/L	WA	EPA8081A
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0520	JU	Q		0.0520	µg/L	WA	EPA8081A
0	Lithium, total recoverable	5.40				2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A

Well HSB 85B collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methapyrilene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.520	JU	Q		0.520	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl methacrylate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	U			10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	m-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	U			20.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	U			50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Parathion methyl	<0.520	U			0.520	µg/L	WA	EPA8141A
0	PCB 1016	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1221	<2.08	U			2.08	µg/L	WA	EPA8082
0	PCB 1232	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1242	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1248	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1254	<1.04	U			1.04	µg/L	WA	EPA8082
0	PCB 1260	<1.04	U			1.04	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	U			50.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Phorate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	2-Picoline	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Pyrene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.530	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Sulfate	972				340	µg/L	WA	EPA9056
0	Sulfide	<10,000	U			10,000	µg/L	WA	EPA9034
0	Sulfide	<10,000	U			10,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.520	U			0.520	µg/L	WA	EPA8141A
0	2,4,5-T	<0.555	U			0.555	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,3,4,6-Tetrachlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.520	U			0.520	µg/L	WA	EPA8141A
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	o-Toluidine	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Total dissolved solids	122,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	267	J	I		1,000	µg/L	WA	EPA9060

Well HSB 85B collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total organic halogens	31.2	J	I	X	120	µg/L	WA	EPA9020B
0	Toxaphene	<5.20	JU	Q		5.20	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.555	U			0.555	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<26.0	U			26.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	U			10.0	µg/L	WA	EPA8270C
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<0.520	U			0.520	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	<10.0	U			10.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	8.80				6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	5.80	J	I		53.0	µg/L	WA	EPA6010B
0	Actinium-228	1.61E-08±1.60E-08	R		4	1.50E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-2.81E-11±3.27E-11	U			3.34E-10	µCi/mL	GP	EPIA-011
0	Americium-241	6.26E-11±1.02E-10	U			1.88E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	3.22E-11±5.57E-09	U			9.76E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	-4.41E-09±4.81E-09	U			8.61E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	-1.66E-09±1.31E-08	U			2.21E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-9.24E-11±2.16E-09	U			3.24E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	5.31E-10±2.05E-09	U			3.64E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	5.78E-10±1.72E-09	U			2.94E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-4.49E-10±2.06E-09	U			3.64E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.02E-11±2.04E-11	U			2.81E-10	µCi/mL	GP	EPIA-011
0	Curium-242	<0.00E+00	U			1.16E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.87E-11±2.67E-11	U			3.01E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	<0.00E+00	U			1.07E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			1.56E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			1.07E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.35E-09±5.29E-09	U			9.43E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-6.53E-10±4.80E-09	U			8.65E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.10E-09±7.14E-09	U			1.21E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	3.38E-10±3.58E-10	U			6.25E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-2.85E-11±3.70E-10	U			6.30E-10	µCi/mL	GP	EPIA-006
0	Iodine-129	4.11E-10±4.24E-10	U			1.23E-09	µCi/mL	GP	EPIA-006
0	Lead-212	9.44E-10±6.58E-09	U			7.04E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.52E-10±1.75E-09	U			3.07E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-8.01E-12±1.60E-11	U			2.21E-10	µCi/mL	GP	EPIA-032
0	Neptunium-237	-1.53E-11±2.17E-11	U			2.47E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	5.18E-08±5.83E-08	JU	L	I	9.79E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	-5.85E-09±5.72E-08	JU	L	I	9.86E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	2.36E-09±6.99E-10	J	I		1.18E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-4.47E-11±2.31E-10	U			6.28E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	6.42E-11±1.05E-10	U			1.92E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.85E-11±2.64E-11	U			2.40E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	<0.00E+00	U			1.09E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	6.02E-08±5.01E-08	R		4	4.07E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.19E-09±2.03E-09	U			3.64E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.20E-09±2.41E-09	U			4.11E-09	µCi/mL	GP	EPIA-013
0	Radium-226	6.18E-10±4.58E-10	J	I		2.39E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.76E-10±3.90E-10	U			8.28E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.00E-08±1.74E-08	U			3.15E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.29E-10±1.72E-09	U			3.09E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	5.09E-11±5.76E-10	U			1.33E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-4.52E-09±9.57E-09	U			2.02E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	6.18E-11±2.33E-10	U			5.47E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.71E-11±6.97E-11	U			2.05E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-7.91E-12±1.59E-11	U			1.74E-10	µCi/mL	GP	EPIA-012
0	Tritium	3.18E-06±4.91E-07				6.32E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	4.58E-11±9.25E-11	U			2.06E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-6.12E-12±1.23E-11	U			1.35E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	1.32E-11±5.38E-11	U			1.58E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	2.67E-10±2.36E-09	U			4.34E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.06E-09±4.20E-09	U			7.25E-09	µCi/mL	GP	EPIA-013

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 62.92 ft (19.18 m) below TOC
Water elevation: 231.18 ft (70.46 m) msl
pH: 4.5
Sp. conductance: 41 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 50 gal

Time: 9:56
Water temperature: 20.7°C
Air temperature: 22°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,740				50.0	µg/L	GE	EPA353.1
0	pH	4.52	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	45.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.69E-09±7.60E-10	U		6	8.22E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.88E-09±7.07E-10	J	I		1.30E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.14E-05±6.91E-07				5.77E-07	µCi/mL	GP	EPIA-002

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 62.88 ft (19.17 m) below TOC
Water elevation: 231.22 ft (70.48 m) msl
pH: 5
Sp. conductance: 38 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 96 gal

Time: 11:26
Water temperature: 21.1°C
Air temperature: 27.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<13.4	U			13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	75.7	J	I		146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	12.9				1.80	µg/L	WA	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	99.0				15.0	µg/L	WA	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.80	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.560	J	I		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	263	J	I		340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well HSB 85C collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	34,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	176	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	14.8	J	I	X	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-3.48E-09±4.87E-09	U			8.65E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.95E-09±6.78E-10	J	I		6.49E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.01E-09±7.27E-10				1.13E-09	µCi/mL	GP	EPIA-001
0	Radium-226	4.67E-10±6.07E-10	U			1.01E-09	µCi/mL	GP	EPIA-008
0	Radium-228	1.08E-09±5.62E-10	U			1.09E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	3.47E-10±6.56E-10	U			1.44E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.08E-05±7.01E-07				6.18E-07	µCi/mL	GP	EPIA-002

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 94.27 ft (28.73 m) below TOC
Water elevation: 168.13 ft (51.25 m) msl
pH: 6.5
Sp. conductance: 127 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 179 gal

Time: 9:12
Water temperature: 20.7°C
Air temperature: 22.3°C
Total alkalinity (as CaCO3): 40 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.61	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	119				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.97E-10±5.82E-10	U			1.01E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.67E-09±6.71E-10	J	I		1.22E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.10E-06±4.78E-07				6.70E-07	µCi/mL	GP	EPIA-002

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 44.05 ft (13.43 m) below TOC
Water elevation: 217.85 ft (66.4 m) msl
pH: 7.3
Sp. conductance: 213 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 185 gal

Time: 9:27
Water temperature: 20.7°C
Air temperature: 22.1°C
Total alkalinity (as CaCO3): 95 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	230				50.0	µg/L	GE	EPA353.1
0	pH	7.79	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	216				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.33E-10±5.41E-10	U			9.45E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.38E-09±7.18E-10	J	I		1.25E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.36E-05±8.08E-07				6.50E-07	µCi/mL	GP	EPIA-002

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 46.78 ft (14.26 m) below TOC
Water elevation: 216.12 ft (65.87 m) msl
pH: 4.6
Sp. conductance: 286 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 40 gal

Time: 13:25
Water temperature: 19.8°C
Air temperature: 23.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.863				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	27,800	J	Q		1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	29,500	J	Q		1,250	µg/L	GE	EPA353.1
0	pH	5.06	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	291				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.51E-09±1.53E-09				1.36E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	8.88E-08±4.32E-09				2.61E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.58E-03±1.05E-04				6.33E-06	µCi/mL	GP	EPIA-002

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 44.88 ft (13.68 m) below TOC
Water elevation: 218.12 ft (66.48 m) msl
pH: 3.8
Sp. conductance: 264 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 14:03
Water temperature: 19.8°C
Air temperature: 24.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.424				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	27,300	J	Q		1,250	µg/L	GE	EPA353.1
0	pH	4.00	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	284				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	285				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.58E-08±3.45E-09				1.52E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.20E-06±1.53E-08				2.51E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.13E-03±6.10E-05				4.65E-06	µCi/mL	GP	EPIA-002

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 33.85 ft (10.32 m) below TOC
Water elevation: 226.35 ft (68.99 m) msl
pH: 5.7
Sp. conductance: 33 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 155 gal

Time: 12:44
Water temperature: 20.6°C
Air temperature: 20.8°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	140				50.0	µg/L	GE	EPA353.1
0	pH	5.72	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	30.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.31E-10±3.23E-10	U			5.59E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.63E-11±5.69E-10	U			1.30E-09	µCi/mL	GP	EPIA-001
0	Tritium	9.19E-07±4.03E-07	J	I		6.33E-07	µCi/mL	GP	EPIA-002

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 24.64 ft (7.51 m) below TOC
Water elevation: 235.46 ft (71.77 m) msl
pH: 5.2
Sp. conductance: 53 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 12:34
Water temperature: 21.4°C
Air temperature: 21.3°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,290				50.0	µg/L	GE	EPA353.1
0	pH	5.36	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	48.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.63E-09±1.32E-09	J	I		9.48E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.26E-07±3.85E-09				1.28E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.99E-05±1.44E-06				6.12E-07	µCi/mL	GP	EPIA-002

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 26.74 ft (8.15 m) below TOC
Water elevation: 231.76 ft (70.64 m) msl
pH: 6.4
Sp. conductance: 460 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:35
Water temperature: 21.4°C
Air temperature: 26.4°C
Total alkalinity (as CaCO3): 77 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Mercury, total recoverable	9.85				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	38,000				1,250	µg/L	GE	EPA353.1
0	pH	6.67	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	500				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.02E-08±2.05E-09				1.22E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.05E-07±4.70E-09				1.37E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.26E-03±4.34E-05				3.57E-06	µCi/mL	GP	EPIA-002

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99
Depth to water: 27.27 ft (8.31 m) below TOC
Water elevation: 231.23 ft (70.48 m) msl
pH: 6.5
Sp. conductance: 539 µS/cm
Turbidity: 1 NTU

Time: 10:45
Water temperature: 20.6°C
Air temperature: 15.8°C
Total alkalinity (as CaCO3): 92 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sulfide	1,000	R	L	CI	1,000	µg/L	GE	EPA9034

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 33.35 ft (10.17 m) below TOC
Water elevation: 225.35 ft (68.69 m) msl
pH: 6
Sp. conductance: 45 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 37 gal

Time: 13:13
Water temperature: 20.6°C
Air temperature: 21°C
Total alkalinity (as CaCO3): 10 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well HSB101D collected on 10/05/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	480				50.0	µg/L	GE	EPA353.1
0	pH	5.91	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	37.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.53E-10±4.00E-10	U			7.22E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.11E-10±6.55E-10	U			1.32E-09	µCi/mL	GP	EPIA-001
0	Tritium	4.55E-06±5.26E-07				6.20E-07	µCi/mL	GP	EPIA-002

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 34.83 ft (10.62 m) below TOC
Water elevation: 224.17 ft (68.33 m) msl
pH: 6
Sp. conductance: 165 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 130 gal

Time: 13:59
Water temperature: 20.9°C
Air temperature: 23.8°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.433				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	12,000				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	12,000				1,250	µg/L	GE	EPA353.1
0	pH	5.98	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	151				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.90E-09±9.11E-10	J	I		1.31E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.25E-09±8.95E-10	J	I		1.50E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.11E-04±2.22E-06				7.06E-07	µCi/mL	GP	EPIA-002

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/02/99
Depth to water: 29.87 ft (9.1 m) below TOC
Water elevation: 228.73 ft (69.72 m) msl
pH: 3.9
Sp. conductance: 231 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 4 gal

Time: 13:19
Water temperature: 23.5°C
Air temperature: 20.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Mercury, total recoverable	7.11				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	22,600				500	µg/L	GE	EPA353.1
1	pH	3.67	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	253				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.14E-07±7.03E-09				1.48E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.66E-06±2.65E-08				2.56E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.91E-03±5.68E-05				4.48E-06	µCi/mL	GP	EPIA-002

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99
Depth to water: 30.37 ft (9.26 m) below TOC
Water elevation: 228.23 ft (69.57 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available

Time: 8:37
Water temperature: Not available
Air temperature: 9.6°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	6,320				50.0	µg/L	GE	EPA6010B
2	Aluminum, total recoverable	6,380				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.544				0.200	µg/L	GE	EPA6020

Well HSB102D collected on 12/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Iron, total recoverable	338				50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<244	U	V		50.0	µg/L	GE	EPA6010B
0	Sulfide	<1,000	JU	LQ	C	1,000	µg/L	GE	EPA9034

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 24.75 ft (7.54 m) below TOC
Water elevation: 222.65 ft (67.86 m) msl
pH: 4.8
Sp. conductance: 217 µS/cm
Turbidity: 0 NTU
No water was evacuated from the well prior to sampling.

Time: 9:30
Water temperature: 20.6°C
Air temperature: 24°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Mercury, total recoverable	1.37				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	21,600				500	µg/L	GE	EPA353.1
0	pH	4.97	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.99	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	213				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	213				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.92E-09±1.19E-09				9.90E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	5.29E-09±1.22E-09				9.25E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.77E-08±1.46E-09	J	K	C	1.43E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.92E-08±1.49E-09	J	K	C	1.37E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.33E-04±8.51E-06				1.27E-06	µCi/mL	GP	EPIA-002
2	Tritium	4.49E-04±8.83E-06				1.30E-06	µCi/mL	GP	EPIA-002

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 24.13 ft (7.35 m) below TOC
Water elevation: 223.47 ft (68.11 m) msl
pH: 4.4
Sp. conductance: 173 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 19 gal

Time: 9:02
Water temperature: 20.1°C
Air temperature: 18.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Mercury, total recoverable	2.44				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	13,500				1,250	µg/L	GE	EPA353.1
0	pH	4.60	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	176				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.22E-08±1.67E-09				9.93E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.75E-07±4.56E-09				1.06E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.00E-03±1.95E-05				2.48E-06	µCi/mL	GP	EPIA-002

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 28.89 ft (8.81 m) below TOC
Water elevation: 219.01 ft (66.76 m) msl
pH: 6.7
Sp. conductance: 126 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 99 gal

Time: 15:41
Water temperature: 21.5°C
Air temperature: 29.6°C
Total alkalinity (as CaCO3): 26 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	6,990				150	µg/L	GE	EPA353.1
0	pH	6.76	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	129				1.00	µS/cm	GE	EPA9050A

Well HSB104C collected on 10/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.52E-09±7.34E-10	J	IK	C	8.23E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.05E-08±1.32E-09				1.61E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.91E-04±3.77E-06				8.52E-07	µCi/mL	GP	EPIA-002

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 26.45 ft (8.06 m) below TOC
Water elevation: 221.35 ft (67.47 m) msl
pH: 4.4
Sp. conductance: 104 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 32 gal

Time: 9:41
Water temperature: 19.9°C
Air temperature: 19.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Mercury, total recoverable	2.11				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	7,250				250	µg/L	GE	EPA353.1
0	pH	4.40	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	108				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	9.39E-09±1.70E-09				7.50E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.91E-07±5.02E-09				1.14E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.32E-04±6.54E-06				1.25E-06	µCi/mL	GP	EPIA-002
2	Tritium	3.28E-04±6.47E-06				1.25E-06	µCi/mL	GP	EPIA-002

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 30.59 ft (9.32 m) below TOC
Water elevation: 218.91 ft (66.72 m) msl
pH: 6.1
Sp. conductance: 89 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 169 gal

Time: 10:02
Water temperature: 20.5°C
Air temperature: 24.9°C
Total alkalinity (as CaCO3): 15 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	4,530				150	µg/L	GE	EPA353.1
0	pH	6.08	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	90.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-3.15E-11±2.79E-10	U			7.74E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.89E-10±6.66E-10	U			1.35E-09	µCi/mL	GP	EPIA-001
2	Tritium	9.53E-05±1.91E-06				5.93E-07	µCi/mL	GP	EPIA-002

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 27.8 ft (8.47 m) below TOC
Water elevation: 221.7 ft (67.57 m) msl
pH: 4.2
Sp. conductance: 116 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 23 gal

Time: 10:10
Water temperature: 19.7°C
Air temperature: 20.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Mercury, total recoverable	6.93				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	8,500				250	µg/L	GE	EPA353.1
0	pH	4.21	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	124				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.84E-08±1.88E-09				9.19E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.02E-07±5.80E-09				1.30E-09	µCi/mL	GP	EPIA-001
2	Tritium	7.74E-04±1.51E-05				1.86E-06	µCi/mL	GP	EPIA-002

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99
Depth to water: 28 ft (8.53 m) below TOC
Water elevation: 221.5 ft (67.51 m) msl
pH: 4.5
Sp. conductance: 128 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 22 gal

Time: 10:21
Water temperature: 19.8°C
Air temperature: 16.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sulfide	580	J	ILQ	C	1,000	µg/L	GE	EPA9034

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 32.45 ft (9.89 m) below TOC
Water elevation: 220.45 ft (67.19 m) msl
pH: 6.3
Sp. conductance: 84 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 122 gal

Time: 10:46
Water temperature: 20.9°C
Air temperature: 30.3°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.324				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	5,670				150	µg/L	GE	EPA353.1
0	pH	6.03	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	86.0				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.59E-10±5.74E-10	U			9.86E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.75E-09±7.97E-10	J	I		1.50E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.37E-04±2.71E-06				7.15E-07	µCi/mL	GP	EPIA-002

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 29.56 ft (9.01 m) below TOC
Water elevation: 223.34 ft (68.07 m) msl
pH: 4.4
Sp. conductance: 90 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 27 gal

Time: 10:43
Water temperature: 19.9°C
Air temperature: 20.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.481				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	6,850				250	µg/L	GE	EPA353.1
0	pH	4.55	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	99.4				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	8.03E-09±1.45E-09				8.47E-10	µCi/mL	GP	EPIA-001
1	Gross alpha	9.53E-09±1.32E-09				6.59E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.67E-07±5.38E-09				1.16E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.86E-07±4.59E-09				9.77E-10	µCi/mL	GP	EPIA-001
2	Tritium	4.19E-04±8.24E-06				1.34E-06	µCi/mL	GP	EPIA-002

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/15/99
Depth to water: 44.2 ft (13.47 m) below TOC
Water elevation: 217.4 ft (66.26 m) msl
pH: 6.7
Sp. conductance: 136 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 95 gal

Time: 9:57
Water temperature: 19.9°C
Air temperature: 21.7°C
Total alkalinity (as CaCO3): 26 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
1	Nitrate-nitrite as nitrogen	8,300				250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	8,100				500	µg/L	WA	EPA353.2
0	pH	6.63	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.40	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	146				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	131				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	6.25E-10±4.36E-10	U			6.46E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.11E-09±8.70E-10	U			1.31E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.92E-09±1.05E-09	J	I		1.43E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	7.00E-09±8.99E-10				9.90E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.42E-08±1.72E-09				1.84E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.62E-08±1.81E-09				1.87E-09	µCi/mL	TM	EPA900.0M
2	Tritium	3.13E-04±6.17E-06				1.21E-06	µCi/mL	GP	EPIA-002
2	Tritium	3.90E-04±4.61E-06				7.90E-07	µCi/mL	TM	EPA906.0M
2	Tritium	3.56E-04±4.22E-06				7.30E-07	µCi/mL	TM	EPA906.0M

WELL HSB107C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/15/99
Depth to water: 44.2 ft (13.47 m) below TOC
Water elevation: 217.4 ft (66.26 m) msl
pH: 6.7
Sp. conductance: 136 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 95 gal

Time: 9:57
Water temperature: 19.9°C
Air temperature: 21.7°C
Total alkalinity (as CaCO3): 26 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	8,050				250	µg/L	GE	EPA353.1
0	pH	6.65	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	145				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.88E-10±3.85E-10	U	V		5.42E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.16E-09±9.09E-10				1.19E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.17E-04±6.23E-06				1.24E-06	µCi/mL	GP	EPIA-002

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 41.23 ft (12.57 m) below TOC
Water elevation: 221.07 ft (67.38 m) msl
pH: 4.9
Sp. conductance: 109 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 22 gal

Time: 11:11
Water temperature: 19.5°C
Air temperature: 20.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Mercury, total recoverable	1.26				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	10,000				250	µg/L	GE	EPA353.1
0	pH	5.06	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	102				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	8.42E-09±1.57E-09				7.42E-10	µCi/mL	GP	EPIA-001
1	Gross alpha	7.57E-09±1.23E-09				6.65E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.91E-07±6.55E-09				1.26E-09	µCi/mL	GP	EPIA-001

Well HSB107D collected on 10/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Nonvolatile beta	3.68E-07±5.23E-09				9.80E-10	µCi/mL	GP	EPIA-001
2	Tritium	1.36E-04±2.69E-06				7.37E-07	µCi/mL	GP	EPIA-002
2	Tritium	1.38E-04±2.73E-06				7.45E-07	µCi/mL	GP	EPIA-002

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 49.77 ft (15.17 m) below TOC
Water elevation: 216.43 ft (65.97 m) msl
pH: 6.8
Sp. conductance: 123 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 73 gal

Time: 11:30
Water temperature: 21.5°C
Air temperature: 25.9°C
Total alkalinity (as CaCO3): 50 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,330				50.0	µg/L	GE	EPA353.1
0	pH	7.08	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	136				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.79E-10±4.45E-10	U			8.53E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.51E-09±7.42E-10	J	I		1.42E-09	µCi/mL	GP	EPIA-001
2	Tritium	9.82E-05±1.96E-06				5.95E-07	µCi/mL	GP	EPIA-002

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 47.01 ft (14.33 m) below TOC
Water elevation: 219.29 ft (66.84 m) msl
pH: 4.6
Sp. conductance: 68 µS/cm
Turbidity: 1 NTU

Time: 13:15
Water temperature: 19.7°C
Air temperature: 20.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Mercury, total recoverable	6.27				0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	4,920				150	µg/L	GE	EPA353.1
0	pH	4.61	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	69.1				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.23E-08±1.69E-09				5.86E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.71E-06±1.31E-08				1.37E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.05E-04±6.00E-06				1.17E-06	µCi/mL	GP	EPIA-002

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 44.95 ft (13.7 m) below TOC
Water elevation: 216.65 ft (66.04 m) msl
pH: 6.3
Sp. conductance: 47 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 76 gal

Time: 12:13
Water temperature: 21.3°C
Air temperature: 27°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,750				50.0	µg/L	GE	EPA353.1
0	pH	6.09	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	50.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.26E-10±4.74E-10	U			9.37E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.36E-10±7.15E-10	U			1.57E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.91E-05±1.11E-06				5.20E-07	µCi/mL	GP	EPIA-002

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 38.89 ft (11.85 m) below TOC
Water elevation: 216.81 ft (66.08 m) msl
pH: 5.2
Sp. conductance: 21 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 71 gal

Time: 8:50
Water temperature: 19.8°C
Air temperature: 21.2°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	520				50.0	µg/L	GE	EPA353.1
0	pH	5.40	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	20.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.45E-10±3.73E-10	U			6.21E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-1.63E-10±6.15E-10	U			1.40E-09	µCi/mL	GP	EPIA-001
0	Tritium	7.25E-06±6.51E-07				6.63E-07	µCi/mL	GP	EPIA-002

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: Not available
Water elevation: Not available
pH: 4.6
Sp. conductance: 37 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 18 gal

Time: 8:57
Water temperature: 19.6°C
Air temperature: 17.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.0754	J	I		0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,400				50.0	µg/L	GE	EPA353.1
0	pH	4.49	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	39.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.77E-09±9.71E-10	J	IK	C	9.81E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.62E-08±2.92E-09				1.46E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.99E-05±9.10E-07				6.32E-07	µCi/mL	GP	EPIA-002

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 38.7 ft (11.8 m) below TOC
Water elevation: 217.3 ft (66.23 m) msl
pH: 5.2
Sp. conductance: 51 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 144 gal

Time: 12:04
Water temperature: 20.4°C
Air temperature: 33.7°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	4,170				150	µg/L	GE	EPA353.1
0	pH	5.36	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	55.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.66E-10±5.14E-10	U			8.23E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.31E-09±9.83E-10				1.42E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.49E-04±8.80E-06				1.33E-06	µCi/mL	GP	EPIA-002

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 40.28 ft (12.28 m) below TOC
Water elevation: 215.72 ft (65.75 m) msl
pH: 4.8
Sp. conductance: 202 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 53 gal

Time: 8:40
Water temperature: 19.2°C
Air temperature: 16.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.0690	U	V		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	19,800				1,250	µg/L	GE	EPA353.1
0	pH	5.21	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	205				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.38E-09±1.01E-09	J	I		1.45E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4.83E-08±2.31E-09				1.32E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.53E-03±4.93E-05				3.84E-06	µCi/mL	GP	EPIA-002

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/02/99
Depth to water: Not available
Water elevation: Not available
pH: 4.3
Sp. conductance: 42 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 23 gal

Time: 11:16
Water temperature: 19.9°C
Air temperature: 21.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.0660	J	I		0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,180				50.0	µg/L	GE	EPA353.1
0	pH	4.42	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.40	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	46.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.67E-09±7.65E-10	J	I		8.71E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.45E-08±1.39E-09				1.19E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.69E-05±1.01E-06				6.03E-07	µCi/mL	GP	EPIA-002

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 36.54 ft (11.14 m) below TOC
Water elevation: 218.36 ft (66.56 m) msl
pH: 6.2
Sp. conductance: 62 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 125 gal

Time: 9:35
Water temperature: 20°C
Air temperature: 22.1°C
Total alkalinity (as CaCO3): 18 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,560				50.0	µg/L	GE	EPA353.1
0	pH	6.41	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	62.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.41E-10±4.20E-10	J	I		4.81E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.69E-09±7.50E-10				1.12E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.43E-04±2.83E-06				7.62E-07	µCi/mL	GP	EPIA-002

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: 37.74 ft (11.5 m) below TOC
Water elevation: 217.36 ft (66.25 m) msl
pH: 5.6
Sp. conductance: 55 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 51 gal

Time: 9:46
Water temperature: 19.7°C
Air temperature: 22.1°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	3,450				150	µg/L	GE	EPA353.1
0	pH	5.73	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	55.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.76E-10±3.57E-10	U			6.89E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.14E-09±7.34E-10				1.01E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.59E-04±9.01E-06				1.40E-06	µCi/mL	GP	EPIA-002

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Depth to water: Not available
Water elevation: Not available
pH: 5.2
Sp. conductance: 38 µS/cm
Turbidity: 10 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:55
Water temperature: 20.3°C
Air temperature: 22.3°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,250				50.0	µg/L	GE	EPA353.1
0	pH	5.32	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	39.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.98E-09±6.69E-10	J	I		7.16E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.49E-08±1.73E-09				9.97E-10	µCi/mL	GP	EPIA-001
2	Tritium	5.18E-05±1.37E-06				5.82E-07	µCi/mL	GP	EPIA-002

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 42.86 ft (13.06 m) below TOC
Water elevation: 218.14 ft (66.49 m) msl
pH: 4.9
Sp. conductance: 94 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 108 gal

Time: 12:42
Water temperature: 20.8°C
Air temperature: 26.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	9,360				150	µg/L	GE	EPA353.1
0	pH	4.94	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	100				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.91E-10±5.78E-10	U			9.20E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.35E-08±1.33E-09				1.18E-09	µCi/mL	GP	EPIA-001
2	Tritium	8.68E-04±1.70E-05				1.92E-06	µCi/mL	GP	EPIA-002

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99
Depth to water: 43.35 ft (13.21 m) below TOC
Water elevation: 217.65 ft (66.34 m) msl
pH: 4.7
Sp. conductance: 98 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 95 gal

Time: 11:25
Water temperature: 19.8°C
Air temperature: 18.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	118				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.487				0.200	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
1	Thallium, total recoverable	1.79				0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	0.694	J	IV		2.00	µg/L	GE	EPA6020

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: Not available
Water elevation: Not available
pH: 4.6
Sp. conductance: 165 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 61 gal

Time: 9:27
Water temperature: 19.4°C
Air temperature: 18.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.0824	U	V		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	16,800				1,250	µg/L	GE	EPA353.1
0	pH	4.78	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	178				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.53E-09±1.15E-09				7.86E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4.41E-08±2.32E-09				1.36E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.90E-03±3.66E-05				3.24E-06	µCi/mL	GP	EPIA-002

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99
Depth to water: 43 ft (13.11 m) below TOC
Water elevation: 220.8 ft (67.3 m) msl
pH: 5.2
Sp. conductance: 164 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 51 gal

Time: 12:02
Water temperature: 19.6°C
Air temperature: 18.5°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	99.4				50.0	µg/L	GE	EPA6010B
2	Aluminum, total recoverable	85.4	J	I		146	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	0.668			6	0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.320	U		6	1.60	µg/L	WA	EPA6010B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<12.0	U	V		74.0	µg/L	WA	EPA6010B
0	Sulfide	580	R	LQ	CI	1,000	µg/L	GE	EPA9034
0	Sulfide	<10,000	JU	Q		10,000	µg/L	WA	EPA9034
0	Sulfide	<10,000	JU	Q		10,000	µg/L	WA	EPA9034

WELL HSB114C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99
Depth to water: 43 ft (13.11 m) below TOC
Water elevation: 220.8 ft (67.3 m) msl
pH: 5.2
Sp. conductance: 164 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 51 gal

Time: 12:02
Water temperature: 19.6°C
Air temperature: 18.5°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	103				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.605			6	0.200	µg/L	GE	EPA6020
0	Iron, total recoverable	20.8	J	I		50.0	µg/L	GE	EPA6010B
0	Sulfide	680	R	LQ	CI	1,000	µg/L	GE	EPA9034

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/02/99
Depth to water: 46.04 ft (14.03 m) below TOC
Water elevation: 217.96 ft (66.44 m) msl
pH: 4.1
Sp. conductance: 357 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:57
Water temperature: 19.5°C
Air temperature: 19.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.250				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	40,500				1,250	µg/L	GE	EPA353.1
1	pH	3.79	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	408				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.24E-08±3.42E-09				1.45E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.48E-07±1.22E-08				2.35E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.37E-03±1.03E-04				6.36E-06	µCi/mL	GP	EPIA-002

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99
Depth to water: 46.45 ft (14.16 m) below TOC
Water elevation: 217.55 ft (66.31 m) msl
pH: 4.1
Sp. conductance: 356 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 9 gal

Time: 9:39
Water temperature: 19°C
Air temperature: 11.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,100				50.0	µg/L	GE	EPA6010B
2	Aluminum, total recoverable	1,960				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.407				0.200	µg/L	GE	EPA6020
0	Iron, total recoverable	138				50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<58.2	U	V		50.0	µg/L	GE	EPA6010B
0	Sulfide	1,170	J	LQ	C	1,000	µg/L	GE	EPA9034

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 50.01 ft (15.24 m) below TOC
Water elevation: 219.29 ft (66.84 m) msl
pH: 6
Sp. conductance: 137 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 65 gal

Time: 9:51
Water temperature: 19.7°C
Air temperature: 19.7°C
Total alkalinity (as CaCO3): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	10,800				1,250	µg/L	GE	EPA353.1
0	pH	6.24	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.24	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	150				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.22E-09±1.05E-09	J	I		1.14E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.01E-08±1.95E-09				1.59E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.16E-03±2.25E-05				2.47E-06	µCi/mL	GP	EPIA-002

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/02/99
Depth to water: Not available
Water elevation: Not available
pH: 4
Sp. conductance: 288 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 5 gal

Time: 9:27
Water temperature: 27.3°C
Air temperature: 18.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.0474	J	I		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	31,000				1,250	µg/L	GE	EPA353.1
1	pH	3.78	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	315				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	315				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	3.07E-08±8.31E-09				4.23E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	3.62E-08±9.48E-09				4.57E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.28E-06±3.86E-08				6.07E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.30E-06±3.88E-08				5.50E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.29E-03±8.30E-05				5.56E-06	µCi/mL	GP	EPIA-002

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99
Depth to water: 49.5 ft (15.09 m) below TOC
Water elevation: 219.6 ft (66.93 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 1 gal

Time: 8:55
Water temperature: Not available
Air temperature: 9.7°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	3,020				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.701				0.200	µg/L	GE	EPA6020
2	Iron, total recoverable	857			6	50.0	µg/L	GE	EPA6010B
0	Sulfide	875	J	ILQ	C	1,000	µg/L	GE	EPA9034
0	Sulfide	780	J	ILQ	C	1,000	µg/L	GE	EPA9034
0	Thallium, total recoverable	0.804				0.500	µg/L	GE	EPA6020

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 36.2 ft (11.03 m) below TOC
Water elevation: 221.3 ft (67.45 m) msl
pH: 5.1
Sp. conductance: 82 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 72 gal

Time: 10:30
Water temperature: 19.5°C
Air temperature: 20.7°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.282				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	7,800				250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	8,000				250	µg/L	GE	EPA353.1
0	pH	5.27	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	88.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.88E-10±6.22E-10	U			1.13E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.35E-09±1.13E-09				1.67E-09	µCi/mL	GP	EPIA-001
2	Tritium	8.56E-04±1.67E-05				1.87E-06	µCi/mL	GP	EPIA-002

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/01/99
Depth to water: 35.75 ft (10.9 m) below TOC
Water elevation: 221.05 ft (67.38 m) msl
pH: 4.3
Sp. conductance: 83 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 15:02
Water temperature: 19.7°C
Air temperature: 22.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.102	J	I		0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	7,900				250	µg/L	GE	EPA353.1
0	pH	4.48	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	90.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-1.27E-09±2.30E-09	U			9.79E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.01E-06±1.08E-08				1.56E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.35E-05±1.25E-06				6.04E-07	µCi/mL	GP	EPIA-002

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 71.64 ft (21.84 m) below TOC
Water elevation: 165.66 ft (50.49 m) msl
pH: 7
Sp. conductance: 130 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 142 gal

Time: 10:18
Water temperature: 19.3°C
Air temperature: 23.9°C
Total alkalinity (as CaCO3): 56 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.11	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	138				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.07E-10±6.17E-10	U			1.41E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.21E-09±7.45E-10	U			1.49E-09	µCi/mL	GP	EPIA-001
0	Tritium	8.55E-08±3.02E-07	U			5.22E-07	µCi/mL	GP	EPIA-002

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 19.94 ft (6.08 m) below TOC
Water elevation: 217.46 ft (66.28 m) msl
pH: 4.5
Sp. conductance: 383 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 87 gal

Time: 11:13
Water temperature: 18.1°C
Air temperature: 20.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.553				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	43,000				1,250	µg/L	GE	EPA353.1
0	pH	4.54	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	413				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	8.79E-09±1.00E-09				6.14E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	9.84E-08±2.00E-09				1.10E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.02E-03±1.16E-04				6.45E-06	µCi/mL	GP	EPIA-002

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 18.79 ft (5.73 m) below TOC
Water elevation: 218.81 ft (66.69 m) msl
pH: 5.1
Sp. conductance: 25 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 65 gal

Time: 10:11
Water temperature: 19.8°C
Air temperature: 23.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,150				50.0	µg/L	GE	EPA353.1
0	pH	5.34	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	27.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.95E-10±4.77E-10	J	IK	C	5.05E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.65E-09±7.33E-10				1.14E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.64E-05±1.21E-06				5.21E-07	µCi/mL	GP	EPIA-002

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 80.18 ft (24.44 m) below TOC
Water elevation: 167.12 ft (50.94 m) msl
pH: 6.8
Sp. conductance: 152 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 147 gal

Time: 9:22
Water temperature: 20°C
Air temperature: 22.3°C
Total alkalinity (as CaCO3): 55 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,620				50.0	µg/L	GE	EPA353.1
0	pH	6.94	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	165				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.53E-10±4.92E-10	U			1.01E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.05E-09±7.15E-10	J	I		1.23E-09	µCi/mL	GP	EPIA-001
2	Tritium	7.57E-04±1.48E-05				1.78E-06	µCi/mL	GP	EPIA-002

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 90.66 ft (27.63 m) below TOC
Water elevation: 166.44 ft (50.73 m) msl
pH: 6.5
Sp. conductance: 130 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 115 gal

Time: 8:43
Water temperature: 20.3°C
Air temperature: 21.7°C
Total alkalinity (as CaCO3): 29 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	5,220				150	µg/L	GE	EPA353.1
0	pH	6.65	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	141				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	9.02E-10±6.68E-10	J	IK	C	7.08E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.37E-09±1.19E-09				1.37E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.18E-04±8.19E-06				1.28E-06	µCi/mL	GP	EPIA-002

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 102.44 ft (31.22 m) below TOC
Water elevation: 165.76 ft (50.52 m) msl
pH: 6.7
Sp. conductance: 207 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 122 gal

Time: 9:01
Water temperature: 20.3°C
Air temperature: 21.2°C
Total alkalinity (as CaCO3): 89 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<30.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.27	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	204				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	9.92E-10±7.36E-10	U			1.18E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.59E-09±6.46E-10	J	I		1.15E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.28E-07±2.96E-07	U			5.07E-07	µCi/mL	GP	EPIA-002

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 103.52 ft (31.55 m) below TOC
Water elevation: 171.08 ft (52.15 m) msl
pH: 6.7
Sp. conductance: 217 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 200 gal

Time: 8:23
Water temperature: 19.3°C
Air temperature: 15.5°C
Total alkalinity (as CaCO3): 102 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.37	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	218				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.74E-10±7.15E-10	U			1.22E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.32E-09±6.04E-10	J	IK	C	1.13E-09	µCi/mL	GP	EPIA-001
0	Tritium	-3.72E-07±3.34E-07	U			6.16E-07	µCi/mL	GP	EPIA-002

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 100.79 ft (30.72 m) below TOC
Water elevation: 170.81 ft (52.06 m) msl
pH: 6.9
Sp. conductance: 194 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 134 gal

Time: 8:53
Water temperature: 19.1°C
Air temperature: 16.4°C
Total alkalinity (as CaCO3): 87 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.11	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	194				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.19E-09±6.72E-10	J	I		9.15E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.59E-09±6.45E-10	J	IK	C	1.17E-09	µCi/mL	GP	EPIA-001
0	Tritium	-1.28E-07±3.64E-07	U			6.47E-07	µCi/mL	GP	EPIA-002

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/15/99
Depth to water: 94.02 ft (28.66 m) below TOC
Water elevation: 171.68 ft (52.33 m) msl
pH: 11.1
Sp. conductance: 1,200 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 7:44
Water temperature: 20.9°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 271 mg/L
Phenolphthalein alkalinity: 265 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
2	pH	11.8	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	1,290				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.35E-09±8.21E-10	U	V		1.20E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.55E-09±6.98E-10				1.13E-09	µCi/mL	GP	EPIA-001
0	Tritium	-8.83E-08±3.41E-07	U			6.03E-07	µCi/mL	GP	EPIA-002

WELL HSB124AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 95.45 ft (29.09 m) below TOC
Water elevation: 171.35 ft (52.23 m) msl
pH: 6.9
Sp. conductance: 206 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 131 gal

Time: 8:39
Water temperature: 20.1°C
Air temperature: 20.1°C
Total alkalinity (as CaCO3): 89 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	3.00	J	I		20.0	µg/L	WA	EPA353.2
0	pH	7.11	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.29	J	Q		0.100	pH	WA	EPA9040B
0	pH	7.21	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	218				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	201				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	1.31E-09±7.20E-10	J	IK	C	9.21E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.01E-09±7.22E-10	U			1.16E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	1.00E-09±9.80E-10	U			1.58E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.79E-09±6.60E-10	J	I		1.15E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.35E-09±6.65E-10	J	I		1.26E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.40E-10±1.31E-09	U			2.24E-09	µCi/mL	TM	EPA900.0M
0	Tritium	9.65E-08±2.94E-07	U			5.07E-07	µCi/mL	GP	EPIA-002
0	Tritium	1.57E-07±2.96E-07	U			5.05E-07	µCi/mL	GP	EPIA-002

Well HSB124AR collected on 10/12/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	2.00E-07±3.00E-07	U			5.00E-07	µCi/mL	TM	EPA906.0M
0	Tritium	2.20E-07±2.90E-07	U			4.90E-07	µCi/mL	TM	EPA906.0M

WELL HSB124AR Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 95.45 ft (29.09 m) below TOC
Water elevation: 171.35 ft (52.23 m) msl
pH: 6.9
Sp. conductance: 206 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 131 gal

Time: 8:39
Water temperature: 20.1°C
Air temperature: 20.1°C
Total alkalinity (as CaCO3): 89 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.27	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	219				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.14E-09±8.71E-10	U			1.59E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.45E-09±7.57E-10	U			1.48E-09	µCi/mL	GP	EPIA-001
0	Tritium	-5.56E-08±3.64E-07	U			6.42E-07	µCi/mL	GP	EPIA-002

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 9.35 ft (2.85 m) below TOC
Water elevation: 222.55 ft (67.83 m) msl
pH: 5.1
Sp. conductance: 22 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 154 gal

Time: 8:55
Water temperature: 18.7°C
Air temperature: 13.6°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	100				50.0	µg/L	GE	EPA353.1
0	pH	5.35	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	22.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.42E-10±3.86E-10	U			6.98E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.47E-10±6.48E-10	U			1.32E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.51E-06±3.76E-07				5.47E-07	µCi/mL	GP	EPIA-002

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 11.95 ft (3.64 m) below TOC
Water elevation: 219.75 ft (66.98 m) msl
pH: 5.4
Sp. conductance: 100 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 38 gal

Time: 8:45
Water temperature: 18.7°C
Air temperature: 13.3°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.602				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	6,350				250	µg/L	GE	EPA353.1
0	pH	5.57	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	101				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.64E-09±9.85E-10	J	I		1.20E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	2.82E-09±1.01E-09	J	I		1.22E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.70E-09±1.14E-09				1.62E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.15E-09±1.12E-09				1.49E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.11E-04±4.16E-06				9.61E-07	µCi/mL	GP	EPIA-002

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 8.58 ft (2.62 m) below TOC
Water elevation: 204.02 ft (62.19 m) msl
pH: 7.1
Sp. conductance: 256 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 58 gal

Time: 10:57
Water temperature: 18.5°C
Air temperature: 19.8°C
Total alkalinity (as CaCO3): 69 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	10,300				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	10,300				1,250	µg/L	GE	EPA353.1
0	pH	7.81	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	259				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.41E-10±5.86E-10	U			1.13E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.75E-09±7.60E-10				1.21E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.89E-04±7.65E-06				1.39E-06	µCi/mL	GP	EPIA-002

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 7.46 ft (2.27 m) below TOC
Water elevation: 205.24 ft (62.56 m) msl
pH: 4.6
Sp. conductance: 288 µS/cm
Turbidity: 10 NTU
Water evacuated from the well prior to sampling: 5 gal

Time: 11:05
Water temperature: 20.6°C
Air temperature: 19.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.866				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	29,800				1,250	µg/L	GE	EPA353.1
0	pH	4.78	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	276				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.05E-09±1.06E-09	J	I		1.34E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.73E-08±1.49E-09				1.23E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.32E-03±2.56E-05				2.63E-06	µCi/mL	GP	EPIA-002
2	Tritium	1.38E-03±2.68E-05				2.74E-06	µCi/mL	GP	EPIA-002

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 17.1 ft (5.21 m) below TOC
Water elevation: 208.6 ft (63.58 m) msl
pH: 7.1
Sp. conductance: 250 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 112 gal

Time: 9:36
Water temperature: 19.1°C
Air temperature: 18.4°C
Total alkalinity (as CaCO3): 90 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	9,250				250	µg/L	GE	EPA353.1
0	pH	7.64	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	250				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.52E-10±6.65E-10	U			1.32E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.32E-09±8.49E-10	J	K	C	1.31E-09	µCi/mL	GP	EPIA-001
2	Tritium	8.32E-04±1.63E-05				2.13E-06	µCi/mL	GP	EPIA-002

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 15.2 ft (4.63 m) below TOC
Water elevation: 210.9 ft (64.28 m) msl
pH: 4.6
Sp. conductance: 56 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 40 gal

Time: 9:23
Water temperature: 19.4°C
Air temperature: 16.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.327				0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	4,740				150	µg/L	GE	EPA353.1
0	pH	4.81	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	54.6				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.00E-08±1.43E-09				8.60E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	8.70E-08±2.85E-09	J	K	C	1.40E-09	µCi/mL	GP	EPIA-001
2	Tritium	7.54E-05±1.70E-06				6.73E-07	µCi/mL	GP	EPIA-002

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 10.8 ft (3.29 m) below TOC
Water elevation: 204.3 ft (62.27 m) msl
pH: 5.4
Sp. conductance: 236 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:15
Water temperature: 17.8°C
Air temperature: 19.9°C
Total alkalinity (as CaCO3): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.0922	U	V		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	18,300				1,250	µg/L	GE	EPA353.1
0	pH	6.16	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	220				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.30E-09±7.35E-10	J	I		1.11E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.42E-08±2.54E-09				1.52E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.75E-03±3.39E-05				3.11E-06	µCi/mL	GP	EPIA-002

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 7.22 ft (2.2 m) below TOC
Water elevation: 207.48 ft (63.24 m) msl
pH: 5
Sp. conductance: 129 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 72 gal

Time: 10:21
Water temperature: 20.7°C
Air temperature: 18.1°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.0754	J	I		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	13,000				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	13,300				1,250	µg/L	GE	EPA353.1
0	pH	5.09	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	142				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.12E-09±5.96E-10	U	V		9.03E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.11E-08±1.04E-09				1.08E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.25E-03±2.43E-05				2.59E-06	µCi/mL	GP	EPIA-002

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 18.66 ft (5.69 m) below TOC
Water elevation: 199.64 ft (60.85 m) msl
pH: 7.5
Sp. conductance: 151 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 102 gal

Time: 10:18
Water temperature: 18.4°C
Air temperature: 18.7°C
Total alkalinity (as CaCO3): 74 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	240				50.0	µg/L	GE	EPA353.1
0	pH	7.99	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	154				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.66E-10±5.78E-10	U			9.49E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.90E-10±4.90E-10	U			1.03E-09	µCi/mL	GP	EPIA-001
0	Tritium	7.21E-07±3.97E-07	J	I		6.37E-07	µCi/mL	GP	EPIA-002

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 18.87 ft (5.75 m) below TOC
Water elevation: 199.73 ft (60.88 m) msl
pH: 5.7
Sp. conductance: 39 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 29 gal

Time: 10:10
Water temperature: 18.5°C
Air temperature: 18.3°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	580				50.0	µg/L	GE	EPA353.1
0	pH	6.20	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	43.0				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.46E-10±3.65E-10	U			6.90E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.26E-10±5.31E-10	U			1.14E-09	µCi/mL	GP	EPIA-001
0	Tritium	6.49E-06±6.04E-07				6.49E-07	µCi/mL	GP	EPIA-002

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 8.03 ft (2.45 m) below TOC
Water elevation: 203.67 ft (62.08 m) msl
pH: 7.7
Sp. conductance: 201 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 106 gal

Time: 11:21
Water temperature: 19.2°C
Air temperature: 25.1°C
Total alkalinity (as CaCO3): 82 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,850				150	µg/L	GE	EPA353.1
1	pH	8.02	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	213				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.30E-10±6.13E-10	U			1.21E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.47E-10±7.58E-10	U			1.59E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.30E-04±2.57E-06				6.90E-07	µCi/mL	GP	EPIA-002

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 7.18 ft (2.19 m) below TOC
Water elevation: 204.92 ft (62.46 m) msl
pH: 5
Sp. conductance: 23 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 34 gal

Time: 11:13
Water temperature: 21.8°C
Air temperature: 24.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	390				50.0	µg/L	GE	EPA353.1
0	pH	5.23	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	24.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.03E-10±3.94E-10	U			6.17E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.91E-10±6.50E-10	U			1.30E-09	µCi/mL	GP	EPIA-001
0	Tritium	7.90E-06±5.61E-07				5.12E-07	µCi/mL	GP	EPIA-002

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 20.2 ft (6.16 m) below TOC
Water elevation: 220.3 ft (67.15 m) msl
pH: 5.4
Sp. conductance: 22 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 73 gal

Time: 13:35
Water temperature: 19.6°C
Air temperature: 19.3°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<40.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.59	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	22.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.66E-10±4.03E-10	U			6.91E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.93E-10±6.81E-10	U			1.43E-09	µCi/mL	GP	EPIA-001
0	Tritium	-4.62E-08±3.56E-07	U			6.27E-07	µCi/mL	GP	EPIA-002
0	Tritium	-1.45E-07±3.54E-07	U			6.33E-07	µCi/mL	GP	EPIA-002

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 21.03 ft (6.41 m) below TOC
Water elevation: 219.67 ft (66.96 m) msl
pH: 4.7
Sp. conductance: 20 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 19 gal

Time: 12:50
Water temperature: 19.7°C
Air temperature: 19°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	530				50.0	µg/L	GE	EPA353.1
0	pH	5.26	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	19.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.22E-10±4.75E-10	U			9.11E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.30E-10±6.45E-10	U			1.47E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.14E-05±6.48E-07				5.36E-07	µCi/mL	GP	EPIA-002

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 25.35 ft (7.73 m) below TOC
Water elevation: 230.25 ft (70.18 m) msl
pH: 5.7
Sp. conductance: 31 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 93 gal

Time: 9:26
Water temperature: 18.9°C
Air temperature: 15.4°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	40.0	J	I		50.0	µg/L	GE	EPA353.1
0	pH	5.93	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	34.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.91E-10±3.54E-10	U			5.78E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.98E-11±5.97E-10	U			1.37E-09	µCi/mL	GP	EPIA-001
0	Tritium	-2.44E-07±3.32E-07	U			5.99E-07	µCi/mL	GP	EPIA-002

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 19.29 ft (5.88 m) below TOC
Water elevation: 236.01 ft (71.94 m) msl
pH: 4.9
Sp. conductance: 49 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 47 gal

Time: 9:07
Water temperature: 18.6°C
Air temperature: 14.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	460				50.0	µg/L	GE	EPA353.1
0	pH	5.59	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.60	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	54.1				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	53.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.97E-10±4.06E-10	U			6.50E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	5.97E-10±4.29E-10	U			6.75E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-2.97E-11±5.91E-10	U			1.32E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.41E-09±6.24E-10	J	I		1.17E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.18E-05±6.95E-07				5.94E-07	µCi/mL	GP	EPIA-002

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 18.73 ft (5.71 m) below TOC
Water elevation: 219.67 ft (66.96 m) msl
pH: 6
Sp. conductance: 52 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 119 gal

Time: 13:32
Water temperature: 20°C
Air temperature: 27.2°C
Total alkalinity (as CaCO3): 13 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	1,050				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,230				100	µg/L	WA	EPA353.2
0	pH	6.17	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.15	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	54.7				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	49.8				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	8.02E-10±5.45E-10	U			8.14E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	7.00E-10±5.50E-10	U			8.40E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.56E-09±6.71E-10	J	I		1.22E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.40E-10±8.10E-10	U			1.36E-09	µCi/mL	TM	EPA900.0M

Well HSB134C collected on 10/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Tritium	1.92E-05±8.03E-07				5.14E-07	µCi/mL	GP	EPIA-002
1	Tritium	1.88E-05±9.90E-07				5.00E-07	µCi/mL	TM	EPA906.0M

WELL HSB134C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: 18.73 ft (5.71 m) below TOC
Water elevation: 219.67 ft (66.96 m) msl
pH: 6
Sp. conductance: 52 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 119 gal

Time: 13:32
Water temperature: 20°C
Air temperature: 27.2°C
Total alkalinity (as CaCO3): 13 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,020				50.0	µg/L	GE	EPA353.1
0	pH	6.11	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	52.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.82E-10±4.47E-10	U			8.95E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.88E-10±6.87E-10	U			1.39E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.01E-05±8.16E-07				5.09E-07	µCi/mL	GP	EPIA-002

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/01/99
Depth to water: 19.62 ft (5.98 m) below TOC
Water elevation: 218.48 ft (66.59 m) msl
pH: 3.8
Sp. conductance: 140 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 13:58
Water temperature: 20.3°C
Air temperature: 21.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.644				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	13,600				250	µg/L	GE	EPA353.1
1	pH	3.88	J	Q		0.100	pH	GE	EPA9040B
1	pH	3.88	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	182				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	182				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.24E-08±3.74E-09				4.89E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.15E-06±1.15E-08				1.22E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.53E-04±8.90E-06				1.46E-06	µCi/mL	GP	EPIA-002

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 26.05 ft (7.94 m) below TOC
Water elevation: 205.95 ft (62.77 m) msl
pH: 7.5
Sp. conductance: 189 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 106 gal

Time: 10:25
Water temperature: 19.4°C
Air temperature: 19.9°C
Total alkalinity (as CaCO3): 71 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	340				50.0	µg/L	GE	EPA353.1
0	pH	7.87	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	189				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.85E-10±6.96E-10	U			1.17E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.60E-09±6.62E-10	J	I		1.20E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.37E-05±7.74E-07			5	6.45E-07	µCi/mL	GP	EPIA-002

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Depth to water: 18.36 ft (5.6 m) below TOC
Water elevation: 213.94 ft (65.21 m) msl
pH: 4.6
Sp. conductance: 39 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 42 gal

Time: 10:13
Water temperature: 19.4°C
Air temperature: 19.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,370				50.0	µg/L	GE	EPA353.1
0	pH	4.58	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	43.9				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.26E-09±5.90E-10	J	I		6.31E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.92E-08±2.78E-09				1.25E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.51E-05±8.24E-07			5	6.70E-07	µCi/mL	GP	EPIA-002

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 17.01 ft (5.18 m) below TOC
Water elevation: 210.89 ft (64.28 m) msl
pH: 6
Sp. conductance: 320 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:00
Water temperature: 20.3°C
Air temperature: 24.2°C
Total alkalinity (as CaCO3): 17 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.0946	U	V		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	31,300				1,250	µg/L	GE	EPA353.1
0	pH	6.99	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	360				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.13E-09±6.06E-10				7.90E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4.59E-08±1.43E-09				1.05E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.18E-03±7.88E-05				5.04E-06	µCi/mL	GP	EPIA-002

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/01/99
Depth to water: 13.47 ft (4.11 m) below TOC
Water elevation: 214.53 ft (65.39 m) msl
pH: 4.1
Sp. conductance: 191 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 31 gal

Time: 13:12
Water temperature: 19.8°C
Air temperature: 21.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.295				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	19,300				1,250	µg/L	GE	EPA353.1
1	pH	3.75	J	Q		0.100	pH	GE	EPA9040B
1	pH	3.74	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	217				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.52E-08±2.54E-09				8.41E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.05E-06±1.03E-08				1.35E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.31E-03±2.55E-05				2.74E-06	µCi/mL	GP	EPIA-002

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 22.48 ft (6.85 m) below TOC
Water elevation: 213.52 ft (65.08 m) msl
pH: 5.7
Sp. conductance: 374 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 72 gal

Time: 11:43
Water temperature: 20.5°C
Air temperature: 24.3°C
Total alkalinity (as CaCO3): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.420				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	41,000				1,250	µg/L	GE	EPA353.1
0	pH	5.93	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	403				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.16E-09±1.05E-09	J	I		1.25E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.06E-08±2.88E-09				1.38E-09	µCi/mL	GP	EPIA-001
2	Tritium	7.75E-03±1.51E-04				7.70E-06	µCi/mL	GP	EPIA-002

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 20.22 ft (6.16 m) below TOC
Water elevation: 216.38 ft (65.95 m) msl
pH: 4.9
Sp. conductance: 160 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 29 gal

Time: 10:14
Water temperature: 18.7°C
Air temperature: 18.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.163	U	V		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	15,300				1,250	µg/L	GE	EPA353.1
0	pH	5.14	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	152				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.75E-09±6.77E-10				7.96E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	8.87E-08±1.91E-09				1.09E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.26E-03±4.38E-05				3.62E-06	µCi/mL	GP	EPIA-002

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/14/99
Depth to water: 21.6 ft (6.58 m) below TOC
Water elevation: 230.8 ft (70.35 m) msl
pH: 5.5
Sp. conductance: 24 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 299 gal

Time: 8:59
Water temperature: 18.9°C
Air temperature: 18.6°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,160				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,150				50.0	µg/L	GE	EPA353.1
0	pH	5.94	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.96	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	25.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.23E-10±3.20E-10	U			5.61E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.76E-09±6.08E-10	J	I		1.06E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.14E-05±1.00E-06				5.40E-07	µCi/mL	GP	EPIA-002

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 60.64 ft (18.48 m) below TOC
Water elevation: 173.06 ft (52.75 m) msl
pH: 6.9
Sp. conductance: 223 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 133 gal

Time: 10:13
Water temperature: 19.7°C
Air temperature: 21.1°C
Total alkalinity (as CaCO3): 97 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<30.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.53	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	222				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.43E-09±7.43E-10	J	I		1.06E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.51E-09±6.12E-10	J	I		1.12E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.03E-07±3.77E-07	U			6.43E-07	µCi/mL	GP	EPIA-002

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 21.4 ft (6.52 m) below TOC
Water elevation: 212.4 ft (64.74 m) msl
pH: 5.2
Sp. conductance: 320 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:00
Water temperature: 18.6°C
Air temperature: 19.9°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Mercury, total recoverable	1.31				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	35,500				1,250	µg/L	GE	EPA353.1
0	pH	5.55	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.55	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	349				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	350				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	9.88E-10±1.17E-09	U			2.05E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	2.55E-08±1.82E-09				1.28E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.27E-03±4.42E-05				3.68E-06	µCi/mL	GP	EPIA-002

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 20.05 ft (6.11 m) below TOC
Water elevation: 213.75 ft (65.15 m) msl
pH: 5.3
Sp. conductance: 34 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 18 gal

Time: 9:51
Water temperature: 20.2°C
Air temperature: 21.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,090				50.0	µg/L	GE	EPA353.1
0	pH	5.02	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	35.7				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.91E-09±8.02E-10				8.81E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.22E-08±1.46E-09				1.20E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.91E-04±3.79E-06				9.42E-07	µCi/mL	GP	EPIA-002

WELL HSB140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 61.05 ft (18.61 m) below TOC
Water elevation: 174.85 ft (53.29 m) msl
pH: 7
Sp. conductance: 140 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 160 gal

Time: 9:49
Water temperature: 19.3°C
Air temperature: 16.5°C
Total alkalinity (as CaCO3): 60 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.88	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	154				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.55E-10±5.04E-10	U			8.05E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.97E-10±6.49E-10	U			1.33E-09	µCi/mL	GP	EPIA-001
0	Tritium	-6.57E-09±3.10E-07	U			5.41E-07	µCi/mL	GP	EPIA-002

WELL HSB140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 30.35 ft (9.25 m) below TOC
Water elevation: 205.25 ft (62.56 m) msl
pH: 5.4
Sp. conductance: 21 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 101 gal

Time: 9:41
Water temperature: 18.9°C
Air temperature: 16.1°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	510				50.0	µg/L	GE	EPA353.1
0	pH	5.67	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	23.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.44E-10±3.67E-10	U			6.96E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.19E-09±5.91E-10	J	I		1.13E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.56E-06±4.07E-07				5.36E-07	µCi/mL	GP	EPIA-002

WELL HSB140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 24.07 ft (7.34 m) below TOC
Water elevation: 212.13 ft (64.66 m) msl
pH: 4.8
Sp. conductance: 17 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 58 gal

Time: 10:19
Water temperature: 19.3°C
Air temperature: 17.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	390				50.0	µg/L	GE	EPA353.1
0	pH	4.99	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	16.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.30E-09±5.53E-10	J	I		6.20E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.11E-09±7.26E-10	J	I		1.31E-09	µCi/mL	GP	EPIA-001
0	Tritium	7.16E-06±5.47E-07				5.44E-07	µCi/mL	GP	EPIA-002

WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 80.41 ft (24.51 m) below TOC
Water elevation: 174.19 ft (53.09 m) msl
pH: 11.2
Sp. conductance: 938 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:30
Water temperature: 19.4°C
Air temperature: 21.1°C
Total alkalinity (as CaCO3): 223 mg/L
Phenolphthalein alkalinity: 211 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<80.0	U	V		50.0	µg/L	GE	EPA353.1
2	pH	11.4	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	1,070				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.34E-10±8.31E-10	U			1.77E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.04E-09±7.38E-10	U			1.50E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.49E-06±3.98E-07				5.80E-07	µCi/mL	GP	EPIA-002

WELL HSB141CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 27.48 ft (8.38 m) below TOC
Water elevation: 226.82 ft (69.14 m) msl
pH: 5.5
Sp. conductance: 23 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 128 gal

Time: 8:37
Water temperature: 18.5°C
Air temperature: 9.4°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	130				50.0	µg/L	GE	EPA353.1
0	pH	5.76	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	26.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.86E-10±4.41E-10	J	I		6.42E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.07E-09±5.13E-10	J	I		9.53E-10	µCi/mL	GP	EPIA-001
0	Tritium	3.70E-07±3.45E-07	U			5.73E-07	µCi/mL	GP	EPIA-002

WELL HSB141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 20.64 ft (6.29 m) below TOC
Water elevation: 234.16 ft (71.37 m) msl
pH: 5.3
Sp. conductance: 19 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 11:50
Water temperature: 29.4°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	160				50.0	µg/L	GE	EPA353.1
0	pH	5.50	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	22.0				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.63E-09±7.45E-10				7.23E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.65E-10±5.33E-10	U			1.06E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.14E-05±6.94E-07				5.81E-07	µCi/mL	GP	EPIA-002

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 5.92 ft (1.8 m) below TOC
Water elevation: 198.08 ft (60.38 m) msl
pH: 5.3
Sp. conductance: 22 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 68 gal

Time: 9:39
Water temperature: 18.2°C
Air temperature: 16.9°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	280				50.0	µg/L	GE	EPA353.1
0	pH	5.57	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	23.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-4.23E-11±6.13E-10	U			1.47E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.36E-09±7.22E-10	U			1.40E-09	µCi/mL	GP	EPIA-001
0	Tritium	9.73E-06±6.14E-07				5.40E-07	µCi/mL	GP	EPIA-002

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 6.35 ft (1.94 m) below TOC
Water elevation: 197.65 ft (60.24 m) msl
pH: 5.3
Sp. conductance: 23 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 67 gal

Time: 10:49
Water temperature: 17.4°C
Air temperature: 13.7°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	131				1.80	µg/L	WA	EPA6010B
0	Barium, dissolved	133				1.80	µg/L	WA	EPA6010B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, dissolved	3.20	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, dissolved	2.80	J	I		7.00	µg/L	WA	EPA6010B
0	Iron, dissolved	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, dissolved	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 6.99 ft (2.13 m) below TOC
Water elevation: 197.21 ft (60.11 m) msl
pH: 5
Sp. conductance: 37 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:15
Water temperature: 21°C
Air temperature: 17.1°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,000				50.0	µg/L	GE	EPA353.1
0	pH	5.17	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	39.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	9.22E-10±5.48E-10	J	IK	C	6.66E-10	µCi/mL	GP	EPIA-001

Well HSB142D collected on 10/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nonvolatile beta	5.04E-09±9.27E-10				1.25E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.51E-04±6.92E-06				1.23E-06	µCi/mL	GP	EPIA-002

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 7.48 ft (2.28 m) below TOC
Water elevation: 196.72 ft (59.96 m) msl
pH: 5.5
Sp. conductance: 45 µS/cm
Turbidity: 12 NTU
Time: 11:00
Water temperature: 17.7°C
Air temperature: 14.7°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, dissolved	509				146	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	66.8				1.80	µg/L	WA	EPA6010B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, dissolved	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Iron, dissolved	120				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 14.64 ft (4.46 m) below TOC
Water elevation: 207.56 ft (63.27 m) msl
pH: 5
Sp. conductance: 44 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 82 gal
Time: 11:03
Water temperature: 19°C
Air temperature: 17.9°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	490				50.0	µg/L	GE	EPA353.1
0	pH	5.14	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	50.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.67E-10±4.25E-10	U			6.77E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.43E-09±6.11E-10	J	I		1.13E-09	µCi/mL	GP	EPIA-001
0	Tritium	4.20E-06±4.67E-07				5.49E-07	µCi/mL	GP	EPIA-002

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 11.88 ft (3.62 m) below TOC
Water elevation: 211.02 ft (64.32 m) msl
pH: 4.5
Sp. conductance: 17 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 48 gal
Time: 10:56
Water temperature: 19.2°C
Air temperature: 17.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	370				50.0	µg/L	GE	EPA353.1
0	pH	4.80	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	16.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.53E-09±6.15E-10	J	I		6.45E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.44E-09±8.49E-10				1.41E-09	µCi/mL	GP	EPIA-001
0	Tritium	5.79E-06±5.10E-07				5.43E-07	µCi/mL	GP	EPIA-002

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 65.6 ft (20 m) below TOC
Water elevation: 170 ft (51.82 m) msl
pH: 6.8
Sp. conductance: 132 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 145 gal
Time: 13:23
Water temperature: 20°C
Air temperature: 20.7°C
Total alkalinity (as CaCO3): 52 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<80.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.78	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	139				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	9.24E-10±5.29E-10	J	I		7.41E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.69E-09±6.07E-10	J	I		1.06E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.61E-05±8.53E-07				6.57E-07	µCi/mL	GP	EPIA-002

WELL HSB145C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 23.8 ft (7.25 m) below TOC
Water elevation: 211.9 ft (64.59 m) msl
pH: 6
Sp. conductance: 331 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 79 gal
Time: 9:27
Water temperature: 19.6°C
Air temperature: 20.6°C
Total alkalinity (as CaCO3): 18 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Mercury, total recoverable	1.43				0.200	µg/L	GE	EPA7470A
1	Mercury, total recoverable	1.68				0.700	µg/L	WA	EPA7470A
2	Nitrate-nitrite as nitrogen	30,800				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	35,800				1,000	µg/L	WA	EPA353.2
0	pH	6.20	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.23	J	Q		0.100	pH	WA	EPA9040B
1	Specific conductance	353				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	330				8.90	µS/cm	WA	EPA9050A
1	Gross alpha	9.28E-09±1.82E-09				1.43E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	5.22E-09±1.81E-09	J	I		2.05E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	6.65E-09±1.81E-09				1.80E-09	µCi/mL	TM	EPA900.0M
1	Nonvolatile beta	3.75E-08±1.91E-09				1.20E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.01E-08±3.11E-09				2.28E-09	µCi/mL	TM	EPA900.0M
1	Nonvolatile beta	4.63E-08±2.97E-09				2.23E-09	µCi/mL	TM	EPA900.0M
2	Tritium	1.56E-03±3.02E-05				2.93E-06	µCi/mL	GP	EPIA-002
2	Tritium	1.53E-03±8.70E-06				5.20E-07	µCi/mL	TM	EPA906.0M

WELL HSB145C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 23.8 ft (7.25 m) below TOC
Water elevation: 211.9 ft (64.59 m) msl
pH: 6
Sp. conductance: 331 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 79 gal
Time: 9:27
Water temperature: 19.6°C
Air temperature: 20.6°C
Total alkalinity (as CaCO3): 18 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Mercury, total recoverable	1.41				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	32,000				1,250	µg/L	GE	EPA353.1
0	pH	6.25	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	350				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.33E-09±1.69E-09				1.65E-09	µCi/mL	GP	EPIA-001
1	Gross alpha	7.62E-09±1.69E-09				1.17E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.44E-08±1.80E-09				1.09E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.54E-08±1.81E-09				1.04E-09	µCi/mL	GP	EPIA-001

Well HSB145C collected on 10/12/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	1.56E-03±3.04E-05				2.93E-06	µCi/mL	GP	EPIA-002

WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 20.88 ft (6.36 m) below TOC
Water elevation: 215.32 ft (65.63 m) msl
pH: 5.5
Sp. conductance: 228 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 56 gal

Time: 14:31
Water temperature: 21.1°C
Air temperature: 18°C
Total alkalinity (as CaCO3): 7 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Mercury, total recoverable	2.53				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	24,000				1,250	µg/L	GE	EPA353.1
0	pH	5.67	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.68	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	255				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	254				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	5.21E-08±3.68E-09				1.11E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.56E-07±5.36E-09				1.22E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.47E-03±2.84E-05				2.80E-06	µCi/mL	GP	EPIA-002

WELL HSB146A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 76.4 ft (23.29 m) below TOC
Water elevation: 175.2 ft (53.4 m) msl
pH: 7.1
Sp. conductance: 175 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 185 gal

Time: 9:45
Water temperature: 19.6°C
Air temperature: 26.1°C
Total alkalinity (as CaCO3): 85 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.26	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	208				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.00E-10±4.86E-10	U			7.45E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.35E-09±5.46E-10	J	I		9.81E-10	µCi/mL	GP	EPIA-001
0	Tritium	8.60E-08±3.34E-07	U			5.77E-07	µCi/mL	GP	EPIA-002

WELL HSB146C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 43.25 ft (13.18 m) below TOC
Water elevation: 209.05 ft (63.72 m) msl
pH: 6.9
Sp. conductance: 84 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 100 gal

Time: 9:34
Water temperature: 19.3°C
Air temperature: 25.1°C
Total alkalinity (as CaCO3): 41 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	570				50.0	µg/L	GE	EPA353.1
0	pH	7.31	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	98.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.05E-09±4.74E-10	J	I		5.06E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.18E-09±5.44E-10	J	I		1.01E-09	µCi/mL	GP	EPIA-001
0	Tritium	8.70E-06±6.22E-07				5.72E-07	µCi/mL	GP	EPIA-002

WELL HSB146D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Depth to water: 33 ft (10.06 m) below TOC
Water elevation: 220.1 ft (67.09 m) msl
pH: 4.8
Sp. conductance: 17 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 10:00
Water temperature: 20.8°C
Air temperature: 27.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	520				50.0	µg/L	GE	EPA353.1
0	pH	5.16	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	19.7				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.72E-10±4.18E-10	U			6.93E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.10E-10±5.46E-10	U			1.19E-09	µCi/mL	GP	EPIA-001
0	Tritium	8.18E-06±6.06E-07				5.70E-07	µCi/mL	GP	EPIA-002
0	Tritium	8.99E-06±6.28E-07				5.70E-07	µCi/mL	GP	EPIA-002

WELL HSB147D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Depth to water: 40.59 ft (12.37 m) below TOC
Water elevation: 226.71 ft (69.1 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 7 gal

Time: 11:20
Water temperature: Not available
Air temperature: 18.7°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	280				50.0	µg/L	GE	EPA353.1
0	pH	5.30	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	29.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.53E-10±4.31E-10	J	I		6.00E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.56E-09±7.26E-10	J	I		1.21E-09	µCi/mL	GP	EPIA-001
0	Tritium	7.63E-06±5.55E-07				5.39E-07	µCi/mL	GP	EPIA-002

WELL HSB148C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 49.82 ft (15.19 m) below TOC
Water elevation: 201.08 ft (61.29 m) msl
pH: 8.3
Sp. conductance: 59 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:35
Water temperature: 18.6°C
Air temperature: 22.2°C
Total alkalinity (as CaCO3): 22 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	500				50.0	µg/L	GE	EPA353.1
1	pH	9.26	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	64.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.09E-09±4.90E-10	J	I		5.60E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.10E-09±5.86E-10	J	IK	C	9.49E-10	µCi/mL	GP	EPIA-001
0	Tritium	1.49E-06±4.44E-07	J	I		6.62E-07	µCi/mL	GP	EPIA-002

WELL HSB148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Depth to water: 39.75 ft (12.12 m) below TOC
Water elevation: 211.35 ft (64.42 m) msl
pH: 7.8
Sp. conductance: 93 µS/cm
Turbidity: 12 NTU
Water evacuated from the well prior to sampling: 4 gal

Time: 11:40
Water temperature: 20.8°C
Air temperature: 22.7°C
Total alkalinity (as CaCO3): 44 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<80.0	U	V		50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<70.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.25	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	95.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.07E-09±9.52E-10				7.27E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.03E-09±6.35E-10	J	IK	C	1.09E-09	µCi/mL	GP	EPIA-001
0	Tritium	9.09E-06±6.67E-07				6.38E-07	µCi/mL	GP	EPIA-002

WELL HSB149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 22.36 ft (6.82 m) below TOC
Water elevation: 217.64 ft (66.34 m) msl
pH: 4.9
Sp. conductance: 23 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 16 gal

Time: 13:47
Water temperature: 19.5°C
Air temperature: 20.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	650				50.0	µg/L	GE	EPA353.1
0	pH	4.96	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	24.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.02E-09±6.28E-10				6.51E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.17E-09±6.45E-10	U			1.26E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.62E-05±1.03E-06				6.38E-07	µCi/mL	GP	EPIA-002

WELL HSB150D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 14.21 ft (4.33 m) below TOC
Water elevation: 224.79 ft (68.52 m) msl
pH: 4.7
Sp. conductance: 45 µS/cm
Turbidity: 10 NTU

Time: 11:40
Water temperature: 20.3°C
Air temperature: 19.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,740				50.0	µg/L	GE	EPA353.1
0	pH	5.32	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.33	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	44.8				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	44.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.68E-09±1.31E-09	J	K	C	1.16E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4.30E-08±2.34E-09				1.45E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.71E-05±1.20E-06				5.37E-07	µCi/mL	GP	EPIA-002

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 7.16 ft (2.18 m) below TOC
Water elevation: 206.44 ft (62.92 m) msl
pH: 4.8
Sp. conductance: 75 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 95 gal

Time: 11:00
Water temperature: 18.7°C
Air temperature: 17.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.191	J	I		0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	7,150				250	µg/L	GE	EPA353.1
0	pH	5.00	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.01	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	80.5				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	80.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.55E-09±7.21E-10	J	IK	C	8.17E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.09E-08±1.26E-09				1.36E-09	µCi/mL	GP	EPIA-001
2	Tritium	9.20E-04±1.79E-05				2.07E-06	µCi/mL	GP	EPIA-002

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 7.72 ft (2.35 m) below TOC
Water elevation: 205.88 ft (62.75 m) msl
pH: 4.8
Sp. conductance: 80 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 76 gal

Time: 10:17
Water temperature: 18.5°C
Air temperature: 12.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, dissolved	18.5	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, dissolved	4.90	J	I		40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	126				1.80	µg/L	WA	EPA6010B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, dissolved	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	Iron, dissolved	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	6.60	J	I		47.0	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	<5.00	U			5.00	µg/L	WA	EPA6010B

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 7.88 ft (2.4 m) below TOC
Water elevation: 205.72 ft (62.7 m) msl
pH: 4.9
Sp. conductance: 27 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 28 gal

Time: 10:48
Water temperature: 20.6°C
Air temperature: 17.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,660				50.0	µg/L	GE	EPA353.1
0	pH	5.09	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	29.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.69E-10±5.69E-10	U			9.53E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.24E-09±8.22E-10	J	I		1.51E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.52E-05±1.05E-06				5.40E-07	µCi/mL	GP	EPIA-002

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Depth to water: 8.55 ft (2.61 m) below TOC
Water elevation: 205.05 ft (62.5 m) msl
pH: 4.9
Sp. conductance: 29 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 30 gal

Time: 10:06
Water temperature: 18.7°C
Air temperature: 12.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, dissolved	68.8	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	138				1.80	µg/L	WA	EPA6010B
0	Cadmium, dissolved	0.540	J	I		4.70	µg/L	WA	EPA6010B
0	Chromium, dissolved	1.50	J	I		7.00	µg/L	WA	EPA6010B
0	Iron, dissolved	47.5	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Mercury, dissolved	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	1.40	J	I		5.00	µg/L	WA	EPA6010B

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 15.8 ft (4.82 m) below TOC
Water elevation: 198.3 ft (60.44 m) msl
pH: 4.6
Sp. conductance: 114 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 51 gal

Time: 9:56
Water temperature: 17.4°C
Air temperature: 17.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.157	J	I		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	11,700				250	µg/L	GE	EPA353.1
0	pH	4.90	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	122				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.80E-10±6.09E-10	U			9.22E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	2.92E-08±1.89E-09				1.36E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.12E-03±2.20E-05				2.31E-06	µCi/mL	GP	EPIA-002

WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: Not available
Water elevation: Not available
pH: 4.6
Sp. conductance: 45 µS/cm
Turbidity: 15 NTU

Time: 14:15
Water temperature: 25°C
Air temperature: 20°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,840				50.0	µg/L	GE	EPA353.1
0	pH	5.08	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	44.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.55E-09±7.80E-10	J	IK	C	1.13E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.07E-08±1.22E-09				1.22E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.83E-04±3.62E-06				8.66E-07	µCi/mL	GP	EPIA-002

WELL HSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 27.58 ft (8.41 m) below TOC
Water elevation: 236.42 ft (72.06 m) msl
pH: 4.5
Sp. conductance: 54 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 9 gal

Time: 8:55
Water temperature: 20.8°C
Air temperature: 21.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	3,260				100	µg/L	GE	EPA353.1
0	pH	4.54	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	54.5				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.06E-08±1.36E-09				7.22E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.75E-08±1.38E-09				1.41E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.28E-04±2.56E-06				7.68E-07	µCi/mL	GP	EPIA-002

WELL HSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 23.89 ft (7.28 m) below TOC
Water elevation: 241.61 ft (73.64 m) msl
pH: 5.1
Sp. conductance: 41 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 11 gal

Time: 9:20
Water temperature: 19.8°C
Air temperature: 21.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	950				50.0	µg/L	GE	EPA353.1
0	pH	5.20	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	42.7				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.12E-09±5.01E-10	J	I		5.98E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.25E-10±5.46E-10	U			1.17E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.21E-05±9.61E-07				6.44E-07	µCi/mL	GP	EPIA-002

WELL HSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 18.74 ft (5.71 m) below TOC
Water elevation: 248.86 ft (75.85 m) msl
pH: 4.8
Sp. conductance: 29 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 9:46
Water temperature: 21.3°C
Air temperature: 21.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	890				50.0	µg/L	GE	EPA353.1
0	pH	4.73	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	29.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.42E-09±7.44E-10	J	I		9.44E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.75E-09±6.30E-10	J	I		1.11E-09	µCi/mL	GP	EPIA-001
2	Tritium	8.20E-05±1.74E-06				6.39E-07	µCi/mL	GP	EPIA-002

WELL HSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 12.19 ft (3.72 m) below TOC
Water elevation: 261.01 ft (79.56 m) msl
pH: 5.7
Sp. conductance: 77 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 13 gal

Time: 10:12
Water temperature: 21.4°C
Air temperature: 21.5°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	800				50.0	µg/L	GE	EPA353.1
0	pH	5.75	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	79.9				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.02E-09±7.56E-10	J	I		6.51E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4.57E-08±2.09E-09				1.17E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.72E-05±8.59E-07				6.36E-07	µCi/mL	GP	EPIA-002

WELL HSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 10.7 ft (3.26 m) below TOC
Water elevation: 265.9 ft (81.05 m) msl
pH: 4.9
Sp. conductance: 39 µS/cm
Turbidity: 5 NTU

Time: 12:55
Water temperature: 27.3°C
Air temperature: 20.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,320				50.0	µg/L	GE	EPA353.1
0	pH	5.42	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	40.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.52E-09±7.41E-10				7.77E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.29E-08±1.21E-09				1.33E-09	µCi/mL	GP	EPIA-001
0	Tritium	8.87E-06±6.66E-07				6.35E-07	µCi/mL	GP	EPIA-002

WELL HSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 20.91 ft (6.37 m) below TOC
Water elevation: 259.09 ft (78.97 m) msl
pH: 4.3
Sp. conductance: 79 µS/cm
Turbidity: 11 NTU

Time: 10:50
Water temperature: 21.7°C
Air temperature: 18°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.173	J	I		0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	330				50.0	µg/L	GE	EPA353.1
0	pH	4.13	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	81.1				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	7.69E-09±1.48E-09	J	K	C	1.22E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	4.51E-08±2.32E-09				1.36E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.13E-05±8.40E-07				5.39E-07	µCi/mL	GP	EPIA-002

WELL HSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 25.63 ft (7.81 m) below TOC
Water elevation: 258.17 ft (78.69 m) msl
pH: 4.6
Sp. conductance: 47 µS/cm
Turbidity: 14 NTU

Time: 11:05
Water temperature: 20.4°C
Air temperature: 18.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,310				50.0	µg/L	GE	EPA353.1
0	pH	4.57	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	47.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.48E-09±6.15E-10	J	IK	C	6.09E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.91E-09±7.48E-10				1.12E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.64E-05±9.27E-07				5.42E-07	µCi/mL	GP	EPIA-002

WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 29.7 ft (9.05 m) below TOC
Water elevation: 259 ft (78.94 m) msl
pH: 5
Sp. conductance: 74 µS/cm
Turbidity: 10 NTU

Time: 11:25
Water temperature: 23.4°C
Air temperature: 19°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.313				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	6,050				250	µg/L	GE	EPA353.1
0	pH	5.04	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	70.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	9.86E-10±4.99E-10	J	IK	C	6.16E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.94E-09±1.16E-09				1.18E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.08E-05±1.24E-06				5.37E-07	µCi/mL	GP	EPIA-002

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 10.7 ft (3.26 m) below TOC
Water elevation: 271.3 ft (82.69 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available

Time: 15:00
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 9 ft (2.74 m) below TOC
Water elevation: 272.8 ft (83.15 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available

Time: 10:00
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B

WELL HTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 9.9 ft (3.02 m) below TOC
Water elevation: 273 ft (83.21 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available

Time: 10:30
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	37.1	J	I		146	µg/L	WA	EPA6010B

WELL HTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 30 ft (9.14 m) below TOC
Water elevation: 275.8 ft (84.06 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available

Time: 9:00
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	208				146	µg/L	WA	EPA6010B

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 29.9 ft (9.11 m) below TOC
Water elevation: 275.5 ft (83.97 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available

Time: 9:15
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,270				146	µg/L	WA	EPA6010B

WELL HTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 30.6 ft (9.33 m) below TOC
Water elevation: 274.7 ft (83.73 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available

Time: 9:30
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	662				146	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,180				40.0	µg/L	WA	EPA353.2
0	Gross alpha	2.79E-09±8.50E-10				5.30E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	9.70E-10±6.00E-10	J	I		8.10E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.34E-08±1.45E-09				1.42E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.21E-08±1.32E-09				1.23E-09	µCi/mL	TM	EPA900.0M

WELL HTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 33.2 ft (10.12 m) below TOC
Water elevation: 272.5 ft (83.06 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available

Time: 10:00
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	501				146	µg/L	WA	EPA6010B

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 51.3 ft (15.64 m) below TOC
Water elevation: 272.7 ft (83.12 m) msl
pH: 5.9
Sp. conductance: 94 µS/cm
Turbidity: 93 NTU

Time: 10:55
Water temperature: 24°C
Air temperature: 25°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	340				146	µg/L	WA	EPA6010B

WELL HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 50.4 ft (15.36 m) below TOC
Water elevation: 272.3 ft (83 m) msl
pH: 6.1
Sp. conductance: 161 µS/cm
Turbidity: 28 NTU

Time: 10:40
Water temperature: 21°C
Air temperature: 25°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	67.2	J	I		146	µg/L	WA	EPA6010B

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 50.3 ft (15.33 m) below TOC
Water elevation: 272.5 ft (83.06 m) msl
pH: 6.4
Sp. conductance: 275 µS/cm
Turbidity: 45 NTU

Time: 10:00
Water temperature: 21°C
Air temperature: 23°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	189				146	µg/L	WA	EPA6010B

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 28 ft (8.53 m) below TOC
Water elevation: 262.2 ft (79.92 m) msl
pH: 5.6
Sp. conductance: 99 µS/cm
Turbidity: 1000 NTU

Time: 9:20
Water temperature: 22°C
Air temperature: 21°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	18,300				146	µg/L	WA	EPA6010B

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/04/99
Depth to water: 53.2 ft (16.22 m) below TOC
Water elevation: 270.5 ft (82.45 m) msl
pH: 4.7
Sp. conductance: 71 µS/cm
Turbidity: 7 NTU

Time: 9:20
Water temperature: 21°C
Air temperature: 19°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	172				146	µg/L	WA	EPA6010B

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/04/99
Depth to water: 57 ft (17.37 m) below TOC
Water elevation: 267.8 ft (81.63 m) msl
pH: 5.7
Sp. conductance: 335 µS/cm
Turbidity: 10 NTU

Time: 9:00
Water temperature: 22°C
Air temperature: 18°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

Well HTF 19 collected on 11/04/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	111	J	I		146	µg/L	WA	EPA6010B

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 55.8 ft (17.01 m) below TOC
Water elevation: 269.1 ft (82.02 m) msl
pH: 4.4
Sp. conductance: 279 µS/cm
Turbidity: 15 NTU

Time: 11:25
Water temperature: 27°C
Air temperature: 26°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	549				146	µg/L	WA	EPA6010B

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 56 ft (17.07 m) below TOC
Water elevation: 268.7 ft (81.9 m) msl
pH: 4.6
Sp. conductance: 295 µS/cm
Turbidity: 14 NTU

Time: 11:10
Water temperature: 24°C
Air temperature: 26°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	232				146	µg/L	WA	EPA6010B

WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/28/99
Depth to water: 59.6 ft (18.17 m) below TOC
Water elevation: 273.9 ft (83.49 m) msl
pH: 5.8
Sp. conductance: 135 µS/cm
Turbidity: 29 NTU

Time: 12:15
Water temperature: 26°C
Air temperature: 26°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	825	J	K	I	146	µg/L	WA	EPA6010B

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/28/99
Depth to water: 64 ft (19.51 m) below TOC
Water elevation: 269.9 ft (82.27 m) msl
pH: 4.6
Sp. conductance: 182 µS/cm
Turbidity: 10 NTU

Time: 11:45
Water temperature: 24°C
Air temperature: 25°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	65.6	J	IK	I	146	µg/L	WA	EPA6010B

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/28/99
Depth to water: 62.1 ft (18.93 m) below TOC
Water elevation: 272.2 ft (82.97 m) msl
pH: 4.8
Sp. conductance: 42 µS/cm
Turbidity: 9 NTU

Time: 11:35
Water temperature: 26°C
Air temperature: 25°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	64.3	J	IK	I	146	µg/L	WA	EPA6010B

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/28/99
Depth to water: 62.7 ft (19.11 m) below TOC
Water elevation: 272.8 ft (83.15 m) msl
pH: 4.7
Sp. conductance: 87 µS/cm
Turbidity: 37 NTU
Time: 11:20
Water temperature: 28°C
Air temperature: 24°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,130	J	K	I	146	µg/L	WA	EPA6010B

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/28/99
Depth to water: 57.7 ft (17.59 m) below TOC
Water elevation: 275.4 ft (83.94 m) msl
pH: 4.4
Sp. conductance: 214 µS/cm
Turbidity: 59 NTU
Time: 11:05
Water temperature: 24°C
Air temperature: 24°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,170	J	K	I	146	µg/L	WA	EPA6010B

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/28/99
Depth to water: 59.3 ft (18.07 m) below TOC
Water elevation: 274.4 ft (83.64 m) msl
pH: 5
Sp. conductance: 199 µS/cm
Turbidity: 17 NTU
Time: 12:30
Water temperature: 23°C
Air temperature: 26°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	240	J	K	I	146	µg/L	WA	EPA6010B

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/28/99
Depth to water: 59.3 ft (18.07 m) below TOC
Water elevation: 274.2 ft (83.58 m) msl
pH: 4.1
Sp. conductance: 44 µS/cm
Turbidity: 18 NTU
Time: 12:00
Water temperature: 22°C
Air temperature: 26°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	800	J	K	I	146	µg/L	WA	EPA6010B

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/28/99
Depth to water: 53.1 ft (16.19 m) below TOC
Water elevation: 274.6 ft (83.7 m) msl
pH: 5.1
Sp. conductance: 197 µS/cm
Turbidity: 12 NTU
Time: 12:45
Water temperature: 25°C
Air temperature: 26°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	64.7	J	IK	I	146	µg/L	WA	EPA6010B

WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/28/99
Depth to water: 55.9 ft (17.04 m) below TOC
Water elevation: 273.2 ft (83.27 m) msl
pH: 5.2
Sp. conductance: 90 µS/cm
Turbidity: 22 NTU
Time: 10:40
Water temperature: 23°C
Air temperature: 24°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	733	J	K	I	146	µg/L	WA	EPA6010B

WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 30.6 ft (9.33 m) below TOC
Water elevation: 274.9 ft (83.79 m) msl
pH: 5.3
Sp. conductance: 348 µS/cm
Turbidity: 176 NTU
Time: 9:45
Water temperature: 24°C
Air temperature: 22°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	6,350				146	µg/L	WA	EPA6010B

WELL HWS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 79.62 ft (24.27 m) below TOC
Water elevation: 243.58 ft (74.24 m) msl
pH: 4.4
Sp. conductance: 17 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 49 gal
Time: 9:09
Water temperature: 20.5°C
Air temperature: 18.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

Well HWS 2 collected on 10/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Iron, total recoverable	<13.0	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total organic halogens	<120	JU	Q		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL HXB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 56.42 ft (17.2 m) below TOC
Water elevation: 250.58 ft (76.38 m) msl
pH: 5.7
Sp. conductance: 34 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 38 gal

Time: 9:30
Water temperature: 20.3°C
Air temperature: 17.9°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	32.9	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Iron, total recoverable	<35.0	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL HXB 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Depth to water: 58.88 ft (17.95 m) below TOC
Water elevation: 249.92 ft (76.18 m) msl
pH: 5.1
Sp. conductance: 25 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 44 gal

Time: 11:30
Water temperature: 20.5°C
Air temperature: 21.4°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Iron, total recoverable	<21.8	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total organic halogens	19.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL KCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/14/99
Depth to water: 53.39 ft (16.27 m) below TOC
Water elevation: 195.51 ft (59.59 m) msl
pH: 3.8
Sp. conductance: 322 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:01
Water temperature: 19.5°C
Air temperature: 18.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	12,000				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	11,800				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloride	4,040				210	µg/L	WA	EPA9056
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Fluoride	1,260				40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	660				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	645				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	5.00	J	I		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.10	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	6.00				2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	5.70				2.70	µg/L	WA	EPA6010B
2	Manganese, total recoverable	804				7.80	µg/L	WA	EPA6010B
2	Manganese, total recoverable	791				7.80	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,420				100	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	1,200				100	µg/L	WA	EPA353.2
0	Silica, total recoverable	10,900				1,370	µg/L	WA	EPA6010B
0	Silica, total recoverable	10,800				1,370	µg/L	WA	EPA6010B
0	Sulfate	143,000				6,800	µg/L	WA	EPA9056
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total dissolved solids	231,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	610	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	26.6	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	602				134	µg/L	WA	EPA365.2
0	Total phosphates (as P)	581				134	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Nonvolatile beta	9.90E-09±1.33E-09				1.32E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	9.20E-09±1.34E-09				1.51E-09	µCi/mL	TM	EPA900.0M

WELL KCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 52.68 ft (16.06 m) below TOC
Water elevation: 195.82 ft (59.69 m) msl
pH: 4.8
Sp. conductance: 46 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 22 gal

Time: 13:38
Water temperature: 20.8°C
Air temperature: 23.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	42.2	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloride	4,130				210	µg/L	WA	EPA9056
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Fluoride	<187	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	<8.80	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B

Well KCB 6 collected on 10/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lithium, total recoverable	<1.30	U	V		2.70	µg/L	WA	EPA6010B
1	Manganese, total recoverable	27.0				7.80	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,410				100	µg/L	WA	EPA353.2
0	Silica, total recoverable	6,890				1,370	µg/L	WA	EPA6010B
0	Sulfate	3,740				340	µg/L	WA	EPA9056
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total dissolved solids	36,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	647	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	26.2	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	72.4				67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Nonvolatile beta	2.01E-09±9.60E-10	J	I		1.48E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.51E-09±8.80E-10	J	I		1.27E-09	µCi/mL	TM	EPA900.0M

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 68.04 ft (20.74 m) below TOC
Water elevation: 205.06 ft (62.5 m) msl
pH: 5.2
Sp. conductance: 131 µS/cm
Turbidity: 14 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:10
Water temperature: 21.6°C
Air temperature: 10.1°C
Total alkalinity (as CaCO3): 30 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	1.25E-04±2.54E-06				5.90E-07	µCi/mL	TM	EPA906.0M
2	Tritium	1.05E-04±2.20E-06				5.30E-07	µCi/mL	TM	EPA906.0M

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 68.28 ft (20.81 m) below TOC
Water elevation: 204.82 ft (62.43 m) msl
pH: 5.5
Sp. conductance: 133 µS/cm
Turbidity: 14 NTU

Time: 9:25
Water temperature: 21.6°C
Air temperature: 14.8°C
Total alkalinity (as CaCO3): 27 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	9.80E-05±2.30E-06				9.30E-07	µCi/mL	TM	EPA906.0M
2	Tritium	1.01E-04±2.36E-06				9.40E-07	µCi/mL	TM	EPA906.0M

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/17/99
Depth to water: 68.51 ft (20.88 m) below TOC
Water elevation: 204.59 ft (62.36 m) msl
pH: 5.3
Sp. conductance: 130 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:25
Water temperature: 17.6°C
Air temperature: 2.1°C
Total alkalinity (as CaCO3): 22 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	1.15E-04±2.57E-06				8.50E-07	µCi/mL	TM	EPA906.0M
2	Tritium	1.05E-04±2.40E-06				8.00E-07	µCi/mL	TM	EPA906.0M

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 70.01 ft (21.34 m) below TOC
Water elevation: 203.49 ft (62.02 m) msl
pH: 4.9
Sp. conductance: 36 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 42 gal

Time: 8:45
Water temperature: 22.1°C
Air temperature: 6.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	1.03E-03±7.89E-06				7.00E-07	µCi/mL	TM	EPA906.0M

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 70.3 ft (21.43 m) below TOC
Water elevation: 203.2 ft (61.94 m) msl
pH: 4.6
Sp. conductance: 39 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 31 gal

Time: 8:56
Water temperature: 21.2°C
Air temperature: 12°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	1.00E-03±7.32E-06				9.60E-07	µCi/mL	TM	EPA906.0M

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/17/99
Depth to water: 70.56 ft (21.51 m) below TOC
Water elevation: 202.94 ft (61.86 m) msl
pH: 4.9
Sp. conductance: 38 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 35 gal

Time: 8:59
Water temperature: 20.6°C
Air temperature: 0°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	1.05E-03±8.23E-06				9.80E-07	µCi/mL	TM	EPA906.0M

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 68.98 ft (21.03 m) below TOC
Water elevation: 204.42 ft (62.31 m) msl
pH: 5.9
Sp. conductance: 230 µS/cm
Turbidity: 28 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 8:50
Water temperature: 21°C
Air temperature: 15.7°C
Total alkalinity (as CaCO3): 78 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Tritium	1.16E-05±8.00E-07				5.50E-07	µCi/mL	TM	EPA906.0M

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 69.28 ft (21.12 m) below TOC
Water elevation: 204.12 ft (62.22 m) msl
pH: 6.1
Sp. conductance: 238 µS/cm
Turbidity: 7 NTU
Time: 9:05
Water temperature: 21.4°C
Air temperature: 12.5°C
Total alkalinity (as CaCO3): 68 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Tritium	1.08E-05±9.10E-07				9.20E-07	µCi/mL	TM	EPA906.0M

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/17/99
Depth to water: 69.51 ft (21.19 m) below TOC
Water elevation: 203.89 ft (62.15 m) msl
pH: 6
Sp. conductance: 233 µS/cm
Turbidity: 18 NTU
Water evacuated from the well prior to sampling: 1 gal
Time: 9:05
Water temperature: 16.9°C
Air temperature: 3.6°C
Total alkalinity (as CaCO3): 66 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Tritium	1.13E-05±9.30E-07				8.50E-07	µCi/mL	TM	EPA906.0M

WELL KDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: Not available
Water elevation: Not available
pH: 5.1
Sp. conductance: 38 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 1 gal
Time: 9:00
Water temperature: 20.7°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	4.91E-04±4.73E-06				5.30E-07	µCi/mL	TM	EPA906.0M

WELL KDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: Not available
Water elevation: Not available
pH: 6.1
Sp. conductance: 49 µS/cm
Turbidity: 6 NTU
Time: 9:15
Water temperature: 20.8°C
Air temperature: 15.4°C
Total alkalinity (as CaCO3): 16 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	9.18E-04±6.93E-06				9.40E-07	µCi/mL	TM	EPA906.0M

WELL KDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/17/99
Depth to water: Not available
Water elevation: Not available
pH: 5.3
Sp. conductance: 42 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal
Time: 9:15
Water temperature: 18.6°C
Air temperature: 2.9°C
Total alkalinity (as CaCO3): 10 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	1.40E-03±1.02E-05				1.12E-06	µCi/mL	TM	EPA906.0M

WELL KDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 67.64 ft (20.62 m) below TOC
Water elevation: 202.46 ft (61.71 m) msl
pH: 5.1
Sp. conductance: 22 µS/cm
Turbidity: 75 NTU
Water evacuated from the well prior to sampling: 3 gal
Time: 12:15
Water temperature: 22.1°C
Air temperature: 20.4°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	4.24E-05±1.46E-06				5.60E-07	µCi/mL	TM	EPA906.0M

WELL KDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 67.94 ft (20.71 m) below TOC
Water elevation: 202.16 ft (61.62 m) msl
pH: 5.5
Sp. conductance: 21 µS/cm
Turbidity: 26 NTU
Time: 9:40
Water temperature: 21.1°C
Air temperature: 15.3°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	2.80E-05±1.32E-06				9.40E-07	µCi/mL	TM	EPA906.0M

WELL KDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/17/99
Depth to water: 68.22 ft (20.79 m) below TOC
Water elevation: 201.88 ft (61.53 m) msl
pH: 5.1
Sp. conductance: 21 µS/cm
Turbidity: 92 NTU
Water evacuated from the well prior to sampling: 1 gal
Time: 12:25
Water temperature: 19.8°C
Air temperature: 13.7°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	2.78E-05±1.32E-06				8.30E-07	µCi/mL	TM	EPA906.0M

WELL KRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 47.94 ft (14.61 m) below TOC
Water elevation: 215.96 ft (65.83 m) msl
pH: 4.5
Sp. conductance: 34 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 21 gal

Time: 9:10
Water temperature: 18°C
Air temperature: 6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	122	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	122	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	69.5	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	64.5	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	4.80	J	I		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	4.90	J	I		47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
1	Tetrachloroethylene	2.70	J	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<21.4	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL KRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 37.82 ft (11.53 m) below TOC
Water elevation: 216.68 ft (66.04 m) msl
pH: 5.1
Sp. conductance: 20 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 16 gal

Time: 8:46
Water temperature: 18.4°C
Air temperature: 5.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	20.0	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	131				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	5.20	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.420	J	I		2.70	µg/L	WA	EPA6010B
1	Manganese, total recoverable	47.9				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<12.9	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL KRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 39.99 ft (12.19 m) below TOC
Water elevation: 215.61 ft (65.72 m) msl
pH: 5.8
Sp. conductance: 100 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 46 gal

Time: 12:06
Water temperature: 20°C
Air temperature: 19.9°C
Total alkalinity (as CaCO3): 24 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	29.4	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	72.4	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	79.0				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	2.30	J	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL KRP 4 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Depth to water: 39.99 ft (12.19 m) below TOC
Water elevation: 215.61 ft (65.72 m) msl
pH: 5.8
Sp. conductance: 100 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 46 gal

Time: 12:06
Water temperature: 20°C
Air temperature: 19.9°C
Total alkalinity (as CaCO3): 24 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	2.30	J	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/14/99
Depth to water: 84.2 ft (25.66 m) below TOC
Water elevation: 181.6 ft (55.35 m) msl
pH: 4.8
Sp. conductance: 23 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 17 gal

Time: 12:02
Water temperature: 23.6°C
Air temperature: 22.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	40.2	J	I		146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	38.0	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B

Well KSB 2 collected on 10/14/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	143				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	131				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<0.710	U	V		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<0.760	U	V		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B

WELL KSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/14/99
Depth to water: 84.12 ft (25.64 m) below TOC
Water elevation: 177.38 ft (54.07 m) msl
pH: 4.8
Sp. conductance: 32 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 39 gal

Time: 11:18
Water temperature: 23.7°C
Air temperature: 21.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	49.3	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	Iron, total recoverable	86.2				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.570	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
2	Trichloroethylene	11.3	J	Q		1.00	µg/L	WA	EPA8021B

WELL LAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 20.61 ft (6.28 m) below TOC
Water elevation: 219.59 ft (66.93 m) msl
pH: 4.9
Sp. conductance: 23 µS/cm
Turbidity: 0 NTU
No water was evacuated from the well prior to sampling.

Time: 10:41
Water temperature: 23.5°C
Air temperature: 24°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	201				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	261				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	5.60				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	6.00				1.80	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	606				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	763				471	µg/L	WA	EPA6010B
1	Iron, total recoverable	230				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	254				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	611				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	646				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Potassium, total recoverable	281				187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	296				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B

Well LAC 2 collected on 10/12799 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,650				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,830				285	µg/L	WA	EPA6010B
0	Total dissolved solids	31,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	33,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Gross alpha	9.90E-10±6.50E-10	J	I		9.20E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	5.70E-10±5.60E-10	U			8.90E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.06E-09±7.90E-10	U			1.27E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.10E-09±7.70E-10	U			1.24E-09	µCi/mL	TM	EPA900.0M

WELL LAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 24.03 ft (7.32 m) below TOC
Water elevation: 213.77 ft (65.16 m) msl
pH: 7.2
Sp. conductance: 127 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 113 gal

Time: 11:16
Water temperature: 21°C
Air temperature: 11.8°C
Total alkalinity (as CaCO3): 75 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	25.7	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<1.80	U			1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	<1.80	U			1.80	µg/L	WA	EPA6010B
0	Benzene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	<471	U			471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	<471	U			471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Chloride	1,580				210	µg/L	WA	EPA9056
0	Chloride	1,550				210	µg/L	WA	EPA9056
0	Chlorobenzene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	LQ	O	5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	4.10	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	4.20	J	I		7.00	µg/L	WA	EPA6010B
0	Dibromochloromethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.36	J	LQ	O	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Fluoride	<21.6	U	V		40.0	µg/L	WA	EPA340.2
2	Iron, total recoverable	755				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	763				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Potassium, total recoverable	75.9	J	I		187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	66.8	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B

Well LAC 3 collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.590	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	25,900				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	25,900				285	µg/L	WA	EPA6010B
0	Sulfate	319	J	I	X	340	µg/L	WA	EPA9056
0	Sulfate	310	J	I	X	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Total dissolved solids	112,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	412	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	29.9	J	I		67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	LQ	O	5.00	µg/L	GE	EPA8260B
0	Gross alpha	1.10E-09±1.60E-09	U			2.51E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	8.90E-10±1.55E-09	U			2.50E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-2.40E-09±3.56E-09	U			5.79E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-4.80E-09±3.43E-09	U			5.79E-09	µCi/mL	TM	EPA900.0M

WELL LAW 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 18.92 ft (5.77 m) below TOC
Water elevation: 205.08 ft (62.51 m) msl
pH: 4.9
Sp. conductance: 44 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 80 gal

Time: 11:50
Water temperature: 20.5°C
Air temperature: 24.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	4.04E-03±1.05E-04				3.34E-05	µCi/mL	TM	EPA906.0M
2	Tritium	4.08E-03±1.07E-04				3.39E-05	µCi/mL	TM	EPA906.0M

WELL LAW 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/17/99
Depth to water: 19.5 ft (5.94 m) below TOC
Water elevation: 204.5 ft (62.33 m) msl
pH: 4.6
Sp. conductance: 45 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 67 gal

Time: 11:49
Water temperature: 19.9°C
Air temperature: 13°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	4.17E-03±1.08E-04				3.24E-05	µCi/mL	TM	EPA906.0M
2	Tritium	3.96E-03±1.03E-04				3.12E-05	µCi/mL	TM	EPA906.0M

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 37.27 ft (11.36 m) below TOC
Water elevation: 214.63 ft (65.42 m) msl
pH: 4.7
Sp. conductance: 46 µS/cm
Turbidity: 17 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:35
Water temperature: 21.5°C
Air temperature: 15.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

Well LDB 1 collected on 10/22/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	8.08E-06±6.30E-07				5.00E-07	µCi/mL	TM	EPA906.0M
0	Tritium	8.80E-06±7.20E-07				5.80E-07	µCi/mL	TM	EPA906.0M

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 37.67 ft (11.48 m) below TOC
Water elevation: 214.23 ft (65.3 m) msl
pH: 5.1
Sp. conductance: 51 µS/cm
Turbidity: 28 NTU

Time: 11:20
Water temperature: 22.6°C
Air temperature: 22.5°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	8.77E-06±7.60E-07				6.00E-07	µCi/mL	TM	EPA906.0M
0	Tritium	9.01E-06±7.80E-07				6.10E-07	µCi/mL	TM	EPA906.0M

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/17/99
Depth to water: 38.15 ft (11.63 m) below TOC
Water elevation: 213.75 ft (65.15 m) msl
pH: 4.6
Sp. conductance: 47 µS/cm
Turbidity: 23 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:10
Water temperature: 20.3°C
Air temperature: 13.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	7.71E-06±7.10E-07				5.70E-07	µCi/mL	TM	EPA906.0M
0	Tritium	7.70E-06±7.00E-07				5.40E-07	µCi/mL	TM	EPA906.0M

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 36.36 ft (11.08 m) below TOC
Water elevation: 216.54 ft (66 m) msl
pH: 5.1
Sp. conductance: 71 µS/cm
Turbidity: 39 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:25
Water temperature: 20.4°C
Air temperature: 14.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	2.51E-05±1.13E-06				5.90E-07	µCi/mL	TM	EPA906.0M
0	Tritium	2.86E-06±5.30E-07				6.30E-07	µCi/mL	TM	EPA906.0M

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 36.81 ft (11.22 m) below TOC
Water elevation: 216.09 ft (65.87 m) msl
pH: 5.2
Sp. conductance: 84 µS/cm
Turbidity: 29 NTU

Time: 10:45
Water temperature: 21°C
Air temperature: 22.3°C
Total alkalinity (as CaCO3): 10 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	3.25E-06±5.30E-07				5.80E-07	µCi/mL	TM	EPA906.0M

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/17/99
Depth to water: 37.3 ft (11.37 m) below TOC
Water elevation: 215.6 ft (65.72 m) msl
pH: 4.9
Sp. conductance: 72 µS/cm
Turbidity: 49 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:00
Water temperature: 19.4°C
Air temperature: 11.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	3.53E-06±5.30E-07				5.60E-07	µCi/mL	TM	EPA906.0M

WELL LDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 37.78 ft (11.52 m) below TOC
Water elevation: 215.32 ft (65.63 m) msl
pH: 6.4
Sp. conductance: 199 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 42 gal

Time: 10:16
Water temperature: 23.4°C
Air temperature: 14.3°C
Total alkalinity (as CaCO3): 85 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	3.09E-04±3.93E-06				6.30E-07	µCi/mL	TM	EPA906.0M

WELL LDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 38.4 ft (11.7 m) below TOC
Water elevation: 214.7 ft (65.44 m) msl
pH: 6.3
Sp. conductance: 145 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 38 gal

Time: 11:13
Water temperature: 23.5°C
Air temperature: 22.3°C
Total alkalinity (as CaCO3): 66 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	2.40E-04±3.76E-06				6.50E-07	µCi/mL	TM	EPA906.0M

WELL LDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/17/99
Depth to water: 39 ft (11.89 m) below TOC
Water elevation: 214.1 ft (65.26 m) msl
pH: 6.2
Sp. conductance: 168 µS/cm
Turbidity: 36 NTU
Water evacuated from the well prior to sampling: 45 gal

Time: 10:53
Water temperature: 23.1°C
Air temperature: 11.7°C
Total alkalinity (as CaCO3): 61 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	3.17E-04±4.13E-06				5.70E-07	µCi/mL	TM	EPA906.0M

WELL LDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99
Depth to water: 36.52 ft (11.13 m) below TOC
Water elevation: 213.08 ft (64.95 m) msl
pH: 4.9
Sp. conductance: 45 µS/cm
Turbidity: 71 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 10:45
Water temperature: 21.6°C
Air temperature: 27.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	3.51E-06±5.30E-07				6.00E-07	µCi/mL	TM	EPA906.0M

WELL LDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 37.1 ft (11.31 m) below TOC
Water elevation: 212.5 ft (64.77 m) msl
pH: 5.4
Sp. conductance: 46 µS/cm
Turbidity: 13 NTU

Time: 11:28
Water temperature: 22.1°C
Air temperature: 24.2°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	5.63E-06±6.30E-07				5.80E-07	µCi/mL	TM	EPA906.0M

WELL LDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/17/99
Depth to water: 37.65 ft (11.48 m) below TOC
Water elevation: 211.95 ft (64.6 m) msl
pH: 4.9
Sp. conductance: 47 µS/cm
Turbidity: 91 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:15
Water temperature: 20.4°C
Air temperature: 16.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	3.33E-06±5.30E-07				5.70E-07	µCi/mL	TM	EPA906.0M

WELL LFW 6R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 18.21 ft (5.55 m) below TOC
Water elevation: 151.99 ft (46.33 m) msl
pH: 4.6
Sp. conductance: 37 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 8:14
Water temperature: 19.3°C
Air temperature: 0.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	84.1	J	I		200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	15.2				10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 6R collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	1.40	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	8.80	J	K	O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	34.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<7.90	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<20.0	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	6.70	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
1	Gross alpha	8.61E-09±1.39E-09				1.60E-10	µCi/mL	TM	EPA900.0M
1	Gross alpha	8.61E-09±1.39E-09				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	-2.72E-06±6.30E-07	JU			1.28E-06	µCi/mL	TM	EPA906.0M
0	Tritium	-2.66E-06±6.30E-07	JU			1.27E-06	µCi/mL	TM	EPA906.0M

WELL LFW 8R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99
Depth to water: 22.47 ft (6.85 m) below TOC
Water elevation: 148.13 ft (45.15 m) msl
pH: 6.5
Sp. conductance: 226 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 14 gal

Time: 10:34
Water temperature: 20.1°C
Air temperature: 8.3°C
Total alkalinity (as CaCO3): 104 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

Well LFW 8R collected on 12/08/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	22.2				10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	13.4				10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	5.00	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	19.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	4.40	J	IK	O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	3.10	J	IK	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	3.70	J	IK	O	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.80	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	69,000				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<6.93	JU	I	4	20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
1	Gross alpha	1.06E-08±1.88E-09				1.01E-09	µCi/mL	TM	EPA900.0M
1	Gross alpha	9.62E-09±1.80E-09				1.01E-09	µCi/mL	TM	EPA900.0M
0	Tritium	5.90E-07±4.00E-07	U			6.40E-07	µCi/mL	TM	EPA906.0M
0	Tritium	6.10E-07±4.10E-07	U			6.60E-07	µCi/mL	TM	EPA906.0M

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99
Depth to water: 31.1 ft (9.48 m) below TOC
Water elevation: 152.8 ft (46.57 m) msl
pH: 6
Sp. conductance: 133 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 9:53
Water temperature: 19.2°C
Air temperature: 4.6°C
Total alkalinity (as CaCO3): 54 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	20.7				10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	6.06	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	1.90	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	6.70	J	K	O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<8.50	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	25,100				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<4.25	JU	I	4	20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 18 collected on 12/08/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	6.08E-09±1.31E-09				8.30E-10	µCi/mL	TM	EPA900.0M
0	Tritium	1.83E-06±4.80E-07				6.50E-07	µCi/mL	TM	EPA906.0M

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 36.37 ft (11.09 m) below TOC
Water elevation: 148.73 ft (45.33 m) msl
pH: 6.8
Sp. conductance: 222 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 40 gal

Time: 9:33
Water temperature: 18.9°C
Air temperature: 4.5°C
Total alkalinity (as CaCO3): 85 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
1	Arsenic, total recoverable	29.4				10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	5.15	J	I		10.0	µg/L	EX	EPA6010B
1	Benzene	3.70	J	I		5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	1.90	J	I		5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	120				5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	25.0				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	42.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.50	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	29.0				5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	23,800				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	2.67	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B

Well LFW 21 collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<4.88	JU	I	4	20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	8.70				5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	1.70	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	2.00	J	I		5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	74.0				10.0	µg/L	EX	EPA8260B
0	Gross alpha	5.46E-09±1.34E-09				2.30E-10	µCi/mL	TM	EPA900.0M
0	Tritium	2.05E-06±8.20E-07	U	V		1.29E-06	µCi/mL	TM	EPA906.0M

WELL LFW 23R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 21.96 ft (6.69 m) below TOC
Water elevation: 148.34 ft (45.21 m) msl
pH: 5
Sp. conductance: 28 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 23 gal

Time: 10:12
Water temperature: 19.2°C
Air temperature: 10.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	9.18	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.90	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 23R collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<15.0	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
2	Gross alpha	1.77E-08±1.98E-09				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	6.29E-06±1.04E-06	U	V		1.44E-06	µCi/mL	TM	EPA906.0M

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 66.11 ft (20.15 m) below TOC
Water elevation: 163.19 ft (49.74 m) msl
pH: 5.3
Sp. conductance: 22 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 52 gal

Time: 10:46
Water temperature: 19.8°C
Air temperature: 12.4°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<500	U			500	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	5.27	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 31 collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	24.4	J	I		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<1,500	U			1,500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<500	U			500	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Methyl methacrylate	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<500	U			500	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Trichlorofluoromethane	14.0				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	4.09E-09±1.22E-09				1.18E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	4.02E-09±1.21E-09				1.18E-09	µCi/mL	TM	EPA900.0M
0	Tritium	1.44E-06±4.10E-07				5.60E-07	µCi/mL	TM	EPA906.0M
0	Tritium	2.24E-06±4.50E-07				5.70E-07	µCi/mL	TM	EPA906.0M

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 81.73 ft (24.91 m) below TOC
Water elevation: 147.57 ft (44.98 m) msl
pH: 4.8
Sp. conductance: 26 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 17 gal

Time: 11:33
Water temperature: 18.8°C
Air temperature: 13.8°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	6.06	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B

Well LFW 31 collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.20	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	26.2	J	I		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	4.56	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	2.80	J	IK	O	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichlorofluoromethane	50.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	3.95E-09±1.12E-09				1.08E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	5.94E-09±1.30E-09				1.07E-09	µCi/mL	TM	EPA900.0M
2	Tritium	1.29E-04±2.56E-06				5.30E-07	µCi/mL	TM	EPA906.0M
2	Tritium	1.49E-04±2.94E-06				6.10E-07	µCi/mL	TM	EPA906.0M
0	Tritium	9.70E-10±3.40E-10	J	I		4.90E-10	µCi/mL	TM	EPA906.0M

WELL LFW 36R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 23.3 ft (7.1 m) below TOC
Water elevation: 142.9 ft (43.56 m) msl
pH: 6.2
Sp. conductance: 163 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 11 gal

Time: 12:19
Water temperature: 20.9°C
Air temperature: 19.4°C
Total alkalinity (as CaCO3): 69 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

Well LFW 36R collected on 12/15/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	2.80	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	4.30	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	37.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	4.40	J	IK	O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	9.30	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.50	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	29,500				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
2	Lead, total recoverable	91.4				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	5.46E-09±1.43E-09				1.32E-09	µCi/mL	TM	EPA900.0M
0	Tritium	6.73E-06±6.40E-07				5.20E-07	µCi/mL	TM	EPA906.0M

WELL LFW 41R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 28.21 ft (8.6 m) below TOC
Water elevation: 141.49 ft (43.13 m) msl
pH: 5.1
Sp. conductance: 26 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 19 gal

Time: 10:33
Water temperature: 20°C
Air temperature: 19°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	4.08	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Dichlorodifluoromethane	13.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	2.60	J	IK	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.10	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<13.2	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 41R collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Trichlorofluoromethane	11.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	7.16E-09±1.26E-09				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	-2.48E-06±6.20E-07	JU			1.25E-06	µCi/mL	TM	EPA906.0M

WELL LFW 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 39.31 ft (11.98 m) below TOC
Water elevation: 163.69 ft (49.89 m) msl
pH: 5.1
Sp. conductance: 17 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 146 gal

Time: 12:15
Water temperature: 18.5°C
Air temperature: 15°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	4.40				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	3.76	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B

Well LFW 43B collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<1.10	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<11.0	U	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.8	U	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.90	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<12.1	U	V		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<7.74	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B

Well LFW 43B collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	3.19E-09±8.19E-10	U		6	4.74E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.90E-09±8.29E-10	U		6	7.22E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	7.03E-09±1.24E-09			6	1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	5.71E-07±3.90E-07	U			6.35E-07	µCi/mL	GP	EPIA-002
0	Tritium	-2.51E-06±6.40E-07	JU			1.29E-06	µCi/mL	TM	EPA906.0M

WELL LFW 43B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 39.31 ft (11.98 m) below TOC
Water elevation: 163.69 ft (49.89 m) msl
pH: 5.1
Sp. conductance: 17 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 146 gal

Time: 12:15
Water temperature: 18.5°C
Air temperature: 15°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well LFW 43B collected on 12/03/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	3.95	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<9.00	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<5.91	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
1	Gross alpha	7.97E-09±1.32E-09			6	1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	8.46E-06±7.60E-07				6.10E-07	µCi/mL	TM	EPA906.0M

WELL LFW 43C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 38.85 ft (11.84 m) below TOC
Water elevation: 163.75 ft (49.91 m) msl
pH: 5.2
Sp. conductance: 14 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 68 gal

Time: 12:28
Water temperature: 18°C
Air temperature: 15.1°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	4.08	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.90	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<5.89	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 43C collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	3.56E-09±8.80E-10	U		6	1.50E-10	µCi/mL	TM	EPA900.0M
0	Tritium	-2.59E-06±5.80E-07	JU			1.19E-06	µCi/mL	TM	EPA906.0M

WELL LFW 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 38.95 ft (11.87 m) below TOC
Water elevation: 163.95 ft (49.97 m) msl
pH: 5.1
Sp. conductance: 10 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 45 gal

Time: 12:04
Water temperature: 17.7°C
Air temperature: 15°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	6.12	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<7.50	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<8.06	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B

Well LFW 43D collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	5.24E-09±1.07E-09	U		6	1.50E-10	µCi/mL	TM	EPA900.0M
0	Tritium	-2.53E-06±6.10E-07	JU			1.22E-06	µCi/mL	TM	EPA906.0M

WELL LFW 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 15.31 ft (4.67 m) below TOC
Water elevation: 150.99 ft (46.02 m) msl
pH: 5
Sp. conductance: 37 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 50 gal

Time: 8:50
Water temperature: 20.4°C
Air temperature: 1.5°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	90.8	J	I		200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	18.8				10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<2.05	JU	I	4	10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.90	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 45D collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	56.1	J	I		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
1	Mercury, total recoverable	1.20	J	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichlorofluoromethane	26.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	2.36E-09±7.30E-10				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	-2.12E-06±6.40E-07	JU			1.26E-06	µCi/mL	TM	EPA906.0M

WELL LFW 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 13.46 ft (4.1 m) below TOC
Water elevation: 148.24 ft (45.18 m) msl
pH: 5.2
Sp. conductance: 58 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 50 gal

Time: 9:19
Water temperature: 19.8°C
Air temperature: 1.1°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	30.0				10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 47D collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.60	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<9.09	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
1	Gross alpha	9.55E-09±1.47E-09				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	-1.65E-06±7.00E-07	JU			1.32E-06	µCi/mL	TM	EPA906.0M

WELL LFW 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 13.56 ft (4.13 m) below TOC
Water elevation: 144.54 ft (44.06 m) msl
pH: 5
Sp. conductance: 23 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 40 gal

Time: 9:52
Water temperature: 19.3°C
Air temperature: 3.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	51.1	J	I		200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	10.4				10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 56D collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.00	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	70.6	J	I		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	2.86E-09±7.90E-10				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	-2.53E-06±6.70E-07	JU			1.33E-06	µCi/mL	TM	EPA906.0M

WELL LFW 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 26.69 ft (8.14 m) below TOC
Water elevation: 140.91 ft (42.95 m) msl
pH: 6
Sp. conductance: 228 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 90 gal

Time: 11:26
Water temperature: 22.1°C
Air temperature: 12.4°C
Total alkalinity (as CaCO3): 58 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B

Well LFW 58D collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	102	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	<3.80	U	V		1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	2.97	J	I		10.0	µg/L	EX	EPA6010B
1	Benzene	4.23	J	I		5.00	µg/L	WA	EPA8260B
1	Benzene	4.60	J	I		5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	8.43				5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	9.70				5.00	µg/L	EX	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	9.61	J	I		10.0	µg/L	WA	EPA8260B
2	Chloroethene (Vinyl chloride)	10.0				5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	1.60	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<3.75	JU	I	4	10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	1,4-Dichlorobenzene	53.8				5.00	µg/L	WA	EPA8260B
1	1,4-Dichlorobenzene	62.0				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	1.92	J	I		10.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	43.6				5.00	µg/L	WA	EPA8260B
2	1,1-Dichloroethane	46.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	1.72	J	I		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	18.0				5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.52	U	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<8.30	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 58D collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	21,300				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	25,700				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	6.30				5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<4.03	JU	I	4	20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	0.955	J	I		5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	1.30	J	I		5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Trichloroethylene	4.69	J	I		5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	6.30				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	5.87				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	9.70				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	3.01	J	I		5.00	µg/L	WA	EPA8260B
0	Xylenes	4.00	J	I		10.0	µg/L	EX	EPA8260B
0	Gross alpha	7.12E-09±1.47E-09	R			7.17E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	4.98E-09±9.71E-10	R			7.45E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	5.78E-09±1.58E-09	U		6	1.42E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	3.56E-09±1.33E-09	U		6	1.41E-09	µCi/mL	TM	EPA900.0M
0	Tritium	7.53E-06±5.97E-07	R			6.09E-07	µCi/mL	GP	EPIA-002
0	Tritium	8.34E-06±7.70E-07	J	L	C	6.50E-07	µCi/mL	TM	EPA906.0M
0	Tritium	7.79E-06±7.20E-07	J	L	C	6.20E-07	µCi/mL	TM	EPA906.0M

WELL LFW 58D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 26.69 ft (8.14 m) below TOC
Water elevation: 140.91 ft (42.95 m) msl
pH: 6
Sp. conductance: 228 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 90 gal

Time: 11:26
Water temperature: 22.1°C
Air temperature: 12.4°C
Total alkalinity (as CaCO3): 58 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B

Well LFW 58D collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	2.91	J	I		10.0	µg/L	EX	EPA6010B
1	Benzene	4.80	J	I		5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	10.0				5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	11.0				5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<3.26	JU	I	4	10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	1,4-Dichlorobenzene	62.0				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	4.60	J	I		5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	50.0				5.00	µg/L	EX	EPA8260B
1	1,2-Dichloroethane	2.80	J	I		5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	20.0				5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<11.0	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	26,900				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<6.82	JU	I	4	20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	1.40	J	I		5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	6.00				5.00	µg/L	EX	EPA8260B
1	Trichlorofluoromethane	10.0				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	4.00	J	I		10.0	µg/L	EX	EPA8260B
0	Gross alpha	6.73E-09±1.53E-09	U		6	2.50E-10	µCi/mL	TM	EPA900.0M

WELL LFW 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 25.95 ft (7.91 m) below TOC
Water elevation: 141.65 ft (43.18 m) msl
pH: 5.1
Sp. conductance: 46 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 32 gal

Time: 13:14
Water temperature: 22.9°C
Air temperature: 21.3°C
Total alkalinity (as CaCO3): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Aluminum, total recoverable	33.2	J	I		200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	7.78	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	1.90	J	IK	O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	53.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	25.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<12.0	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	97.3	J	I		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Tetrachloroethylene	9.20	J	K	O	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	7.70	J	K	O	5.00	µg/L	EX	EPA8260B

Well LFW 59D collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	12.0	J	K	O	5.00	µg/L	EX	EPA8260B
1	Trichlorofluoromethane	14.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	4.40	J	IK	O	10.0	µg/L	EX	EPA8260B
0	Gross alpha	2.54E-09±9.80E-10	J	I		1.09E-09	µCi/mL	TM	EPA900.0M
0	Tritium	3.50E-06±5.20E-07				5.50E-07	µCi/mL	TM	EPA906.0M

WELL LFW 60C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Depth to water: 20.02 ft (6.1 m) below TOC
Water elevation: 137.18 ft (41.81 m) msl
pH: 6.4
Sp. conductance: 424 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 50 gal

Time: 12:27
Water temperature: 18.6°C
Air temperature: 13.8°C
Total alkalinity (as CaCO3): 19 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	21.0				20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<500	U			500	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	15.6				10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	16.4				10.0	µg/L	EX	EPA6010B
0	Benzene	2.00	J	I		5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	8.30				5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	15.0				5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	29.0				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	4.60	J	I		5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	20.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	8.90				5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	96,700				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<1,500	U			1,500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<500	U			500	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	13.0				10.0	µg/L	EX	EPA8260B

Well LFW 60C collected on 11/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Methyl methacrylate	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<500	U			500	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<3.55	JU	I	4	20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	1.80	J	I		5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Trichloroethylene	2.50	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Xylenes	3.70	J	I		10.0	µg/L	EX	EPA8260B
0	Gross alpha	7.80E-10±9.20E-10	U			1.51E-09	µCi/mL	TM	EPA900.0M
0	Tritium	3.24E-06±5.00E-07				5.60E-07	µCi/mL	TM	EPA906.0M

WELL LFW 60C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 19.93 ft (6.07 m) below TOC
Water elevation: 137.27 ft (41.84 m) msl
pH: 6.6
Sp. conductance: 416 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 16 gal

Time: 14:52
Water temperature: 19.5°C
Air temperature: 19°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: 120 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	25.0	J	K	O	20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	17.2				10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	14.3				10.0	µg/L	EX	EPA6010B
0	Benzene	2.40	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	11.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	28.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	32.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	29.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	10.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.70	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 60C collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	1.50	J	IK	O	5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	86,800				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	5.83	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	7.63	J	I		10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<4.48	JU	I	4	20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	2.20	J	IK	O	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Trichloroethylene	2.60	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	3.60	J	IK	O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	3.60	J	IK	O	10.0	µg/L	EX	EPA8260B
0	Gross alpha	1.74E-09±1.21E-09	J	I		1.52E-09	µCi/mL	TM	EPA900.0M
0	Tritium	4.21E-06±5.60E-07				5.60E-07	µCi/mL	TM	EPA906.0M

WELL LFW 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 19.45 ft (5.93 m) below TOC
Water elevation: 137.65 ft (41.96 m) msl
pH: 5.2
Sp. conductance: 60 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 42 gal

Time: 14:26
Water temperature: 20.3°C
Air temperature: 20.4°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Aluminum, total recoverable	43.7	J	I		200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	19.8				10.0	µg/L	EX	EPA6010B
0	Benzene	1.50	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	7.00	J	K	O	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 60D collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	5.00	J	K	O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	48.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	2.20	J	IK	O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	24.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<8.20	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	72.7	J	I		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
1	Mercury, total recoverable	1.33				0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Tetrachloroethylene	2.90	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	7.70	J	K	O	5.00	µg/L	EX	EPA8260B
2	Trichlorofluoromethane	20.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	1.84E-09±8.00E-10	J	I		8.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	7.29E-06±6.90E-07				5.60E-07	µCi/mL	TM	EPA906.0M

WELL LFW 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 26.45 ft (8.06 m) below TOC
Water elevation: 141.85 ft (43.24 m) msl
pH: 6.5
Sp. conductance: 252 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 51 gal

Time: 13:54
Water temperature: 22.2°C
Air temperature: 20.8°C
Total alkalinity (as CaCO3): 116 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	48.0				20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	7.76	J	I		10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	4.27	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	1.60	J	I		5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 61D collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	3.10	J	I		5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Dichlorodifluoromethane	45.0				5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	45.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	2.00	J	I		5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.90	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	21.0				5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	60,500				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	76.0				20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Tetrachloroethylene	3.30	J	I		5.00	µg/L	EX	EPA8260B
0	Toluene	6.80				5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	8.90				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	8.40				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	64.0				10.0	µg/L	EX	EPA8260B
0	Gross alpha	2.70E-09±1.15E-09	J	I		1.23E-09	µCi/mL	TM	EPA900.0M
1	Tritium	1.09E-05±8.40E-07				5.80E-07	µCi/mL	TM	EPA906.0M

WELL LFW 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 23 ft (7.01 m) below TOC
Water elevation: 141.8 ft (43.22 m) msl
pH: 5.6
Sp. conductance: 224 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 24 gal

Time: 12:40
Water temperature: 23.2°C
Air temperature: 15.7°C
Total alkalinity (as CaCO3): 39 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B

Well LFW 62D collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	129	J	I		200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	5.64	J	I		10.0	µg/L	EX	EPA6010B
2	Benzene	21.0				5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	18.0				5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	17.0				5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<3.09	JU	I	4	10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
2	1,4-Dichlorobenzene	92.0				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Dichlorodifluoromethane	25.0				5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	77.0				5.00	µg/L	EX	EPA8260B
1	1,2-Dichloroethane	4.60	J	I		5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	cis-1,2-Dichloroethylene	36.0				5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<11.0	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	14,000				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	5.33	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	2.40	J	I		5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	12.0				5.00	µg/L	EX	EPA8260B
1	Trichlorofluoromethane	14.0				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	5.10	J	I		10.0	µg/L	EX	EPA8260B
0	Gross alpha	5.51E-09±1.55E-09				1.41E-09	µCi/mL	TM	EPA900.0M
1	Tritium	1.23E-05±9.10E-07	J	L	C	6.70E-07	µCi/mL	TM	EPA906.0M

WELL LFW 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 28.51 ft (8.69 m) below TOC
Water elevation: 139.29 ft (42.46 m) msl
pH: 4.3
Sp. conductance: 58 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 38 gal

Time: 15:48
Water temperature: 18.8°C
Air temperature: 14.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	540				200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	7.21	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.20	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<5.66	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 63B collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
1	Gross alpha	9.41E-09±1.55E-09				9.70E-10	µCi/mL	TM	EPA900.0M
0	Tritium	3.40E-07±3.90E-07	JU	L	C	6.50E-07	µCi/mL	TM	EPA906.0M

WELL LFW 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 28.8 ft (8.78 m) below TOC
Water elevation: 139.3 ft (42.46 m) msl
pH: 4.4
Sp. conductance: 33 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 15:41
Water temperature: 18.7°C
Air temperature: 14.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	109	J	I		200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	4.85	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.00	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B

Well LFW 63C collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	5.71E-09±1.23E-09				9.40E-10	µCi/mL	TM	EPA900.0M
0	Tritium	4.53E-06±6.20E-07	J	L	C	6.60E-07	µCi/mL	TM	EPA906.0M

WELL LFW 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 28.68 ft (8.74 m) below TOC
Water elevation: 139.62 ft (42.56 m) msl
pH: 5.5
Sp. conductance: 69 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 21 gal

Time: 16:00
Water temperature: 19.3°C
Air temperature: 13.7°C
Total alkalinity (as CaCO3): 13 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	5.46	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	6.20				5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	16.0				5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	15.0				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	1,1-Dichloroethane	10.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.00	U		V	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	4,200				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B

Well LFW 63D collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	5.10				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	2.40E-09±1.05E-09	J	I		1.26E-09	µCi/mL	TM	EPA900.0M
0	Tritium	1.74E-06±4.60E-07	J	L	C	6.30E-07	µCi/mL	TM	EPA906.0M

WELL LFW 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 12.82 ft (3.91 m) below TOC
Water elevation: 139.38 ft (42.48 m) msl
pH: 4.3
Sp. conductance: 74 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 30 gal

Time: 11:54
Water temperature: 18.2°C
Air temperature: 15.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	1,140				200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	7.65	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<4.40	U		V	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 64C collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<12.7	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
2	Gross alpha	1.74E-08±2.09E-09				1.22E-09	µCi/mL	TM	EPA900.0M
0	Tritium	3.30E-07±3.90E-07	JU	L	C	6.50E-07	µCi/mL	TM	EPA906.0M

WELL LFW 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 12.8 ft (3.9 m) below TOC
Water elevation: 139.4 ft (42.49 m) msl
pH: 5.8
Sp. conductance: 45 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 13 gal

Time: 15:29
Water temperature: 18.6°C
Air temperature: 19.8°C
Total alkalinity (as CaCO3): 10 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	8.23	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	2.00	J	I		5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	7.90				5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	5.40				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 64D collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	2.50	J	I		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	3.20	J	I		5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.40	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	41.7	J	I		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	1.71E-09±7.60E-10	J	I		8.30E-10	µCi/mL	TM	EPA900.0M
0	Tritium	9.78E-06±8.00E-07				5.80E-07	µCi/mL	TM	EPA906.0M

WELL LFW 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 10.98 ft (3.35 m) below TOC
Water elevation: 137.22 ft (41.83 m) msl
pH: 4.4
Sp. conductance: 48 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 40 gal

Time: 14:57
Water temperature: 18.9°C
Air temperature: 15°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	277				200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	8.67	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 65B collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.70	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<3.71	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	5.75E-09±1.35E-09				1.23E-09	µCi/mL	TM	EPA900.0M
0	Tritium	2.40E-07±3.70E-07	JU	L	C	6.30E-07	µCi/mL	TM	EPA906.0M

WELL LFW 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 11.04 ft (3.37 m) below TOC
Water elevation: 137.16 ft (41.81 m) msl
pH: 4.7
Sp. conductance: 30 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 28 gal

Time: 14:50
Water temperature: 18.8°C
Air temperature: 14.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	10.1				10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 65C collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<7.30	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	2.09E-09±9.60E-10	J	I		1.19E-09	µCi/mL	TM	EPA900.0M
0	Tritium	6.30E-07±4.10E-07	JU	L	C	6.50E-07	µCi/mL	TM	EPA906.0M

WELL LFW 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 11.25 ft (3.43 m) below TOC
Water elevation: 137.15 ft (41.8 m) msl
pH: 5.4
Sp. conductance: 31 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 17 gal

Time: 15:10
Water temperature: 18.7°C
Air temperature: 14.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

Well LFW 65D collected on 12/02/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	4.79	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Dichlorodifluoromethane	13.0				5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	24.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	10.0				5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<9.70	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<7.09	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.872	J	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Tetrachloroethylene	2.80	J	I		5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	7.10				5.00	µg/L	EX	EPA8260B
1	Trichlorofluoromethane	18.0				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	5.60E-10±7.80E-10	U			1.20E-09	µCi/mL	TM	EPA900.0M
0	Tritium	4.06E-06±5.90E-07	J	L	C	6.40E-07	µCi/mL	TM	EPA906.0M

WELL LFW 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 19.55 ft (5.96 m) below TOC
Water elevation: 138.15 ft (42.11 m) msl
pH: 4.5
Sp. conductance: 53 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 50 gal

Time: 12:26
Water temperature: 19.1°C
Air temperature: 15.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	372				200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	6.70	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<7.60	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 67B collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
1	Gross alpha	1.20E-08±1.77E-09				1.20E-09	µCi/mL	TM	EPA900.0M
0	Tritium	5.30E-07±4.00E-07	JU	L	C	6.40E-07	µCi/mL	TM	EPA906.0M

WELL LFW 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99
Depth to water: 18.11 ft (5.52 m) below TOC
Water elevation: 139.59 ft (42.55 m) msl
pH: 5.1
Sp. conductance: 53 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 21 gal

Time: 11:45
Water temperature: 18.7°C
Air temperature: 12.2°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Aluminum, total recoverable	40.6	J	I		200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	9.03	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	1.80	J	IK	O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Dichlorodifluoromethane	52.0	J	K	O	5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	69.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	1,1-Dichloroethylene	3.60	J	IK	O	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<7.90	U		V	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	1.90	J	IK	O	5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<21.5	U		V	200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B

Well LFW 67D collected on 12/08/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Tetrachloroethylene	3.40	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	5.00	J	IK	O	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	14.0	J	K	O	5.00	µg/L	EX	EPA8260B
1	Trichlorofluoromethane	19.0	J	K	O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	6.42E-09±1.32E-09				9.10E-10	µCi/mL	TM	EPA900.0M
0	Tritium	2.60E-06±5.30E-07				6.70E-07	µCi/mL	TM	EPA906.0M

WELL LFW 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 20.92 ft (6.38 m) below TOC
Water elevation: 140.48 ft (42.82 m) msl
pH: 4.8
Sp. conductance: 33 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 20 gal

Time: 10:49
Water temperature: 20.1°C
Air temperature: 13°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	88.9	J	I		200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	6.70	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<7.40	U		V	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	62.6	J	I		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B

Well LFW 68D collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	3.40E-09±8.70E-10				1.60E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	3.91E-09±9.30E-10				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	1.34E-06±4.20E-07	U	V		5.90E-07	µCi/mL	TM	EPA906.0M
0	Tritium	1.60E-06±4.30E-07	U	V		5.80E-07	µCi/mL	TM	EPA906.0M

WELL LFW 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Depth to water: 8.9 ft (2.71 m) below TOC
Water elevation: 137.1 ft (41.79 m) msl
pH: 4.2
Sp. conductance: 52 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 26 gal

Time: 11:17
Water temperature: 18.3°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	625				200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	6.63	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.40	U	V		10.0	µg/L	EX	EPA8260B

Well LFW 69C collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<6.84	U	V		200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
1	Gross alpha	1.42E-08±1.78E-09				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	8.70E-07±4.00E-07	U	V		6.10E-07	µCi/mL	TM	EPA906.0M

WELL LFW 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99
Depth to water: 8.82 ft (2.69 m) below TOC
Water elevation: 137.28 ft (41.84 m) msl
pH: 5.1
Sp. conductance: 42 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 12:19
Water temperature: 18.6°C
Air temperature: 13.5°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	6.97	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	4.40	J	I		5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 69D collected on 12/08/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,4-Dichlorobenzene	12.0				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	5.30				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	3.40	J	I		5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<11.0	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Iron, total recoverable	679				200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	2.51E-09±9.00E-10	J	I		8.90E-10	µCi/mL	TM	EPA900.0M
2	Tritium	1.12E-03±8.19E-06				7.40E-07	µCi/mL	TM	EPA906.0M
0	Tritium	3.35E-09±4.50E-10				4.70E-10	µCi/mL	TM	EPA906.0M
0	Tritium	3.92E-09±4.70E-10				4.80E-10	µCi/mL	TM	EPA906.0M

WELL LFW 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 10 ft (3.05 m) below TOC
Water elevation: 137 ft (41.76 m) msl
pH: 4.2
Sp. conductance: 46 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 53 gal

Time: 15:35
Water temperature: 18.8°C
Air temperature: 16°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	317				200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	4.55	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well LFW 71B collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<7.00	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
1	Gross alpha	9.18E-09±1.43E-09				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	1.99E-06±4.80E-07	U	V		6.20E-07	µCi/mL	TM	EPA906.0M

WELL LFW 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 10.3 ft (3.14 m) below TOC
Water elevation: 136.9 ft (41.73 m) msl
pH: 4.7
Sp. conductance: 34 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 16:05
Water temperature: 18.9°C
Air temperature: 15.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Aluminum, total recoverable	80.1	J	I		200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B

Well LFW 71C collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	8.43	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.70	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	6.74E-09±1.22E-09				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	1.12E-06±4.00E-07	U	V		5.70E-07	µCi/mL	TM	EPA906.0M

WELL LFW 71D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 11.12 ft (3.39 m) below TOC
Water elevation: 136.28 ft (41.54 m) msl
pH: 4.8
Sp. conductance: 22 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 17 gal

Time: 16:21
Water temperature: 18.9°C
Air temperature: 15.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

Well LFW 71D collected on 12/02/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	4.85	J	I		10.0	µg/L	EX	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<7.00	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<4.70	JU	I	4	20.0	µg/L	EX	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Gross alpha	2.18E-09±6.90E-10				1.60E-10	µCi/mL	TM	EPA900.0M
0	Tritium	8.16E-06±7.30E-07				5.80E-07	µCi/mL	TM	EPA906.0M

WELL LRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 45.45 ft (13.85 m) below TOC
Water elevation: 207.45 ft (63.23 m) msl
pH: 4.9
Sp. conductance: 24 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 88 gal

Time: 11:55
Water temperature: 19.8°C
Air temperature: 23.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	63.1	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	85.7				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.460	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	37.4	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL LRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 48.6 ft (14.81 m) below TOC
Water elevation: 208.1 ft (63.43 m) msl
pH: 5
Sp. conductance: 22 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 58 gal

Time: 11:32
Water temperature: 19.2°C
Air temperature: 21.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	23.6	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	79.2				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	18.2	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.600	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	13.9	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL LRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 50.92 ft (15.52 m) below TOC
Water elevation: 207.28 ft (63.18 m) msl
pH: 4.8
Sp. conductance: 21 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 146 gal

Time: 10:51
Water temperature: 18.9°C
Air temperature: 19.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,330				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	343				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	2,460				74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.590	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	22.7	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL LRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 43 ft (13.11 m) below TOC
Water elevation: 212.6 ft (64.8 m) msl
pH: 5.2
Sp. conductance: 32 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 79 gal

Time: 10:03
Water temperature: 19.7°C
Air temperature: 18.4°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	39.1	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	96.7				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.750	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	16.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL LSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 23.45 ft (7.15 m) below TOC
Water elevation: 209.25 ft (63.78 m) msl
pH: 5.1
Sp. conductance: 18 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 41 gal

Time: 14:12
Water temperature: 21.3°C
Air temperature: 28.9°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	59.7	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chromium, total recoverable	<1.10	JU	I	4	7.00	µg/L	WA	EPA6010B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	607				74.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	15.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL LSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 20.95 ft (6.39 m) below TOC
Water elevation: 215.45 ft (65.67 m) msl
pH: 4.8
Sp. conductance: 19 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 48 gal

Time: 14:40
Water temperature: 21.9°C
Air temperature: 29.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	57.4	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chromium, total recoverable	<1.10	JU	I	4	7.00	µg/L	WA	EPA6010B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
1	Iron, total recoverable	178				74.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL LSB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99
Depth to water: 15.92 ft (4.85 m) below TOC
Water elevation: 215.58 ft (65.71 m) msl
pH: 4.3
Sp. conductance: 28 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 42 gal

Time: 13:48
Water temperature: 22.1°C
Air temperature: 26.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	655				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	557				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chromium, total recoverable	2.50	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	2.00	J	I		7.00	µg/L	WA	EPA6010B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	520				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	487				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	4.00	J	I		7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.810	U	V		5.00	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: Not available
Water elevation: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: Not available
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,080				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.654	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.40	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	7.50				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.0980	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.380	J	I		1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.70	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	0.498	J	I		1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	150				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	1,300	J	K	C	25.0	µg/L	GE	EPA6020
2	Lead, total recoverable	212				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	39.4				2.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	5.12				5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<8.32	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	511				10.0	µg/L	GE	EPA6020

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Depth to water: Not available
Water elevation: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: Not available
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	37.4				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.987	JU	I	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.35	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	6.71				2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.104	U	V		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.36	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	44.2				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	795	J	K	C	25.0	µg/L	GE	EPA6020
1	Lead, total recoverable	49.7				2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	2.41				2.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<6.71	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	83.6				10.0	µg/L	GE	EPA6020

WELL MSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/99
Depth to water: 89.45 ft (27.26 m) below TOC
Water elevation: Not available
pH: 6.1
Sp. conductance: 33 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 27 gal

Time: 13:26
Water temperature: 18°C
Air temperature: 11.4°C
Total alkalinity (as CaCO3): 13 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL MSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/99
Depth to water: 111.2 ft (33.89 m) below TOC
Water elevation: Not available
pH: 6.3
Sp. conductance: 40 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 42 gal

Time: 14:38
Water temperature: 17.3°C
Air temperature: 10.9°C
Total alkalinity (as CaCO3): 15 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL NBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 96.75 ft (29.49 m) below TOC
Water elevation: 215.65 ft (65.73 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 9 gal

Time: 9:25
Water temperature: Not available
Air temperature: 5.1°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Trichloroethylene	7.90	J	Q		2.00	µg/L	EM	EPA8260B

WELL NBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 96.75 ft (29.49 m) below TOC
Water elevation: 215.65 ft (65.73 m) msl
pH: 6.7
Sp. conductance: 131 µS/cm
Turbidity: 13 NTU

Time: 9:50
Water temperature: 22.6°C
Air temperature: 8.2°C
Total alkalinity (as CaCO3): 42 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	553				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	474				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	30.1				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	30.1				1.80	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
2	Iron, total recoverable	603				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	581				74.0	µg/L	WA	EPA6010B
2	Lead, total recoverable	50.1				47.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	49.3				47.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	14.0				7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	14.2				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,080				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,090				285	µg/L	WA	EPA6010B
0	Sulfate	561				340	µg/L	WA	EPA9056
0	Total phosphates (as P)	99.8				67.0	µg/L	WA	EPA365.2

WELL NBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 91.2 ft (27.8 m) below TOC
Water elevation: 215.3 ft (65.62 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 11 gal

Time: 10:10
Water temperature: Not available
Air temperature: 10.8°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
1	Trichloroethylene	3.50	J	Q		2.00	µg/L	EM	EPA8260B

WELL NBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 91.2 ft (27.8 m) below TOC
Water elevation: 215.3 ft (65.62 m) msl
pH: 5.6
Sp. conductance: 28 µS/cm
Turbidity: 7 NTU

Time: 10:35
Water temperature: 19.9°C
Air temperature: 12.5°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	148				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	9.80				1.80	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B

Well NBG 4 collected on 10/25/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Iron, total recoverable	306				74.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	43.2	J	I		47.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,780				285	µg/L	WA	EPA6010B
0	Sulfate	380				340	µg/L	WA	EPA9056
0	Total phosphates (as P)	67.4				67.0	µg/L	WA	EPA365.2

WELL NBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 87.46 ft (26.66 m) below TOC
Water elevation: 216.04 ft (65.85 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 18 gal

Time: 10:22
Water temperature: Not available
Air temperature: 11.9°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL NBG 5 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 87.46 ft (26.66 m) below TOC
Water elevation: 216.04 ft (65.85 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 18 gal

Time: 10:22
Water temperature: Not available
Air temperature: 11.9°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL NBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 87.46 ft (26.66 m) below TOC
Water elevation: 216.04 ft (65.85 m) msl
pH: 5.3
Sp. conductance: 32 µS/cm
Turbidity: 11 NTU

Time: 10:45
Water temperature: 20.6°C
Air temperature: 13.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	385				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B

Well NBG 5 collected on 10/25/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	12.0				1.80	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
2	Iron, total recoverable	922				74.0	µg/L	WA	EPA6010B
2	Lead, total recoverable	69.1				47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,230				285	µg/L	WA	EPA6010B
0	Sulfate	356				340	µg/L	WA	EPA9056
0	Total phosphates (as P)	45.3	J	I		67.0	µg/L	WA	EPA365.2

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 38.79 ft (11.82 m) below TOC
Water elevation: 115.21 ft (35.12 m) msl
pH: 5.2
Sp. conductance: 37 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 181 gal

Time: 15:23
Water temperature: 19.1°C
Air temperature: 15.1°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	20.1				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	<100	JU	Q		100	µg/L	EX	EPA300.0
0	Nitrate as nitrogen	<100	JU	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	9.20E-10±6.20E-10	J	I		8.70E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	2.20E-10±5.30E-10	U			9.80E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.56E-09±9.50E-10	J	I		1.51E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.62E-09±1.03E-09				1.41E-09	µCi/mL	TM	EPA900.0M

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 48.38 ft (14.75 m) below TOC
Water elevation: 105.72 ft (32.22 m) msl
pH: 6.2
Sp. conductance: 61 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 159 gal

Time: 15:33
Water temperature: 18.7°C
Air temperature: 14.9°C
Total alkalinity (as CaCO3): 23 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	4.35	J	I		10.0	µg/L	EX	EPA6010B
1	Manganese, total recoverable	38.1				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	525	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	530				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	2.38E-09±8.20E-10	J	I		8.80E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.55E-09±8.80E-10	J	I		1.27E-09	µCi/mL	TM	EPA900.0M

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 38.96 ft (11.88 m) below TOC
Water elevation: 114.94 ft (35.03 m) msl
pH: 5.9
Sp. conductance: 43 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 50 gal

Time: 13:52
Water temperature: 19.4°C
Air temperature: 24.8°C
Total alkalinity (as CaCO3): 15 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B

Well P 26D collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	0.660	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	598	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate as nitrogen	597	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	598				100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	597				100	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Actinium-228	5.23E-09±7.35E-09	U			1.45E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	1.18E-08±1.14E-08	R		4	1.06E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	1.54E-08±1.46E-08	U			2.61E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.10E-11±2.17E-09	U			3.34E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-3.56E-10±2.05E-09	U			3.57E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-5.59E-10±1.76E-09	U			3.01E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.19E-09±2.27E-09	U			3.82E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			1.51E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.11E-11±2.23E-11	U			2.44E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.62E-11±9.27E-11	U			1.39E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.36E-11±5.73E-09	U			1.03E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-5.11E-09±6.43E-09	U			1.03E-08	µCi/mL	GP	EPIA-013
0	Europium-155	3.56E-09±7.70E-09	U			1.37E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.59E-10±3.09E-10	U			5.84E-10	µCi/mL	GP	EPIA-001
0	Lead-212	4.67E-09±6.28E-09	U			7.69E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-8.30E-10±1.94E-09	U			3.43E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.21E-09±6.27E-10	U			1.21E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	7.66E-09±2.55E-08	U			4.77E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-3.32E-10±2.02E-09	U			3.48E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	5.82E-10±2.72E-09	U			4.91E-09	µCi/mL	GP	EPIA-013
0	Radium-226	2.63E-10±5.15E-10	U			9.45E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.39E-10±3.60E-10	U			7.93E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	2.82E-09±1.59E-08	U			2.91E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.82E-09±2.30E-09	U			3.70E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	2.14E-10±6.10E-10	U			1.36E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-1.48E-09±9.26E-09	U			1.93E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	7.45E-11±2.04E-10	U			4.71E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.70E-11±6.89E-11	U			2.03E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-7.83E-12±1.57E-11	U			1.72E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.62E-06±4.36E-07				6.38E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	7.16E-12±5.54E-11	U			1.78E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.03E-12±5.69E-11	U			1.94E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-1.84E-11±2.14E-11	U			1.78E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.76E-09±2.45E-09	U			5.20E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	4.11E-09±4.70E-09	U			8.69E-09	µCi/mL	GP	EPIA-013

WELL P 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 100.82 ft (30.73 m) below TOC
Water elevation: 167.88 ft (51.17 m) msl
pH: 5.5
Sp. conductance: 29 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 23 gal

Time: 10:16
Water temperature: 19.8°C
Air temperature: 8.3°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	43.2	J	I		146	µg/L	WA	EPA6010B

Well P 29D collected on 10/25/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Iron, total recoverable	403				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B

WELL PCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 35.39 ft (10.79 m) below TOC
Water elevation: 270.11 ft (82.33 m) msl
pH: 5.3
Sp. conductance: 93 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 19 gal

Time: 13:14
Water temperature: 21°C
Air temperature: 22.8°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	335				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
2	Iron, total recoverable	7,100				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	213				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
1	Total organic halogens	53.6	J	I		120	µg/L	WA	EPA9020B

WELL PCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 38.76 ft (11.81 m) below TOC
Water elevation: 266.14 ft (81.12 m) msl
pH: 4.3
Sp. conductance: 280 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 20 gal

Time: 14:19
Water temperature: 20.2°C
Air temperature: 17.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	14,100				146	µg/L	WA	EPA6010B
1	Arsenic, total recoverable	28.0	J	I		40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	1.30	J	I		4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	58.0	J	I		74.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	29.4	J	I		47.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	1,830				7.80	µg/L	WA	EPA6010B
0	Sulfate	175,000				1,700	µg/L	WA	EPA9056
0	Total organic halogens	42.4	J	I		120	µg/L	WA	EPA9020B

WELL PCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 33.1 ft (10.09 m) below TOC
Water elevation: 271.5 ft (82.75 m) msl
pH: 5.3
Sp. conductance: 169 µS/cm
Turbidity: 14 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 10:50
Water temperature: 26.1°C
Air temperature: 12.7°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	615				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	3,780				74.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	66.0				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B

WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 32.49 ft (9.9 m) below TOC
Water elevation: 277.11 ft (84.46 m) msl
pH: 4.4
Sp. conductance: 38 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 30 gal

Time: 11:57
Water temperature: 21.8°C
Air temperature: 17.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	288				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	50.1	J	I		74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	22.7				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B

WELL PDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 42.6 ft (12.98 m) below TOC
Water elevation: 276.9 ft (84.4 m) msl
pH: 5.4
Sp. conductance: 84 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 54 gal

Time: 11:10
Water temperature: 19.9°C
Air temperature: 15.5°C
Total alkalinity (as CaCO3): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	128	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	QQ		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	QQ		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	34.3	J	I		74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.440	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	QQ		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	18.5	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL PDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 42.57 ft (12.98 m) below TOC
Water elevation: 276.93 ft (84.41 m) msl
pH: 5
Sp. conductance: 59 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 42 gal

Time: 10:06
Water temperature: 22.1°C
Air temperature: 12.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	84.5	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	QQ		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

Well PDB 3 collected on 10/25/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	33.0	J	I		74.0	µg/L	WA	EPA6010B
2	Lead, total recoverable	123				47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.570	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	QQ		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	31.1	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL PDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 41.95 ft (12.79 m) below TOC
Water elevation: 276.85 ft (84.38 m) msl
pH: 4.4
Sp. conductance: 40 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 24 gal

Time: 10:35
Water temperature: 19.6°C
Air temperature: 13°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	168				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	173				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	14.8	J		X	1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	18.3	J		X	1.80	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	191	J	I		471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	196	J	I		471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloride	2,380				210	µg/L	WA	EPA9056
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chromium, total recoverable	<0.950	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Fluoride	<20.4	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	115				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	112				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.780	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.760	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	971				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	1,010				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	2,740				100	µg/L	WA	EPA353.2
0	Potassium, total recoverable	57.7	J	I		187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	67.3	J	I		187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	5,900				1,350	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,120				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,940				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	3,040				285	µg/L	WA	EPA6010B
0	Sulfate	255				340	µg/L	WA	EPA9056
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	QQ		2.00	µg/L	EM	EPA8260B
0	Total dissolved solids	<50,000	JU			50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,540				1,000	µg/L	WA	EPA9060
0	Total organic halogens	19.7	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
0	1,1,1-Trichloroethane	<2.00	JU	QQ		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Gross alpha	1.14E-09±6.60E-10	J	I		8.30E-10	µCi/mL	TM	EPA900.0M

Well PDB 4 collected on 10/25/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	5.20E-10±5.80E-10	U			9.10E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.60E-09±8.60E-10	J	I		1.34E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.40E-10±8.20E-10	U			1.41E-09	µCi/mL	TM	EPA900.0M

WELL PDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 43.8 ft (13.35 m) below TOC
Water elevation: 275.1 ft (83.85 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 3 gal

Time: 11:24
Water temperature: Not available
Air temperature: 16.1°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL PDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 43.8 ft (13.35 m) below TOC
Water elevation: 275.1 ft (83.85 m) msl
pH: 4.3
Sp. conductance: 57 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 13:30
Water temperature: 22°C
Air temperature: 18.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	813				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	15.3				1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	1,230				471	µg/L	WA	EPA6010B
0	Chloride	3,770				210	µg/L	WA	EPA9056
0	Chromium, total recoverable	<0.730	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Fluoride	<58.1	U	V		40.0	µg/L	WA	EPA340.2
1	Iron, total recoverable	228				74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	4.50				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	2,000				74.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	3,480				100	µg/L	WA	EPA353.2
0	Potassium, total recoverable	2,690				187	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silica, total recoverable	6,970				1,350	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,440				285	µg/L	WA	EPA6010B
0	Sulfate	3,800				340	µg/L	WA	EPA9056
0	Total dissolved solids	15,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	9,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<942	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	17.4	J	I		120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	23.1	J	I		67.0	µg/L	WA	EPA365.2
0	Gross alpha	3.67E-09±1.00E-09				5.00E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	5.33E-09±1.08E-09				1.34E-09	µCi/mL	TM	EPA900.0M

WELL PRP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 37.1 ft (11.31 m) below TOC
Water elevation: 247.5 ft (75.44 m) msl
pH: 4.9
Sp. conductance: 28 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 52 gal

Time: 13:47
Water temperature: 20.3°C
Air temperature: 21.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	103	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	107				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	9.60	J	I		47.0	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<17.5	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL PRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 26.38 ft (8.04 m) below TOC
Water elevation: 254.32 ft (77.52 m) msl
pH: 5
Sp. conductance: 51 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 39 gal

Time: 12:13
Water temperature: 24.4°C
Air temperature: 19.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	89.8	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chromium, total recoverable	1.30	J	I		7.00	µg/L	WA	EPA6010B
2	1,1-Dichloroethylene	29.8	J	Q		2.00	µg/L	EM	EPA8260B
1	Iron, total recoverable	206				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
1	Manganese, total recoverable	44.4				7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
1	Tetrachloroethylene	4.23	J	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
1	Total organic halogens	96.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	29.8	J	Q		2.00	µg/L	EM	EPA8260B
2	Trichloroethylene	12.6	J	Q		2.00	µg/L	EM	EPA8260B

WELL PRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 29.63 ft (9.03 m) below TOC
Water elevation: 255.07 ft (77.75 m) msl
pH: 5
Sp. conductance: 29 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 47 gal

Time: 11:10
Water temperature: 20.1°C
Air temperature: 20.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	14.1	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<17.3	U	V		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL RAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/99
Depth to water: 29.81 ft (9.09 m) below TOC
Water elevation: 253.79 ft (77.36 m) msl
pH: 4.5
Sp. conductance: 67 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 97 gal

Time: 10:51
Water temperature: 20.3°C
Air temperature: 11.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	144				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	28.4				15.0	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	4,910				120	µg/L	ML	EPA6010B
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Heptachlor	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Iron, total recoverable	<43.2	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,720				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	19.8				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Potassium, total recoverable	670	J	I		1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	1,340				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<6.29	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	10.9	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	2.49E-09±1.92E-09	U			6.93E-09	µCi/mL	ML	EPIA-001B
0	Nonvolatile beta	3.81E-09±2.17E-09	U			7.37E-09	µCi/mL	ML	EPIA-001B
0	Tritium	4.15E-07±5.10E-07	U			8.58E-07	µCi/mL	ML	EPIA-002

WELL RAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99
Depth to water: 11.2 ft (3.41 m) below TOC
Water elevation: 269.2 ft (82.05 m) msl
pH: 5
Sp. conductance: 46 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 72 gal

Time: 10:05
Water temperature: 18.7°C
Air temperature: 7.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	155				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	22.6				15.0	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2,060				120	µg/L	ML	EPA6010B
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	19.1	J	I		60.0	µg/L	ML	EPA6010B
0	Heptachlor	<0.0500	U			0.0500	µg/L	ML	EPA8081A
0	Iron, total recoverable	<33.2	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,660				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	15.6			6	10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Potassium, total recoverable	548	J	I		1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	1,200				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<11.0	U		6	20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	<11.7	U		6	30.0	µg/L	ML	EPA6010B
0	Gross alpha	1.09E-09±1.63E-09	U			6.84E-09	µCi/mL	ML	EPIA-001B
0	Nonvolatile beta	2.39E-09±2.01E-09	U			7.41E-09	µCi/mL	ML	EPIA-001B
0	Tritium	4.53E-07±5.13E-07	U			8.58E-07	µCi/mL	ML	EPIA-002

WELL RAC 2 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99
Depth to water: 11.2 ft (3.41 m) below TOC
Water elevation: 269.2 ft (82.05 m) msl
pH: 5
Sp. conductance: 46 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 72 gal

Time: 10:05
Water temperature: 18.7°C
Air temperature: 7.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	163				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	23.3				15.0	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2,110				120	µg/L	ML	EPA6010B
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	19.9	J	I		60.0	µg/L	ML	EPA6010B
0	Heptachlor	<0.0500	U			0.0500	µg/L	ML	EPA8081A
0	Iron, total recoverable	<33.2	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,690				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	15.9			6	10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Potassium, total recoverable	587	J	I		1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	1,240				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<8.87	U		6	20.0	µg/L	ML	EPA6010B

Well RAC 2 collected on 12/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	<9.27	U		6	30.0	µg/L	ML	EPA6010B
0	Gross alpha	-3.10E-10±1.41E-09	U			7.37E-09	µCi/mL	ML	EPIA-001B
0	Nonvolatile beta	1.54E-09±2.02E-09	U			7.92E-09	µCi/mL	ML	EPIA-001B
0	Tritium	5.12E-07±5.19E-07	U			8.62E-07	µCi/mL	ML	EPIA-002

WELL RAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/99
Depth to water: 13.91 ft (4.24 m) below TOC
Water elevation: 265.39 ft (80.89 m) msl
pH: 5
Sp. conductance: 80 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 47 gal

Time: 9:31
Water temperature: 21.5°C
Air temperature: 10.7°C
Total alkalinity (as CaCO3): 10 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	125				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	40.5				15.0	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,600				120	µg/L	ML	EPA6010B
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Heptachlor	<0.0505	U			0.0505	µg/L	ML	EPA8081A
0	Iron, total recoverable	<43.7	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,450				185	µg/L	ML	EPA6010B
1	Manganese, total recoverable	31.1				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Potassium, total recoverable	842	J	I		1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	11,200				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	13.7	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	-3.10E-10±1.41E-09	U			7.38E-09	µCi/mL	ML	EPIA-001B
0	Nonvolatile beta	-4.00E-11±1.75E-09	U			7.70E-09	µCi/mL	ML	EPIA-001B
0	Tritium	3.20E-07±5.02E-07	U			8.56E-07	µCi/mL	ML	EPIA-002

WELL RAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99
Depth to water: 33.78 ft (10.3 m) below TOC
Water elevation: 245.22 ft (74.74 m) msl
pH: 5
Sp. conductance: 40 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 31 gal

Time: 11:06
Water temperature: 18.7°C
Air temperature: 12.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	86.9				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	27.8				15.0	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B

Well RAC 4 collected on 12/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,420				120	µg/L	ML	EPA6010B
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Heptachlor	<0.0510	U			0.0510	µg/L	ML	EPA8081A
0	Iron, total recoverable	<36.0	U	V		40.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,470				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	20.6				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Potassium, total recoverable	389	J	I		1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	1,640				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<14.8	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	9.99	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	-1.70E-09±8.90E-10	U			6.99E-09	µCi/mL	ML	EPIA-001B
0	Nonvolatile beta	1.00E-09±1.85E-09	U			7.51E-09	µCi/mL	ML	EPIA-001B
0	Tritium	2.06E-07±4.91E-07	U			8.51E-07	µCi/mL	ML	EPIA-002

WELL RDB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 6.6 ft (2.01 m) below TOC
Water elevation: 285.8 ft (87.11 m) msl
pH: 6.1
Sp. conductance: 93 µS/cm
Turbidity: 14 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 8:30
Water temperature: 21.7°C
Air temperature: 5°C
Total alkalinity (as CaCO3): 38 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	333				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	364				146	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chromium, total recoverable	21.7				7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	25.1				7.00	µg/L	WA	EPA6010B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	1,580				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	1,830				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	7.50	J	I		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.390	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.370	J	I		2.70	µg/L	WA	EPA6010B
0	Manganese, total recoverable	4.90	J	I		7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	5.20	J	I		7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total dissolved solids	52,000				50,000	µg/L	WA	EPA160.1
0	Total organic halogens	15.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Nonvolatile beta	4.25E-09±9.90E-10				1.29E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	4.39E-09±1.02E-09				1.36E-09	µCi/mL	TM	EPA900.0M
0	Tritium	6.70E-07±3.60E-07	J	I		5.60E-07	µCi/mL	TM	EPA906.0M
0	Tritium	7.00E-07±3.50E-07	J	I		5.50E-07	µCi/mL	TM	EPA906.0M

WELL RDB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 7.75 ft (2.36 m) below TOC
Water elevation: 284.85 ft (86.82 m) msl
pH: 6.6
Sp. conductance: 175 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 10:55
Water temperature: 27.8°C
Air temperature: 21.7°C
Total alkalinity (as CaCO3): 69 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	304				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	7.60	J	I		40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	824				74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Manganese, total recoverable	10.5				7.80	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	20.5	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL RDB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 10.29 ft (3.14 m) below TOC
Water elevation: 282.41 ft (86.08 m) msl
pH: 6.7
Sp. conductance: 135 µS/cm
Turbidity: 33 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 12:20
Water temperature: 23.6°C
Air temperature: 23.4°C
Total alkalinity (as CaCO3): 26 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SXN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,820				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	4.50	J	I		40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	21,400				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.580	J	I		2.70	µg/L	WA	EPA6010B
2	Manganese, total recoverable	302				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	25.7	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL RRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 11.04 ft (3.37 m) below TOC
Water elevation: 273.36 ft (83.32 m) msl
pH: 4.8
Sp. conductance: 23 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 107 gal

Time: 13:41
Water temperature: 20.5°C
Air temperature: 25.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	78.6	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	471				74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.520	J	I		2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Gross alpha	1.48E-06±7.00E-07	J	I		7.90E-07	µCi/mL	TM	EPA900.0M
2	Gross alpha	1.38E-06±6.40E-07	J	I		7.00E-07	µCi/mL	TM	EPA900.0M
2	Nonvolatile beta	1.92E-06±8.50E-07	J	I		1.29E-06	µCi/mL	TM	EPA900.0M
2	Nonvolatile beta	1.56E-06±8.10E-07	J	I		1.26E-06	µCi/mL	TM	EPA900.0M
0	Tritium	1.38E-06±4.10E-07				5.60E-07	µCi/mL	TM	EPA906.0M
0	Tritium	1.36E-06±4.00E-07				5.60E-07	µCi/mL	TM	EPA906.0M

WELL RRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/99
Depth to water: 14.6 ft (4.45 m) below TOC
Water elevation: 269.9 ft (82.27 m) msl
pH: 4.7
Sp. conductance: 34 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 59 gal

Time: 12:55
Water temperature: 20.5°C
Air temperature: 16.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.07E-09±1.59E-09	U			6.67E-09	µCi/mL	ML	EPIA-001B
0	Gross alpha	1.07E-09±1.59E-09	U			6.67E-09	µCi/mL	ML	EPIA-001B
0	Nonvolatile beta	-5.50E-10±1.57E-09	U			7.21E-09	µCi/mL	ML	EPIA-001B
0	Nonvolatile beta	-5.50E-10±1.57E-09	U			7.21E-09	µCi/mL	ML	EPIA-001B

WELL RRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99
Depth to water: 9.93 ft (3.03 m) below TOC
Water elevation: 270.17 ft (82.35 m) msl
pH: 5.1
Sp. conductance: 13 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 140 gal

Time: 12:42
Water temperature: 20.1°C
Air temperature: 16.3°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	63.6	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B

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Well RSE 7 collected on 11/04/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total organic carbon	3,260				1,000	µg/L	WA	EPA9060
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: Not available
Water elevation: Not available
pH: 4.6
Sp. conductance: 61 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 10:10
Water temperature: 16.2°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<2,000	JU	Q	X	2,000	µg/L	ML	EPA8260B
0	Benzene	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Benzene	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Benzene	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Bromodichloromethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Bromodichloromethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Bromoform	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Bromoform	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Bromoform	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Bromomethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Bromomethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Bromomethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Carbon disulfide	<1,000	JU	Q	X	1,000	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Chlorobenzene	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Chlorobenzene	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Chlorobenzene	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Chloroethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Chloroethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Chloroethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	2-Chloroethyl vinyl ether	<1,000	U			1,000	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Chloroform	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Chloroform	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Chloroform	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Chloromethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Chloromethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Chloromethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Dibromochloromethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Dibromochloromethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1,000	U			1,000	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<2,500	U			2,500	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<1,000	U			1,000	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<2,500	U			2,500	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<1,000	U			1,000	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Dichloromethane	<2,000	U			2,000	µg/L	EX	EPA8260B
0	Dichloromethane	<5,000	U			5,000	µg/L	EX	EPA8260B
0	Dichloromethane	<2,000	JU	Q	X	2,000	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<200	JU	Q	X	200	µg/L	ML	EPA8260B

Well RWM 1 collected on 10/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<1,000	U			1,000	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<2,500	U			2,500	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1,000	U			1,000	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<2,500	U			2,500	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Ethylbenzene	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Ethylbenzene	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Ethylbenzene	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	2-Hexanone	<1,000	JU	Q	X	1,000	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<1,000	JU	Q	X	1,000	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<1,000	JU	Q	X	1,000	µg/L	ML	EPA8260B
0	Styrene	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
2	Tetrachloroethylene	15,000				1,000	µg/L	EX	EPA8260B
2	Tetrachloroethylene	14,000				2,500	µg/L	EX	EPA8260B
2	Tetrachloroethylene	11,300	J	Q	X	200	µg/L	ML	EPA8260B
0	Toluene	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Toluene	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Toluene	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
2	Trichloroethylene	20,000				1,000	µg/L	EX	EPA8260B
2	Trichloroethylene	19,000				2,500	µg/L	EX	EPA8260B
2	Trichloroethylene	15,900	J	Q	X	200	µg/L	ML	EPA8260B
0	Trichlorofluoromethane	<1,000	U			1,000	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<2,500	U			2,500	µg/L	EX	EPA8260B
0	Vinyl acetate	<1,000	JU	Q	X	1,000	µg/L	ML	EPA8260B
0	Xylenes	<200	JU	Q	X	200	µg/L	ML	EPA8260B

WELL RWM 1 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: Not available
Water elevation: Not available
pH: 4.6
Sp. conductance: 61 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 10:10
Water temperature: 16.2°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<1,000	JU	Q		1,000	µg/L	ML	EPA8260B
0	Benzene	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Bromodichloromethane	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Bromoform	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Bromomethane	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Carbon disulfide	<500	JU	Q		500	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Chlorobenzene	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Chloroethane	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Chloroform	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Chloromethane	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Dibromochloromethane	<100	JU	Q		100	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<100	JU	Q		100	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<100	JU	Q		100	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<100	JU	Q		100	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Dichloromethane	<1,000	JU	Q		1,000	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<100	JU	Q		100	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<100	JU	Q		100	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Ethylbenzene	<100	JU	Q		100	µg/L	ML	EPA8260B
0	2-Hexanone	<500	JU	Q		500	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<500	JU	Q		500	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<500	JU	Q		500	µg/L	ML	EPA8260B
0	Styrene	<100	JU	Q		100	µg/L	ML	EPA8260B

Well RWM 1 collected on 10/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<100	JU	Q		100	µg/L	ML	EPA8260B
2	Tetrachloroethylene	18,000	J	Q		100	µg/L	ML	EPA8260B
0	Toluene	<100	JU	Q		100	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<100	JU	Q		100	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<100	JU	Q		100	µg/L	ML	EPA8260B
2	Trichloroethylene	28,000	J	Q		100	µg/L	ML	EPA8260B
0	Vinyl acetate	<500	JU	Q		500	µg/L	ML	EPA8260B
0	Xylenes	<100	JU	Q		100	µg/L	ML	EPA8260B

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: Not available
Water elevation: Not available
pH: 4.2
Sp. conductance: 63 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 8:30
Water temperature: 11.7°C
Air temperature: 4.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Bromodichloromethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Bromoform	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Bromomethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Chlorobenzene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Chloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<1,000	JU	LQ	O	1,000	µg/L	GE	EPA8260B
0	Chloroform	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Chloromethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Dibromochloromethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
2	Dichloromethane	400	J	ILQ	O	1,000	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Ethylbenzene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
2	Tetrachloroethylene	10,900	J	LQ	O	200	µg/L	GE	EPA8260B
0	Toluene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
2	Trichloroethylene	16,600	J	LQ	O	200	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1,000	JU	LQ	O	1,000	µg/L	GE	EPA8260B

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: Not available
Water elevation: Not available
pH: 5
Sp. conductance: 62 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 10:09
Water temperature: 18.4°C
Air temperature: 18.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<1,000	U			1,000	µg/L	ML	EPA8260B
0	Benzene	<100	U			100	µg/L	ML	EPA8260B
0	Bromodichloromethane	<100	U			100	µg/L	ML	EPA8260B
0	Bromoform	<100	U			100	µg/L	ML	EPA8260B
0	Bromomethane	<100	U			100	µg/L	ML	EPA8260B
0	Carbon disulfide	<500	U			500	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<100	U			100	µg/L	ML	EPA8260B
0	Chlorobenzene	<100	U			100	µg/L	ML	EPA8260B

Well RWM 1 collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethane	<100	U			100	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<100	U			100	µg/L	ML	EPA8260B
0	Chloroform	<100	U			100	µg/L	ML	EPA8260B
0	Chloromethane	<100	U			100	µg/L	ML	EPA8260B
0	Dibromochloromethane	<100	U			100	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<100	U			100	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<100	U			100	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<100	U			100	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<100	U			100	µg/L	ML	EPA8260B
0	Dichloromethane	<1,000	U			1,000	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<100	U			100	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<100	U			100	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<100	U			100	µg/L	ML	EPA8260B
0	Ethylbenzene	<100	U			100	µg/L	ML	EPA8260B
0	2-Hexanone	<500	U			500	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<500	U			500	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<500	U			500	µg/L	ML	EPA8260B
0	Styrene	<100	U			100	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<100	U			100	µg/L	ML	EPA8260B
2	Tetrachloroethylene	20,500				100	µg/L	ML	EPA8260B
0	Toluene	<100	U			100	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<100	U			100	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<100	U			100	µg/L	ML	EPA8260B
2	Trichloroethylene	25,200				100	µg/L	ML	EPA8260B
0	Vinyl acetate	<500	U			500	µg/L	ML	EPA8260B
0	Xylenes	<100	U			100	µg/L	ML	EPA8260B

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: Not available
Water elevation: Not available
pH: 4.6
Sp. conductance: 83 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:50
Water temperature: 17.4°C
Air temperature: 13.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<500	JU	Q	X	500	µg/L	ML	EPA8260B
0	Benzene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloroform	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloromethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Dichloromethane	<500	JU	Q	X	500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Styrene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	12,500	J	Q	X	50.0	µg/L	ML	EPA8260B
0	Toluene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	13,500	J	Q	X	50.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: Not available
Water elevation: Not available
pH: 4.6
Sp. conductance: 87 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 9:15
Water temperature: 17.5°C
Air temperature: 7.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	Bromodichloromethane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	Bromoform	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	Bromomethane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	Chlorobenzene	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	Chloroethane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<500	JU	LQ	O	500	µg/L	GE	EPA8260B
0	Chloroform	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	Chloromethane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	Dibromochloromethane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
2	Dichloromethane	366	J	ILQ	O	500	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	Ethylbenzene	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
2	Tetrachloroethylene	8,950	J	LQ	O	100	µg/L	GE	EPA8260B
0	Toluene	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<100	JU	LQ	O	100	µg/L	GE	EPA8260B
2	Trichloroethylene	10,700	J	LQ	O	100	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<500	JU	LQ	O	500	µg/L	GE	EPA8260B

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 210.05 ft (64.02 m) below TOC
Water elevation: 161.25 ft (49.15 m) msl
pH: 4.8
Sp. conductance: 87 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 11:14
Water temperature: 19°C
Air temperature: 18.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<500	U			500	µg/L	ML	EPA8260B
0	Benzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	U			250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroform	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Dichloromethane	<500	U			500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	U			50.0	µg/L	ML	EPA8260B

Well RWM 2 collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	U			250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	U			250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	U			250	µg/L	ML	EPA8260B
0	Styrene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	12,000				50.0	µg/L	ML	EPA8260B
0	Toluene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	11,400				50.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<250	U			250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	U			50.0	µg/L	ML	EPA8260B

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: Not available
Water elevation: Not available
pH: 4.7
Sp. conductance: 47 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:45
Water temperature: 18.2°C
Air temperature: 14.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Benzene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	2-Hexanone	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Styrene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	979	J	Q	X	20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	3,730	J	Q	X	20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: Not available
Water elevation: Not available
pH: 4.6
Sp. conductance: 49 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:05
Water temperature: 17°C
Air temperature: 7.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
1	Carbon tetrachloride	4.82				1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	2.03				1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.90	J	I		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	791	J	Q		50.0	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	0.768	J	I		1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	3,300		Q		50.0	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 167.48 ft (51.05 m) below TOC
Water elevation: 209.52 ft (63.86 m) msl
pH: 4.9
Sp. conductance: 49 µS/cm
Turbidity: 2 NTU
The well was continuously pumping.

Time: 12:02
Water temperature: 19.2°C
Air temperature: 18.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<200	U			200	µg/L	ML	EPA8260B
0	Benzene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	U			100	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B

Well RWM 3 collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	U			200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	2-Hexanone	<100	U			100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	U			100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	U			100	µg/L	ML	EPA8260B
0	Styrene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	1,040				20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	3,570				20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	U			100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	U			20.0	µg/L	ML	EPA8260B

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 161.99 ft (49.38 m) below TOC
Water elevation: 204.51 ft (62.34 m) msl
pH: 5.1
Sp. conductance: 22 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 10:00
Water temperature: 17.2°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<500	JU	Q	X	500	µg/L	ML	EPA8260B
0	Benzene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloroform	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloromethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Dichloromethane	<500	JU	Q	X	500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Styrene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	1,030	J	Q	X	50.0	µg/L	ML	EPA8260B
0	Toluene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	7,380	J	Q	X	50.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 162.1 ft (49.41 m) below TOC
Water elevation: 204.4 ft (62.3 m) msl
pH: 4.8
Sp. conductance: 23 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 8:40
Water temperature: 13.6°C
Air temperature: 5.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	1.17				1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.49	J	I		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	817	J	Q		50.0	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	5,370	J	Q		100	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 162 ft (49.38 m) below TOC
Water elevation: 204.5 ft (62.33 m) msl
pH: 5.1
Sp. conductance: 23 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 10:29
Water temperature: 18.6°C
Air temperature: 18.4°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<500	U			500	µg/L	ML	EPA8260B
0	Benzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	U			250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroform	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B

Well RWM 4 collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Dichloromethane	<500	U			500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	U			250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	U			250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	U			250	µg/L	ML	EPA8260B
0	Styrene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	1,080				50.0	µg/L	ML	EPA8260B
0	Toluene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	6,570				50.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<250	U			250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	U			50.0	µg/L	ML	EPA8260B

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 158.16 ft (48.21 m) below TOC
Water elevation: 208.74 ft (63.62 m) msl
pH: 4.6
Sp. conductance: 27 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:20
Water temperature: 18.4°C
Air temperature: 12.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Benzene	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Bromoform	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Bromomethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Chloroform	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Chloromethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Dichloromethane	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	2-Hexanone	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Styrene	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	595	J	Q	X	10.0	µg/L	ML	EPA8260B
0	Toluene	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
2	Trichloroethylene	1,630	J	Q	X	10.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Xylenes	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 158.5 ft (48.31 m) below TOC
Water elevation: 208.4 ft (63.52 m) msl
pH: 4.9
Sp. conductance: 29 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:25
Water temperature: 17.5°C
Air temperature: 7.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	0.736	J	I		1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	2.26	J	I		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	438	J	Q		25.0	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	1,340	J	Q		25.0	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 158.04 ft (48.17 m) below TOC
Water elevation: 208.86 ft (63.66 m) msl
pH: 5.1
Sp. conductance: 28 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 12:37
Water temperature: 19.3°C
Air temperature: 18.7°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<100	U			100	µg/L	ML	EPA8260B
0	Benzene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Bromoform	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Chloroform	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B

Well RWM 5 collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Dichloromethane	<100	U			100	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	2-Hexanone	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Styrene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	598				10.0	µg/L	ML	EPA8260B
0	Toluene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
2	Trichloroethylene	1,470				10.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	ML	EPA8260B

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 130.6 ft (39.81 m) below TOC
Water elevation: 218.5 ft (66.6 m) msl
pH: 5
Sp. conductance: 29 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 10:45
Water temperature: 18.3°C
Air temperature: 16.3°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<200	JU	Q		200	µg/L	ML	EPA8260B
0	Benzene	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	JU	Q		100	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	JU	Q		20.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	JU	Q		200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	2-Hexanone	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Styrene	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	2,670	J	Q		20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	2,200	J	Q		20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	JU	Q		20.0	µg/L	ML	EPA8260B

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 141.2 ft (43.04 m) below TOC
Water elevation: 207.9 ft (63.37 m) msl
pH: 4.9
Sp. conductance: 30 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 10:40
Water temperature: 15.5°C
Air temperature: 14.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	2,090	J	Q		50.0	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	1,840	J	Q		50.0	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 145 ft (44.2 m) below TOC
Water elevation: 204.1 ft (62.21 m) msl
pH: 5.2
Sp. conductance: 30 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 13:37
Water temperature: 19.2°C
Air temperature: 19.4°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<200	U			200	µg/L	ML	EPA8260B
0	Benzene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	U			100	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B

Well RWM 6 collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	U			200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	2-Hexanone	<100	U			100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	U			100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	U			100	µg/L	ML	EPA8260B
0	Styrene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	2,780				20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	2,130				20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	U			100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	U			20.0	µg/L	ML	EPA8260B

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 154.5 ft (47.09 m) below TOC
Water elevation: 194.5 ft (59.28 m) msl
pH: 4.8
Sp. conductance: 61 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 10:40
Water temperature: 18.2°C
Air temperature: 16.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<500	JU	Q	X	500	µg/L	ML	EPA8260B
0	Benzene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloroform	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Chloromethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Dichloromethane	<500	JU	Q	X	500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Styrene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	8,070	J	Q	X	50.0	µg/L	ML	EPA8260B
0	Toluene	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	7,230	J	Q	X	50.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<250	JU	Q	X	250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 159.7 ft (48.68 m) below TOC
Water elevation: 189.3 ft (57.7 m) msl
pH: 5
Sp. conductance: 65 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 10:50
Water temperature: 18°C
Air temperature: 14.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<250	U			250	µg/L	EX	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<250	U			250	µg/L	EX	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<250	U			250	µg/L	EX	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<250	U			250	µg/L	EX	EPA8260B
0	Carbon tetrachloride	1.16				1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<250	U			250	µg/L	EX	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<250	U			250	µg/L	EX	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<250	U			250	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<250	U			250	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<250	U			250	µg/L	EX	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<250	U			250	µg/L	EX	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<250	U			250	µg/L	EX	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<250	U			250	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<250	U			250	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<250	U			250	µg/L	EX	EPA8260B
1	1,1-Dichloroethylene	3.58				1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<250	U			250	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<250	U			250	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<250	U			250	µg/L	EX	EPA8260B
0	Dichloromethane	1.78	J	I		5.00	µg/L	GE	EPA8260B
2	Dichloromethane	240	J	IK	O	500	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<250	U			250	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<250	U			250	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<250	U			250	µg/L	EX	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<250	U			250	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<250	U			250	µg/L	EX	EPA8260B
2	Tetrachloroethylene	6,790	J	Q		100	µg/L	GE	EPA8260B
2	Tetrachloroethylene	8,900	J	K	O	250	µg/L	EX	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<250	U			250	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	0.895	J	I		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<250	U			250	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<250	U			250	µg/L	EX	EPA8260B
2	Trichloroethylene	6,590	J	Q		100	µg/L	GE	EPA8260B
2	Trichloroethylene	7,600	J	K	O	250	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<250	U			250	µg/L	EX	EPA8260B

WELL RWM 7 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 159.7 ft (48.68 m) below TOC
Water elevation: 189.3 ft (57.7 m) msl
pH: 5
Sp. conductance: 65 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 10:50
Water temperature: 18°C
Air temperature: 14.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Bromodichloromethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Bromoform	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Bromomethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Chlorobenzene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Chloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<1,000	JU	LQ	O	1,000	µg/L	GE	EPA8260B
0	Chloroform	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Chloromethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Dibromochloromethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
2	Dichloromethane	528	J	ILQ	O	1,000	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	Ethylbenzene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
2	Tetrachloroethylene	5,830	J	LQ	O	200	µg/L	GE	EPA8260B
0	Toluene	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<200	JU	LQ	O	200	µg/L	GE	EPA8260B
2	Trichloroethylene	5,550	J	LQ	O	200	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1,000	JU	LQ	O	1,000	µg/L	GE	EPA8260B

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 160.85 ft (49.03 m) below TOC
Water elevation: 219.75 ft (66.98 m) msl
pH: 5.3
Sp. conductance: 44 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 11:25
Water temperature: 19.1°C
Air temperature: 17.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B

Well RWM 9 collected on 10/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	9.46	J	Q		1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	212	J	Q		1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 165.7 ft (50.51 m) below TOC
Water elevation: 189.8 ft (57.85 m) msl
pH: 5
Sp. conductance: 77 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 10:35
Water temperature: 17.3°C
Air temperature: 15.1°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<500	JU	Q		500	µg/L	ML	EPA8260B
0	Benzene	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	JU	Q		250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Chloroethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Chloroform	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Chloromethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
1	1,2-Dichloroethylene	34.5	J	IKQ	O	50.0	µg/L	ML	EPA8260B
0	Dichloromethane	<500	JU	Q		500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	JU	Q		250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	JU	Q		250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	JU	Q		250	µg/L	ML	EPA8260B
0	Styrene	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	8,950	J	KQ	O	50.0	µg/L	ML	EPA8260B
0	Toluene	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	5,140	J	KQ	O	50.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<250	JU	Q		250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 166.8 ft (50.84 m) below TOC
Water elevation: 188.7 ft (57.52 m) msl
pH: 4.4
Sp. conductance: 81 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 8:20
Water temperature: 16.5°C
Air temperature: 3.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	0.657	J	I		1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	0.528	J	I		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	2.86				1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.56	J	I		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	0.938	J	I		1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	6,760	J	Q		100	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	1.04				1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	4,730	J	Q		100	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 166.91 ft (50.87 m) below TOC
Water elevation: 188.59 ft (57.48 m) msl
pH: 5.5
Sp. conductance: 80 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:44
Water temperature: 18.5°C
Air temperature: 18°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<500	U			500	µg/L	ML	EPA8260B
0	Benzene	<250	U			250	µg/L	EX	EPA8260B
0	Benzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<250	U			250	µg/L	EX	EPA8260B
0	Bromodichloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromoform	<250	U			250	µg/L	EX	EPA8260B
0	Bromoform	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromomethane	<250	U			250	µg/L	EX	EPA8260B
0	Bromomethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	U			250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<250	U			250	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<250	U			250	µg/L	EX	EPA8260B
0	Chlorobenzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroethane	<250	U			250	µg/L	EX	EPA8260B
0	Chloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<250	U			250	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	U			50.0	µg/L	ML	EPA8260B

Well RWM 10 collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Chloroethyl vinyl ether	<250	U			250	µg/L	EX	EPA8260B
0	Chloroform	<250	U			250	µg/L	EX	EPA8260B
0	Chloroform	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloromethane	<250	U			250	µg/L	EX	EPA8260B
0	Chloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<250	U			250	µg/L	EX	EPA8260B
0	Dibromochloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<250	U			250	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<250	U			250	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<250	U			250	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
1	1,2-Dichloroethylene	34.0	J	I		50.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<250	U			250	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<250	U			250	µg/L	EX	EPA8260B
2	Dichloromethane	440	J	I		500	µg/L	EX	EPA8260B
0	Dichloromethane	<500	U			500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<250	U			250	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<250	U			250	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<250	U			250	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<250	U			250	µg/L	EX	EPA8260B
0	Ethylbenzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	U			250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	U			250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	U			250	µg/L	ML	EPA8260B
0	Styrene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<250	U			250	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	8,600				250	µg/L	EX	EPA8260B
2	Tetrachloroethylene	9,360				50.0	µg/L	ML	EPA8260B
0	Toluene	<250	U			250	µg/L	EX	EPA8260B
0	Toluene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<250	U			250	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<250	U			250	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	4,800				250	µg/L	EX	EPA8260B
2	Trichloroethylene	5,700				50.0	µg/L	ML	EPA8260B
0	Trichlorofluoromethane	<250	U			250	µg/L	EX	EPA8260B
0	Vinyl acetate	<250	U			250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	U			50.0	µg/L	ML	EPA8260B

WELL RWM 10 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 166.91 ft (50.87 m) below TOC
Water elevation: 188.59 ft (57.48 m) msl
pH: 5.5
Sp. conductance: 80 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:44
Water temperature: 18.5°C
Air temperature: 18°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<500	U			500	µg/L	ML	EPA8260B
0	Benzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	U			250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroform	<50.0	U			50.0	µg/L	ML	EPA8260B

Well RWM 10 collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
1	1,2-Dichloroethylene	37.0	J	I		50.0	µg/L	ML	EPA8260B
0	Dichloromethane	<500	U			500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	U			250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	U			250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	U			250	µg/L	ML	EPA8260B
0	Styrene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	9,000				50.0	µg/L	ML	EPA8260B
0	Toluene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	5,310				50.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<250	U			250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	U			50.0	µg/L	ML	EPA8260B

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 173.5 ft (52.88 m) below TOC
Water elevation: 209.8 ft (63.95 m) msl
pH: 4.8
Sp. conductance: 27 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 11:30
Water temperature: 19.8°C
Air temperature: 17.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	51.9	J	Q		5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	820	J	Q		5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 172.3 ft (52.52 m) below TOC
Water elevation: 211 ft (64.31 m) msl
pH: 4.7
Sp. conductance: 29 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:40
Water temperature: 17.6°C
Air temperature: 9.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	1.26	J	LQ	O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	LQ	O	5.00	µg/L	GE	EPA8260B
0	Chloroform	1.75	J	LQ	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Dichloromethane	2.13	J	ILQ	O	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	40.3	J	LQ	O	1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	LQ	O	1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	801	J	LQ	O	50.0	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	LQ	O	5.00	µg/L	GE	EPA8260B

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 174.03 ft (53.04 m) below TOC
Water elevation: 209.27 ft (63.79 m) msl
pH: 4.9
Sp. conductance: 28 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 13:00
Water temperature: 19.7°C
Air temperature: 18.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B

Well RWM 11 collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	55.3				5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	835				5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	ML	EPA8260B

WELL RWM 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 147.65 ft (45 m) below TOC
Water elevation: 211.75 ft (64.54 m) msl
pH: 4.8
Sp. conductance: 40 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 11:50
Water temperature: 18.7°C
Air temperature: 23.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<100	JU	Q		100	µg/L	ML	EPA8260B
0	Benzene	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Bromoform	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Bromomethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Chloroform	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Chloromethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
1	1,2-Dichloroethylene	30.3	J	Q		10.0	µg/L	ML	EPA8260B
0	Dichloromethane	<100	JU	Q		100	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	2-Hexanone	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Styrene	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	30.2	J	Q		10.0	µg/L	ML	EPA8260B
0	Toluene	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
2	Trichloroethylene	3,400	J	Q		10.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Xylenes	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B

WELL RWM 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 148 ft (45.11 m) below TOC
Water elevation: 211.4 ft (64.44 m) msl
pH: 4.9
Sp. conductance: 40 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 10:48
Water temperature: 18.3°C
Air temperature: 21.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<4.52	JU	KV	O	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	9.52	J	K	O	1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	1,530	J	K	O	100	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL RWM 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99
Depth to water: 147.71 ft (45.02 m) below TOC
Water elevation: 211.69 ft (64.52 m) msl
pH: 5
Sp. conductance: 41 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 8:57
Water temperature: 16.9°C
Air temperature: 12°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<100	U			100	µg/L	ML	EPA8260B
0	Benzene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Bromoform	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Chloroform	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B

0 Well RWM 12 collected on 12/14/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
	1,1-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Dichloromethane	<100	U			100	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	2-Hexanone	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Styrene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	16.3				10.0	µg/L	ML	EPA8260B
0	Toluene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<10.0	U			10.0	µg/L	ML	EPA8260B
2	Trichloroethylene	1,880				10.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	ML	EPA8260B

WELL RWM 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 133.5 ft (40.69 m) below TOC
Water elevation: 202.7 ft (61.78 m) msl
pH: 5
Sp. conductance: 20 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 11:05
Water temperature: 18.7°C
Air temperature: 21.3°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	8.90	J	Q		5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	638	J	Q		5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B

WELL RWM 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 134 ft (40.84 m) below TOC
Water elevation: 202.2 ft (61.63 m) msl
pH: 4.9
Sp. conductance: 21 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 10:00
Water temperature: 17.5°C
Air temperature: 10.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	Q		5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	JU	Q		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	6.49	J	Q		1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	575	J	Q		50.0	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	Q		5.00	µg/L	GE	EPA8260B

WELL RWM 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99
Depth to water: 134.33 ft (40.94 m) below TOC
Water elevation: 201.87 ft (61.53 m) msl
pH: 5.2
Sp. conductance: 20 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 10:50
Water temperature: 17.7°C
Air temperature: 14.1°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B

Well RWM 13B collected on 12/14/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	9.70				5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	599				5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	ML	EPA8260B

WELL RWM 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 129.17 ft (39.37 m) below TOC
Water elevation: 207.23 ft (63.16 m) msl
pH: 5
Sp. conductance: 30 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 11:00
Water temperature: 18.7°C
Air temperature: 22°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	5.85	J	KQ	O	5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	JU	Q		50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	18.5	J	KQ	O	5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	929	J	KQ	O	5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	JU	Q		25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B

WELL RWM 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 129.8 ft (39.56 m) below TOC
Water elevation: 206.6 ft (62.97 m) msl
pH: 4.9
Sp. conductance: 31 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 10:05
Water temperature: 18°C
Air temperature: 10.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Bromodichloromethane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Bromoform	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Bromomethane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Chlorobenzene	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Chloroethane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<250	JU	LQ	O	250	µg/L	GE	EPA8260B
0	Chloroform	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Chloromethane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Dibromochloromethane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
2	Dichloromethane	219	J	LQ	O	250	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Ethylbenzene	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	Toluene	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<50.0	JU	LQ	O	50.0	µg/L	GE	EPA8260B
2	Trichloroethylene	847	J	LQ	O	50.0	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<250	JU	LQ	O	250	µg/L	GE	EPA8260B

WELL RWM 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99
Depth to water: 129.19 ft (39.38 m) below TOC
Water elevation: 207.21 ft (63.16 m) msl
pH: 5.1
Sp. conductance: 30 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 10:45
Water temperature: 17.4°C
Air temperature: 14.6°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B

Well RWM 13C collected on 12/14/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	5.80				5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	20.7				5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	882				5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	ML	EPA8260B

WELL RWM 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 141.65 ft (43.18 m) below TOC
Water elevation: 209.55 ft (63.87 m) msl
pH: 4.9
Sp. conductance: 24 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 12:05
Water temperature: 19°C
Air temperature: 16.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
1	Benzene	4.65	J	IQ	X	5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	JU	Q	X	25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	JU	Q	X	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	JU	Q	X	25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	JU	Q	X	25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	JU	Q	X	25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	21.5	J	Q	X	5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	717	J	Q	X	5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	JU	Q	X	25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B

WELL RWM 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 141.65 ft (43.18 m) below TOC
Water elevation: 209.55 ft (63.87 m) msl
pH: 5.1
Sp. conductance: 24 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 11:28
Water temperature: 16.7°C
Air temperature: 11.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<4.25	JU	KV	O	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	7.37	J	K	O	1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	687	J	K	O	50.0	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL RWM 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99
Depth to water: 141.4 ft (43.1 m) below TOC
Water elevation: 209.8 ft (63.95 m) msl
pH: 5.1
Sp. conductance: 24 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 9:50
Water temperature: 16.3°C
Air temperature: 12.4°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B

Well RWM 14B collected on 12/14/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	4.50	J	I		5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	8.55				5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	703				5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	ML	EPA8260B

WELL RWM 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: Not available
Water elevation: Not available
pH: 5
Sp. conductance: 36 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 12:10
Water temperature: 19.4°C
Air temperature: 16.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	Benzene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	21.8	J	Q	X	20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	JU	Q	X	200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	2-Hexanone	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Styrene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	39.2	J	Q	X	20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	19.8	J	IQ	X	20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	3,610	J	Q	X	20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	JU	Q	X	100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	JU	Q	X	20.0	µg/L	ML	EPA8260B

WELL RWM 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Depth to water: 118.7 ft (36.18 m) below TOC
Water elevation: 232.7 ft (70.93 m) msl
pH: 5.1
Sp. conductance: 37 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 11:21
Water temperature: 17.1°C
Air temperature: 12.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<200	U			200	µg/L	GE	EPA8260B
0	Bromodichloromethane	<200	U			200	µg/L	GE	EPA8260B
0	Bromoform	<200	U			200	µg/L	GE	EPA8260B
0	Bromomethane	<200	U			200	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<200	U			200	µg/L	GE	EPA8260B
0	Chlorobenzene	<200	U			200	µg/L	GE	EPA8260B
0	Chloroethane	<200	U			200	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<200	U			200	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<1,000	U			1,000	µg/L	GE	EPA8260B
0	Chloroform	<200	U			200	µg/L	GE	EPA8260B
0	Chloromethane	<200	U			200	µg/L	GE	EPA8260B
0	Dibromochloromethane	<200	U			200	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<200	U			200	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<200	U			200	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<200	U			200	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<200	U			200	µg/L	GE	EPA8260B
0	Dichloromethane	<1,000	U			1,000	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<200	U			200	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<200	U			200	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<200	U			200	µg/L	GE	EPA8260B
0	Ethylbenzene	<200	U			200	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<200	U			200	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<200	U			200	µg/L	GE	EPA8260B
0	Toluene	<200	U			200	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<200	U			200	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<200	U			200	µg/L	GE	EPA8260B
2	Trichloroethylene	2,500				200	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<200	U			200	µg/L	GE	EPA8260B

WELL RWM 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99
Depth to water: 148.68 ft (45.32 m) below TOC
Water elevation: 202.72 ft (61.79 m) msl
pH: 5.1
Sp. conductance: 37 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 9:43
Water temperature: 16.6°C
Air temperature: 12.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<200	U			200	µg/L	ML	EPA8260B
0	Benzene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	U			100	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B

Well RWM 14C collected on 12/14/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
1	1,2-Dichloroethylene	27.2				20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	U			200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	2-Hexanone	<100	U			100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	U			100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	U			100	µg/L	ML	EPA8260B
0	Styrene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	40.8				20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	24.4				20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	3,780				20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	U			100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	U			20.0	µg/L	ML	EPA8260B

WELL RWM 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Depth to water: 160.7 ft (48.98 m) below TOC
Water elevation: 208.8 ft (63.64 m) msl
pH: 5
Sp. conductance: 21 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 11:10
Water temperature: 18.4°C
Air temperature: 23.7°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	Benzene	<0.890	JU	IQV	X	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	Q	X	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	23.2	J	Q	X	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	Q	X	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	Q	X	1.00	µg/L	ML	EPA8260B

WELL RWM 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 161 ft (49.07 m) below TOC
Water elevation: 208.5 ft (63.55 m) msl
pH: 5
Sp. conductance: 23 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 10:20
Water temperature: 18°C
Air temperature: 12.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	Q		5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	JU	Q		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	20.9	J	Q		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	Q		5.00	µg/L	GE	EPA8260B

WELL RWM 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99
Depth to water: 160.9 ft (49.04 m) below TOC
Water elevation: 208.6 ft (63.58 m) msl
pH: 5.2
Sp. conductance: 21 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 14:06
Water temperature: 18.7°C
Air temperature: 22°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B

Well RWM 15B collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	23.7				1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL SBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 50.42 ft (15.37 m) below TOC
Water elevation: 239.58 ft (73.02 m) msl
pH: 5
Sp. conductance: 18 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1317 gal

Time: 13:55
Water temperature: 20.6°C
Air temperature: 24.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	<25.6	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	9.10	J	I		47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B

WELL SBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 48.31 ft (14.73 m) below TOC
Water elevation: 238.29 ft (72.63 m) msl
pH: 4.9
Sp. conductance: 18 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 63 gal

Time: 12:33
Water temperature: 21.4°C
Air temperature: 23.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	<8.80	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Total organic halogens	<18.5	U	V		120	µg/L	WA	EPA9020B

WELL SBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 36.87 ft (11.24 m) below TOC
Water elevation: 244.83 ft (74.63 m) msl
pH: 5.1
Sp. conductance: 27 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 75 gal

Time: 14:38
Water temperature: 20.3°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	50.4	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
1	Iron, total recoverable	153				74.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	27.1	J	I		47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B

WELL SCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 47.54 ft (14.49 m) below TOC
Water elevation: Not available
pH: 6.7
Sp. conductance: 37 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 74 gal

Time: 13:32
Water temperature: 21.3°C
Air temperature: 22.1°C
Total alkalinity (as CaCO3): 16 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	267				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	490				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Nonvolatile beta	1.30E-09±8.80E-10	U			1.41E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	9.90E-10±9.10E-10	U			1.51E-09	µCi/mL	TM	EPA900.0M

WELL SCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Depth to water: 67.94 ft (20.71 m) below TOC
Water elevation: 220.96 ft (67.35 m) msl
pH: 6.3
Sp. conductance: 30 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 16 gal

Time: 14:05
Water temperature: 22.3°C
Air temperature: 23°C
Total alkalinity (as CaCO3): 13 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	164				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

Well SCA 2 collected on 10/26/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	585				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	12.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Nonvolatile beta	2.70E-09±9.40E-10	J	I		1.37E-09	µCi/mL	TM	EPA900.0M

WELL SCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 46.2 ft (14.08 m) below TOC
Water elevation: 241.1 ft (73.49 m) msl
pH: 5.4
Sp. conductance: 20 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 70 gal

Time: 10:48
Water temperature: 24.7°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	456	J	K	I	146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	U			2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	572				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.40	J	I		47.0	µg/L	WA	EPA6010B
1	Manganese, total recoverable	29.8				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Total organic halogens	12.6	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Nonvolatile beta	3.33E-09±1.09E-09	J	I		1.57E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.53E-09±1.11E-09	J	I		1.57E-09	µCi/mL	TM	EPA900.0M

WELL SCA 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 16.62 ft (5.07 m) below TOC
Water elevation: 270.68 ft (82.5 m) msl
pH: 6.5
Sp. conductance: 471 µS/cm
Turbidity: 316 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 9:27
Water temperature: 22.9°C
Air temperature: 9.1°C
Total alkalinity (as CaCO3): 237 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): BN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	4,410	J	K	I	146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	9,880				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	7.40	J	I		47.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	2,620				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	14.8	J	I		120	µg/L	WA	EPA9020B

Well SCA 3A collected on 10/27/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL SCA 3A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 16.62 ft (5.07 m) below TOC
Water elevation: 270.68 ft (82.5 m) msl
pH: 6.5
Sp. conductance: 471 µS/cm
Turbidity: 316 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 9:27
Water temperature: 22.9°C
Air temperature: 9.1°C
Total alkalinity (as CaCO3): 237 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): BN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL SCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 44.93 ft (13.69 m) below TOC
Water elevation: 241.27 ft (73.54 m) msl
pH: 5.6
Sp. conductance: 31 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 31 gal

Time: 10:50
Water temperature: 24°C
Air temperature: 13.2°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	16.1	J	IK	I	146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	U			2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	58.8	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	6.50	J	I		47.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	8.40				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Total organic halogens	15.3	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Nonvolatile beta	4.10E-10±8.90E-10	U			1.53E-09	µCi/mL	TM	EPA900.0M

WELL SCA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 16.82 ft (5.13 m) below TOC
Water elevation: 269.28 ft (82.08 m) msl
pH: 6.5
Sp. conductance: 138 µS/cm
Turbidity: 42 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 10:25
Water temperature: 23.2°C
Air temperature: 10.9°C
Total alkalinity (as CaCO3): 46 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): BN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	649	J	K	I	146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	673	J	K	I	146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	28.1	J	I		266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	U			2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	2,370				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	2,570				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.390	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.740	J	I		2.70	µg/L	WA	EPA6010B
2	Manganese, total recoverable	221				7.80	µg/L	WA	EPA6010B
2	Manganese, total recoverable	258				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Total organic carbon	<1,370	U	V		1,000	µg/L	WA	EPA9060
0	Total organic carbon	<1,320	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B

WELL SCA 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 47.44 ft (14.46 m) below TOC
Water elevation: 240.66 ft (73.35 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 12 gal

Time: 11:19
Water temperature: Not available
Air temperature: 15.5°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	U			2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B

WELL SCA 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 47.44 ft (14.46 m) below TOC
Water elevation: 240.66 ft (73.35 m) msl
pH: 5.8
Sp. conductance: 48 µS/cm
Turbidity: 14 NTU
Water evacuated from the well prior to sampling: 9 gal

Time: 13:20
Water temperature: 24.5°C
Air temperature: 19.5°C
Total alkalinity (as CaCO3): 17 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	662	J	K	I	146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
2	Iron, total recoverable	528				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	7.60	J	I		7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Total organic halogens	16.8	J	I		120	µg/L	WA	EPA9020B
0	Nonvolatile beta	2.67E-09±1.05E-09	J	I		1.56E-09	µCi/mL	TM	EPA900.0M

WELL SCA 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99
Depth to water: 44.35 ft (13.52 m) below TOC
Water elevation: 241.45 ft (73.59 m) msl
pH: 6.8
Sp. conductance: 80 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 29 gal

Time: 12:56
Water temperature: 23.8°C
Air temperature: 24.3°C
Total alkalinity (as CaCO3): 47 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	72.9	J	IK	I	146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	U			2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Iron, total recoverable	91.7				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	7.50	J	I		7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Nonvolatile beta	6.90E-10±9.30E-10	U			1.57E-09	µCi/mL	TM	EPA900.0M

WELL SLP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 38.7 ft (11.8 m) below TOC
Water elevation: 246.1 ft (75.01 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 7 gal

Time: 12:46
Water temperature: Not available
Air temperature: 23.2°C
Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	82.3	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

Well SLP 1 collected on 10/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
1	Iron, total recoverable	186				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	7.00	J	I		7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL SLP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99
Depth to water: 55.37 ft (16.88 m) below TOC
Water elevation: 228.43 ft (69.63 m) msl
pH: 5.6
Sp. conductance: 24 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 32 gal

Time: 13:06
Water temperature: 21.5°C
Air temperature: 25.7°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	92.7	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
1	Iron, total recoverable	205				74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	4.40	J	I		7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 109.15 ft (33.27 m) below TOC
Water elevation: 211.45 ft (64.45 m) msl
pH: 4.7
Sp. conductance: 66 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 50 gal

Time: 11:09
Water temperature: 18.4°C
Air temperature: 15.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well SRW 2 collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	1.50	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 107.1 ft (32.64 m) below TOC
Water elevation: 213 ft (64.92 m) msl
pH: 4.8
Sp. conductance: 84 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 72 gal

Time: 12:26
Water temperature: 18.4°C
Air temperature: 16.6°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	4.60	J	I		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 89.35 ft (27.23 m) below TOC
Water elevation: 209.75 ft (63.93 m) msl
pH: 5.1
Sp. conductance: 24 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 27 gal

Time: 11:43
Water temperature: 18.4°C
Air temperature: 13.8°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B

Well SRW 7 collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Carbon tetrachloride	6.20				5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	5.80				5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	1.80	J	I		5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	2.40	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 80.44 ft (24.52 m) below TOC
Water elevation: 207.66 ft (63.3 m) msl
pH: 5.1
Sp. conductance: 26 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 35 gal

Time: 13:58
Water temperature: 18.6°C
Air temperature: 17.8°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Carbon tetrachloride	2.80	J	I		5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	4.70	J	I		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	1.80	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 55.62 ft (16.95 m) below TOC
Water elevation: 197.78 ft (60.28 m) msl
pH: 5.1
Sp. conductance: 19 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 64 gal

Time: 13:03
Water temperature: 18.6°C
Air temperature: 15.9°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	1.10	J	I		5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	2.80	J	I		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Trichloroethylene	2.70	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 43.45 ft (13.24 m) below TOC
Water elevation: 192.85 ft (58.78 m) msl
pH: 5.3
Sp. conductance: 16 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 13:35
Water temperature: 18.6°C
Air temperature: 16.7°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well SRW 12C collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 134.1 ft (40.87 m) below TOC
Water elevation: 212.5 ft (64.77 m) msl
pH: 5.4
Sp. conductance: 17 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 22 gal

Time: 14:24
Water temperature: 19.5°C
Air temperature: 22.4°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL SRW 16C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 134.1 ft (40.87 m) below TOC
Water elevation: 212.5 ft (64.77 m) msl
pH: 5.4
Sp. conductance: 17 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 22 gal

Time: 14:24
Water temperature: 19.5°C
Air temperature: 22.4°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well SRW 16C collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL SRW 17DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/01/99
Depth to water: 120.26 ft (36.66 m) below TOC
Water elevation: Not available
pH: 9.1
Sp. conductance: 160 µS/cm
Turbidity: 53 NTU
Water evacuated from the well prior to sampling: 110 gal

Time: 15:04
Water temperature: 18.5°C
Air temperature: 8.5°C
Total alkalinity (as CaCO3): 50 mg/L
Phenolphthalein alkalinity: 14 mg/L
Field Qualifier(s): VHN

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.20	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL SRW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 127.7 ft (38.92 m) below TOC
Water elevation: Not available
pH: 5.4
Sp. conductance: 20 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 150 gal

Time: 11:21
Water temperature: 19.3°C
Air temperature: 18.2°C
Total alkalinity (as CaCO3): 7 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.10	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL SRW 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Depth to water: 139.61 ft (42.55 m) below TOC
Water elevation: Not available
pH: 6.6
Sp. conductance: 81 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:45
Water temperature: 17.5°C
Air temperature: 12°C
Total alkalinity (as CaCO3): 31 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well SRW 19 collected on 12/02/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.90	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 55.35 ft (16.87 m) below TOC
Water elevation: 95.85 ft (29.22 m) msl
pH: 4.9
Sp. conductance: 114 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 12 gal

Time: 14:25
Water temperature: 21°C
Air temperature: 15.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Carbon tetrachloride	5.50			X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
2	Manganese, total recoverable	87.6				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
1	Nitrate as nitrogen	8,320	J	Q		500	µg/L	EX	EPA300.0
1	Nitrate-nitrite as nitrogen	8,210				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	61.0			X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			1.19E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	7.06E-09±1.03E-08	U			7.68E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	4.58E-09±4.57E-09	U			1.95E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	7.59E-09±1.09E-08	U			2.42E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.49E-09±1.57E-09	U			2.60E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-6.20E-10±1.50E-09	U			2.51E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.38E-10±1.43E-09	U			3.64E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.07E-09±1.83E-09	U			1.48E-10	µCi/mL	GP	EPIA-011
0	Curium-242	<0.00E+00	U			2.37E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.08E-11±2.16E-11	U			1.35E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.48E-11±8.99E-11	U						

Well TBG 1 collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Europium-152	2.52E-10±4.96E-09	U			8.44E-09	µCi/mL	GP	EPIA-013
0	Europium-154	7.75E-13±4.56E-09	U			8.65E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.77E-09±5.92E-09	U			1.06E-08	µCi/mL	GP	EPIA-013
1	Gross alpha	1.01E-08±1.61E-09	J	K	C	8.78E-10	µCi/mL	GP	EPIA-001
0	Lead-212	2.02E-09±5.34E-09	U			4.83E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	8.42E-10±1.63E-09	U			3.06E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	4.46E-09±9.62E-10				1.50E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	1.22E-08±2.86E-08	U			3.20E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-8.27E-11±1.44E-09	U			2.58E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.85E-09±1.96E-09	U			3.77E-09	µCi/mL	GP	EPIA-013
2	Radium-226	5.88E-09±1.46E-09				9.33E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.98E-09±5.81E-10	J	I		1.02E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	5.45E-09±1.29E-08	U			2.44E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.56E-11±1.63E-09	U			3.10E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	5.23E-10±7.05E-10	U			1.51E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	2.23E-09±1.03E-08	U			2.12E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	5.98E-11±1.39E-10	U			3.20E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.21E-10±1.48E-10	U			2.57E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.65E-11±6.73E-11	U			1.98E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.57E-06±4.53E-07	J	I		6.71E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	9.45E-11±1.08E-10	U			1.77E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.13E-11±1.60E-11	U			1.46E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	9.45E-11±1.08E-10	U			1.77E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.31E-10±1.48E-09	U			2.94E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.74E-09±3.65E-09	U			5.17E-09	µCi/mL	GP	EPIA-013

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 53.62 ft (16.34 m) below TOC
Water elevation: 97.58 ft (29.74 m) msl
pH: 4.1
Sp. conductance: 155 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 11:05
Water temperature: 28.1°C
Air temperature: 18.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	14.5	J	I		100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	3.80	J	I		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<3.80	U	V		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	2.39	J	I		10.0	µg/L	EX	EPA6010B
2	Manganese, total recoverable	381				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.346	J	I		0.500	µg/L	EX	EPA7470A
2	Nitrate as nitrogen	14,700				500	µg/L	EX	EPA300.0
2	Nitrate as nitrogen	14,800				500	µg/L	EX	EPA300.0
2	Nitrate-nitrite as nitrogen	14,900				500	µg/L	EX	EPA300.0
2	Nitrate-nitrite as nitrogen	14,300				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Tetrachloroethylene	3.70	J	I		5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TBG 3 collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	59.0				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Actinium-228	3.75E-09±1.00E-08	U			1.44E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	2.35E-09±5.19E-09	U			9.35E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-9.97E-09±1.52E-08	U			2.41E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.88E-10±1.96E-09	U			3.06E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.23E-09±1.82E-09	U			3.10E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.95E-10±2.00E-09	U			3.33E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.18E-10±1.88E-09	U			3.62E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-4.20E-11±4.23E-11	U			3.29E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	4.60E-11±1.77E-10	U			4.45E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.17E-10±2.24E-10	U			3.68E-10	µCi/mL	GP	EPIA-011
0	Europium-152	3.27E-09±6.04E-09	U			1.08E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-2.63E-09±5.15E-09	U			9.07E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.01E-09±7.85E-09	U			1.33E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	2.29E-08±2.53E-09				2.00E-10	µCi/mL	TM	EPA900.0M
2	Gross alpha	2.53E-08±2.67E-09				2.00E-10	µCi/mL	TM	EPA900.0M
0	Lead-212	1.63E-09±5.71E-09	U			5.64E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.07E-10±1.88E-09	U			3.45E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.79E-08±1.54E-09				9.00E-11	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.91E-08±1.59E-09				9.00E-11	µCi/mL	TM	EPA900.0M
0	Potassium-40	3.54E-08±2.37E-08	U			5.01E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.16E-09±1.89E-09	U			3.59E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.38E-09±2.63E-09	U			4.73E-09	µCi/mL	GP	EPIA-013
2	Radium-226	6.26E-09±1.30E-09				7.11E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.07E-09±5.34E-10	J	K	C	8.81E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	2.12E-08±1.79E-08	U			3.52E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-8.14E-10±1.82E-09	U			3.25E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	0.00E+00±4.73E-10	U			1.06E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	9.39E-10±8.42E-09	U			2.04E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-4.40E-11±2.46E-10	U			6.41E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.52E-10±1.71E-10	U			2.86E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	9.00E-12±7.23E-11	U			2.32E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.48E-06±4.90E-07	J	I		7.41E-07	µCi/mL	GP	EPA906.0
0	Uranium-233/234	1.04E-10±1.40E-10	U			2.74E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.20E-11±1.72E-11	U			1.57E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	3.03E-10±1.87E-10	J	I		1.90E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.23E-09±2.74E-09	U			4.88E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.33E-09±4.39E-09	U			7.32E-09	µCi/mL	GP	EPIA-013

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 51.4 ft (15.67 m) below TOC
Water elevation: 99.9 ft (30.45 m) msl
pH: 4.8
Sp. conductance: 265 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 23 gal

Time: 11:33
Water temperature: 23.9°C
Air temperature: 17.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Boron, total recoverable	9.20	J	I		100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Bromoform	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Bromomethane	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Chlorobenzene	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Chloroethane	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	U			50.0	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Chloroform	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Chloromethane	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<50.0	U			50.0	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<50.0	U			50.0	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<50.0	U			50.0	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<50.0	U			50.0	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<50.0	U			50.0	µg/L	EX	EPA8260B

Well TBG 4 collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,2-Dichloroethylene	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Dichloromethane	<38.0	U	V		50.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<50.0	U			50.0	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	U			50.0	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Ethylbenzene	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
2	Manganese, total recoverable	354				10.0	µg/L	EX	EPA6010B
2	Mercury, total recoverable	2.37				0.500	µg/L	EX	EPA7470A
2	Nitrate as nitrogen	25,900				1,000	µg/L	EX	EPA300.0
2	Nitrate-nitrite as nitrogen	26,400				1,000	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<50.0	U			50.0	µg/L	EX	EPA8260B
2	Tetrachloroethylene	23.0	J	I		50.0	µg/L	EX	EPA8260B
0	Toluene	<50.0	U			50.0	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<50.0	U			50.0	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<50.0	U			50.0	µg/L	EX	EPA8260B
2	Trichloroethylene	210				50.0	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Actinium-228	8.40E-09±8.09E-09	U			1.61E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	6.37E-09±6.41E-09	U			1.30E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.94E-09±5.25E-09	U			9.13E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.40E-10±4.62E-09	U			8.46E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	6.48E-09±1.43E-08	U			2.52E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.26E-09±1.35E-08	U			2.32E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.83E-09±2.34E-09	U			3.80E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-9.73E-10±2.04E-09	U			3.01E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.15E-09±2.06E-09	U			3.85E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.36E-09±1.76E-09	U			3.48E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-7.36E-10±1.75E-09	U			2.99E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-8.42E-10±1.74E-09	U			2.94E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.32E-10±1.98E-09	U			3.73E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.35E-10±1.91E-09	U			3.72E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.07E-10±1.13E-10	U			4.86E-10	µCi/mL	GP	EPIA-011
0	Curium-242	<0.00E+00	U			1.46E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	9.00E-12±2.96E-10	U			7.29E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.50E-11±9.36E-11	U			2.40E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.32E-10±2.09E-10	U			2.90E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.36E-10±1.59E-10	U			1.36E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-8.66E-10±5.76E-09	U			1.03E-08	µCi/mL	GP	EPIA-013
0	Europium-152	-1.58E-09±5.82E-09	U			9.65E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.87E-09±5.81E-09	U			9.90E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-5.38E-09±5.25E-09	U			8.28E-09	µCi/mL	GP	EPIA-013
0	Europium-155	9.02E-09±1.11E-08	U			1.20E-08	µCi/mL	GP	EPIA-013
0	Europium-155	1.88E-09±7.00E-09	U			1.24E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	4.02E-08±3.70E-09				2.40E-10	µCi/mL	TM	EPA900.0M
0	Lead-212	5.84E-09±4.15E-09	U			7.43E-09	µCi/mL	GP	EPIA-013
0	Lead-212	6.92E-09±5.92E-09	U			7.14E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-7.44E-10±1.94E-09	U			3.44E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	4.46E-10±1.61E-09	U			3.06E-09	µCi/mL	GP	EPIA-013
1	Nonvolatile beta	2.94E-08±2.00E-09				1.00E-10	µCi/mL	TM	EPA900.0M
0	Potassium-40	1.94E-08±3.34E-08	U			3.80E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	3.99E-08±2.60E-08	U			5.55E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	9.21E-10±1.99E-09	U			3.66E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	6.34E-10±2.05E-09	U			3.39E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-5.03E-10±2.33E-09	U			4.10E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.28E-09±2.21E-09	U			4.39E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.05E-08±1.69E-09				5.19E-10	µCi/mL	GP	EPIA-008
2	Radium-226	9.83E-09±1.62E-09				5.04E-10	µCi/mL	GP	EPIA-008
2	Radium-226	1.05E-08±1.69E-09				5.19E-10	µCi/mL	GP	EPIA-008
1	Radium-228	3.68E-09±6.22E-10	J	K	C	9.37E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-1.96E-09±1.75E-08	U			3.08E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.51E-08±2.18E-08	U			2.94E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.03E-09±2.09E-09	U			3.55E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.42E-09±1.79E-09	U			2.99E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-2.00E-12±5.28E-10	U			1.19E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	8.62E-09±9.48E-09	U			2.11E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	1.93E-10±3.37E-10	U			7.16E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	5.50E-11±2.85E-10	U			6.79E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.10E-11±8.73E-11	U			2.80E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.00E-12±1.19E-10	U			3.57E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.90E-11±2.76E-11	U			2.51E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	2.90E-11±7.80E-11	U			2.00E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.17E-06±4.81E-07	J	I		7.49E-07	µCi/mL	GP	EPA906.0
0	Uranium-233/234	2.70E-10±1.88E-10	J	I		2.23E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	3.76E-10±1.50E-10				4.18E-11	µCi/mL	GP	EPIA-011

Well TBG 4 collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Uranium-235	8.00E-12±5.98E-11	U			1.92E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	7.00E-12±3.14E-11	U			8.85E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	4.82E-10±2.42E-10	J	I		1.71E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	3.97E-10±1.56E-10	J	I		8.82E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	2.65E-09±2.15E-09	U			5.10E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	-3.33E-10±2.13E-09	U			4.01E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.94E-10±5.67E-09	U			9.00E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.33E-09±3.91E-09	U			6.11E-09	µCi/mL	GP	EPIA-013

WELL TBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 50.1 ft (15.27 m) below TOC
Water elevation: 99.3 ft (30.27 m) msl
pH: 5.1
Sp. conductance: 61 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 12 gal

Time: 10:20
Water temperature: 21.7°C
Air temperature: 22.7°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Benzene	<500	U		X	500	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<500	U		X	500	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<500	U		X	500	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<500	U		X	500	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<500	U		X	500	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<500	U		X	500	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<500	U		X	500	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<500	U		X	500	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<500	U		X	500	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<500	U		X	500	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<500	U		X	500	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<500	U		X	500	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<500	U		X	500	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<500	U		X	500	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<500	U		X	500	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	7.70			X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<500	U		X	500	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<500	U		X	500	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<500	U		X	500	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<500	U		X	500	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<500	U		X	500	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<500	U		X	500	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<500	U		X	500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	8.10	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	3,260	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	3,260				100	µg/L	EX	EPA300.0

Well TBG 5 collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<500	U		X	500	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<500	U		X	500	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<500	U		X	500	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<500	U		X	500	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<500	U		X	500	µg/L	EX	EPA8260B
2	Trichloroethylene	1,100		L	X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	1,200			X	500	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<500	U		X	500	µg/L	EX	EPA8260B
0	Gross alpha	1.21E-09±7.40E-10	J	I		1.07E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.07E-09±9.50E-10	J	I		1.35E-09	µCi/mL	TM	EPA900.0M

WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 50.88 ft (15.51 m) below TOC
Water elevation: 99.12 ft (30.21 m) msl
pH: 4.3
Sp. conductance: 28 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 67 gal

Time: 9:13
Water temperature: 19.8°C
Air temperature: 7.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TBG 5A collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	4.16	J	I		10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	2.40	J	I		7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	2.30	J	I		7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	3.02	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	673				20.0	µg/L	WA	EPA353.2
0	Nitrate as nitrogen	604	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	637				20.0	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	595				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.09E-09±5.98E-10	J	IK	C	8.98E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	7.30E-10±5.40E-10	U			7.80E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.34E-09±6.73E-10	J	I		1.28E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.71E-09±8.80E-10	J	I		1.26E-09	µCi/mL	TM	EPA900.0M

WELL TBG 5A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 50.88 ft (15.51 m) below TOC
Water elevation: 99.12 ft (30.21 m) msl
pH: 4.3
Sp. conductance: 28 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 67 gal

Time: 9:13
Water temperature: 19.8°C
Air temperature: 7.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B

Well TBG 5A collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	2.81	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	612	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	601				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	8.20E-10±5.70E-10	J	I		8.20E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.12E-09±9.00E-10	J	I		1.37E-09	µCi/mL	TM	EPA900.0M

WELL TBG 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 39.19 ft (11.95 m) below TOC
Water elevation: 110.21 ft (33.59 m) msl
pH: 4.9
Sp. conductance: 33 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 116 gal

Time: 9:26
Water temperature: 19.9°C
Air temperature: 8.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	17.7				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	<100	JU	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	6.00E-11±5.00E-10	U			9.80E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.95E-09±9.40E-10	J	I		1.46E-09	µCi/mL	TM	EPA900.0M

WELL TBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 50.16 ft (15.29 m) below TOC
Water elevation: 97.94 ft (29.85 m) msl
pH: 4.7
Sp. conductance: 129 µS/cm
Turbidity: 14 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:40
Water temperature: 21.3°C
Air temperature: 20.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Benzene	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
2	Carbon tetrachloride	22.0			X	5.00	µg/L	EX	EPA8260B
2	Carbon tetrachloride	19.0	J	I	X	25.0	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	1.60	J	I	X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<25.0	U			10.0	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
2	Manganese, total recoverable	86.8	J	I		0.500	µg/L	EX	EPA7470A
0	Mercury, total recoverable	0.376	J	Q		500	µg/L	EX	EPA300.0
2	Nitrate as nitrogen	10,200				500	µg/L	EX	EPA300.0
2	Nitrate-nitrite as nitrogen	10,200							EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
2	Trichloroethylene	110			X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	110			X	25.0	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B

Well TBG 6 collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichlorofluoromethane	<25.0	U		X	25.0	µg/L	EX	EPA8260B
0	Gross alpha	7.48E-09±1.50E-09				1.23E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	5.11E-09±1.09E-09				1.41E-09	µCi/mL	TM	EPA900.0M

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 45.2 ft (13.78 m) below TOC
Water elevation: 101.6 ft (30.97 m) msl
pH: 4.9
Sp. conductance: 46 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 37 gal

Time: 8:42
Water temperature: 20.4°C
Air temperature: 6.6°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	1.63	J	I		10.0	µg/L	EX	EPA6010B

WELL TCM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 7.74 ft (2.36 m) below TOC
Water elevation: Not available
pH: 5
Sp. conductance: 64 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 9 gal

Time: 14:57
Water temperature: 19.5°C
Air temperature: 16.1°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	161				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	18.7				5.00	µg/L	EX	EPA8260B
0	Manganese, total recoverable	<5.00	U			10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	2.10	J	I		5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	1.28E-09±1.04E-09				1.60E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	9.30E-10±9.60E-10	U			1.34E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	3.49E-09±1.28E-09				1.85E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	4.28E-09±1.22E-09	J	I		1.62E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta								

WELL TCM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 6.84 ft (2.08 m) below TOC
Water elevation: Not available
pH: 5
Sp. conductance: 153 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 28 gal

Time: 14:25
Water temperature: 20°C
Air temperature: 21.5°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	337				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	0.900	J	I	X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	1.70	J	I	X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
2	Manganese, total recoverable	96.5				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
1	Nitrate as nitrogen	9,220	J	Q		500	µg/L	EX	EPA300.0
1	Nitrate-nitrite as nitrogen	9,220				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	44.0			X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
1	Gross alpha	9.16E-09±1.60E-09				7.34E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.50E-09±1.09E-09				1.13E-09	µCi/mL	GP	EPIA-001

WELL TCM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 6.85 ft (2.09 m) below TOC
Water elevation: Not available
pH: 5.3
Sp. conductance: 151 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 28 gal

Time: 13:18
Water temperature: 19.3°C
Air temperature: 16.2°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Actinium-228	8.34E-09±1.05E-08	U			1.58E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	3.28E-09±4.86E-09	U			9.27E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	6.93E-09±1.27E-08	U			2.28E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.38E-10±1.95E-09	U			3.02E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-5.44E-10±1.78E-09	U			3.10E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	9.56E-10±1.62E-09	U			2.92E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.91E-09±2.10E-09	U			4.35E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			1.25E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	7.10E-11±1.42E-10	U			3.17E-10	µCi/mL	GP	EPIA-011

Well TCM 2 collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Curium-245/246	3.91E-10±2.54E-10	J	I		1.17E-10	µCi/mL	GP	EPIA-011
0	Europium-152	3.28E-09±6.55E-09	U			1.04E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-1.34E-09±5.56E-09	U			1.00E-08	µCi/mL	GP	EPIA-013
0	Europium-155	1.57E-08±1.16E-08	R		4	1.26E-08	µCi/mL	GP	EPIA-013
0	Lead-212	2.70E-09±5.98E-09	U			6.29E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	8.44E-10±1.95E-09	U			3.63E-09	µCi/mL	GP	EPIA-013
0	Potassium-40	1.43E-09±3.23E-08	U			3.64E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.33E-09±1.51E-09	U			3.02E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.66E-09±2.31E-09	U			4.04E-09	µCi/mL	GP	EPIA-013
0	Radium-226	1.12E-09±5.90E-10	U	V		6.11E-10	µCi/mL	GP	EPIA-008
0	Radium-228	9.80E-11±2.71E-10	U			5.66E-10	µCi/mL	GP	EPIA-009
0	Radium-228	-2.04E-10±3.82E-10	U			8.44E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	8.49E-10±1.58E-08	U			2.87E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-4.81E-10±2.00E-09	U			3.60E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.82E-10±4.91E-10	U			1.06E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	8.95E-09±8.98E-09	U			1.99E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	5.63E-09±8.87E-09	U			2.04E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	5.00E-12±1.56E-10	U			4.43E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	-3.80E-11±3.86E-11	U			2.98E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.10E-11±8.54E-11	U			2.74E-10	µCi/mL	GP	EPIA-012
0	Tritium	3.89E-06±5.83E-07				7.42E-07	µCi/mL	GP	EPA906.0
0	Uranium-233/234	3.42E-09±7.58E-10				2.46E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	2.16E-10±1.66E-10	J	I		1.79E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	4.08E-09±8.49E-10				1.99E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	3.19E-10±2.22E-09	U			4.45E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.61E-09±3.73E-09	U			5.59E-09	µCi/mL	GP	EPIA-013

WELL TCM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 6.21 ft (1.89 m) below TOC
Water elevation: Not available
pH: 5.6
Sp. conductance: 210 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 10:40
Water temperature: 18.1°C
Air temperature: 9.2°C
Total alkalinity (as CaCO3): 18 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	341				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<3.60	U	V		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Manganese, total recoverable	83.9				10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	29.0				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Actinium-228	2.72E-09±1.15E-08	U			1.44E-08	µCi/mL	GP	EPIA-013

Well TCM 3 collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Antimony-125	-2.66E-09±4.52E-09	U			7.83E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-6.30E-09±1.35E-08	U			2.29E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.42E-10±1.70E-09	U			2.92E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.11E-09±1.99E-09	U			3.77E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.08E-10±1.68E-09	U			2.97E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.00E-12±1.99E-09	U			3.78E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.00E-11±1.94E-11	U			2.13E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	6.70E-11±1.09E-10	U			1.99E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.90E-10±2.81E-10	J	I		1.13E-10	µCi/mL	GP	EPIA-011
0	Europium-152	4.48E-09±5.63E-09	U			1.02E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-3.23E-09±5.26E-09	U			9.00E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-5.22E-09±7.11E-09	U			1.20E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	2.19E-08±2.92E-09				2.80E-10	µCi/mL	TM	EPA900.0M
0	Lead-212	7.22E-09±3.79E-09	J	I		7.01E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	5.47E-10±1.75E-09	U			3.29E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.95E-08±1.65E-09				1.00E-10	µCi/mL	TM	EPA900.0M
0	Potassium-40	2.63E-08±2.30E-08	U			4.86E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	4.17E-10±1.74E-09	U			3.22E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.09E-09±2.26E-09	U			3.89E-09	µCi/mL	GP	EPIA-013
0	Radium-226	1.04E-09±5.60E-10	U	V		5.12E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-7.30E-11±3.04E-10	U			6.58E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.49E-08±1.54E-08	U			3.07E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.15E-09±1.89E-09	U			3.24E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	3.00E-12±4.91E-10	U			1.10E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	2.23E-09±8.37E-09	U			2.00E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-4.00E-12±2.50E-10	U			6.38E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.28E-10±1.49E-10	U			2.26E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	5.50E-11±1.06E-10	U			2.26E-10	µCi/mL	GP	EPIA-012
0	Tritium	3.56E-06±5.71E-07				7.41E-07	µCi/mL	GP	EPA906.0
1	Uranium-233/234	9.41E-09±1.58E-09				3.03E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	4.94E-10±2.63E-10	J	I		2.56E-10	µCi/mL	GP	EPIA-011
1	Uranium-238	8.80E-09±1.50E-09				8.92E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	5.60E-10±1.97E-09	U			4.08E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.66E-09±4.37E-09	U			6.27E-09	µCi/mL	GP	EPIA-013

WELL TCM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 7.87 ft (2.4 m) below TOC
Water elevation: Not available
pH: 5.5
Sp. conductance: 184 µS/cm
Turbidity: 19 NTU
Water evacuated from the well prior to sampling: 10 gal

Time: 13:44
Water temperature: 19.4°C
Air temperature: 17.1°C
Total alkalinity (as CaCO3): 22 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): N

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	278				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<3.90	U	V		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Manganese, total recoverable	46.8				10.0	µg/L	EX	EPA6010B

Well TCM 5 collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	36.0				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Gross alpha	8.67E-09±1.56E-09				2.00E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	7.86E-09±1.02E-09				9.00E-11	µCi/mL	TM	EPA900.0M

WELL TCM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 8.11 ft (2.47 m) below TOC
Water elevation: Not available
pH: 5.9
Sp. conductance: 168 µS/cm
Turbidity: 14 NTU
Water evacuated from the well prior to sampling: 12 gal

Time: 14:23
Water temperature: 19.5°C
Air temperature: 18.8°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	355				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	0.910	J	I		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<4.00	U	V		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Manganese, total recoverable	72.1				10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	30.0				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			3.00E-10	µCi/mL	TM	EPA900.0M
2	Gross alpha	2.82E-08±3.44E-09				1.00E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.32E-08±1.81E-09							

WELL TIR 1L

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 10.31 ft (3.14 m) below TOC
Water elevation: 91.39 ft (27.86 m) msl
pH: 4.9
Sp. conductance: 103 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 9 gal

Time: 9:21
Water temperature: 16.1°C
Air temperature: 0.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	852				100	µg/L	EX	EPA6010B

Well TIR 1L collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Manganese, total recoverable	48.6				10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	1.40	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.67E-09±1.04E-09	J	I		1.39E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.06E-09±1.26E-09	J	I		1.87E-09	µCi/mL	TM	EPA900.0M

WELL TIR 1M

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 9.82 ft (2.99 m) below TOC
Water elevation: 91.88 ft (28.01 m) msl
pH: 4.9
Sp. conductance: 86 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 9:05
Water temperature: 16.1°C
Air temperature: 0°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	721				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Manganese, total recoverable	49.4				10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TIR 1M collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	5.60				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.58E-09±8.80E-10	J	I		1.05E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.72E-09±1.08E-09	J	I		1.55E-09	µCi/mL	TM	EPA900.0M

WELL TIR 1U

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 9.68 ft (2.95 m) below TOC
Water elevation: 91.92 ft (28.02 m) msl
pH: 4.6
Sp. conductance: 116 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 12:15
Water temperature: 19.8°C
Air temperature: 21.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	955				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Manganese, total recoverable	88.6				10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	16.0				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Actinium-228	3.87E-09±7.13E-09	U			1.34E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.74E-09±4.97E-09	U			8.60E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	4.82E-09±1.33E-08	U			2.35E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.04E-09±2.13E-09	U			3.08E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.97E-10±1.98E-09	U			3.59E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.20E-10±1.69E-09	U			2.99E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.02E-10±2.08E-09	U			3.84E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			1.76E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	<0.00E+00	U			1.62E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	5.39E-11±1.08E-10	U			1.62E-10	µCi/mL	GP	EPIA-011
0	Europium-152	2.47E-09±5.82E-09	U			1.02E-08	µCi/mL	GP	EPIA-013
0	Europium-154	1.51E-09±5.44E-09	U			1.06E-08	µCi/mL	GP	EPIA-013
0	Europium-155	1.13E-08±9.01E-09	U			1.27E-08	µCi/mL	GP	EPIA-013
1	Gross alpha	8.15E-09±1.41E-09				6.60E-10	µCi/mL	GP	EPIA-001
0	Lead-212	4.46E-09±5.44E-09	U			5.92E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.04E-10±1.87E-09	U			3.26E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.45E-09±7.48E-10				1.09E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	2.76E-08±2.31E-08	U			4.81E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-7.13E-11±1.94E-09	U			3.42E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	5.02E-10±2.33E-09	U			4.30E-09	µCi/mL	GP	EPIA-013
0	Radium-226	6.14E-10±6.20E-10	U			9.45E-10	µCi/mL	GP	EPIA-008

Well TIR 1U collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Radium-228	2.46E-10±3.98E-10	U			8.15E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-3.94E-10±1.72E-08	U			3.08E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	5.53E-10±1.95E-09	U			3.79E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	2.10E-10±5.26E-10	U			1.17E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	2.20E-09±9.33E-09	U			1.91E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.93E-12±2.17E-10	U			5.42E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	-2.05E-11±7.17E-11	U			2.73E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.45E-11±2.07E-11	U			1.88E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.54E-06±4.18E-07				6.13E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	3.00E-09±6.80E-10				1.32E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.95E-10±1.45E-10	J	I		1.33E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.44E-09±5.94E-10				1.56E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.03E-09±2.09E-09	U			4.42E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.05E-09±4.02E-09	U			7.24E-09	µCi/mL	GP	EPIA-013

WELL TIR 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 9.86 ft (3.01 m) below TOC
Water elevation: 91.44 ft (27.87 m) msl
pH: 4.6
Sp. conductance: 98 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 4 gal

Time: 13:49
Water temperature: 20.1°C
Air temperature: 21.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	739				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
1	Manganese, total recoverable	46.8				10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	16.0	J	KQ	O	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Gross alpha	5.40E-10±5.50E-10	U			8.80E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.34E-09±8.10E-10	J	I		1.28E-09	µCi/mL	TM	EPA900.0M

WELL TIR 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Depth to water: 7.03 ft (2.14 m) below TOC
Water elevation: 93.57 ft (28.52 m) msl
pH: 4.8
Sp. conductance: 89 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 4 gal

Time: 14:18
Water temperature: 20.1°C
Air temperature: 17.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	66.8	J	I		100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	0.700	J	I		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<4.10	U	V		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
1	Manganese, total recoverable	34.0				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.359	J	I		0.500	µg/L	EX	EPA7470A
1	Nitrate as nitrogen	6,830				500	µg/L	EX	EPA300.0
1	Nitrate-nitrite as nitrogen	7,130				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	40.0				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Actinium-228	3.43E-09±1.02E-08	U			1.44E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	2.09E-09±5.21E-09	U			9.65E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.98E-09±1.39E-08	U			2.43E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.90E-10±2.29E-09	U			3.37E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.10E-10±2.03E-09	U			3.64E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	5.64E-10±1.73E-09	U			3.06E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.53E-10±2.20E-09	U			4.22E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.30E-11±1.03E-10	U			3.31E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-3.20E-11±3.74E-11	U			3.10E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.56E-10±2.23E-10	U	V		2.35E-10	µCi/mL	GP	EPIA-011
0	Europium-152	6.90E-09±9.84E-09	U			1.13E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-1.99E-09±4.86E-09	U			8.50E-09	µCi/mL	GP	EPIA-013
0	Europium-155	5.65E-10±7.08E-09	U			1.25E-08	µCi/mL	GP	EPIA-013
1	Gross alpha	1.27E-08±1.77E-09				1.80E-10	µCi/mL	TM	EPA900.0M
0	Lead-212	6.26E-09±3.91E-09	U			6.59E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	5.84E-10±2.10E-09	U			3.96E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.37E-08±1.33E-09				9.00E-11	µCi/mL	TM	EPA900.0M
0	Potassium-40	1.80E-08±3.07E-08	U			3.98E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-2.50E-10±1.96E-09	U			3.41E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-2.55E-09±2.58E-09	U			4.20E-09	µCi/mL	GP	EPIA-013
0	Radium-226	2.09E-09±7.73E-10	U	V		5.15E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.59E-10±3.90E-10	J	K	C	7.13E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-3.97E-09±1.80E-08	U			3.12E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-7.09E-10±1.75E-09	U			3.06E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-2.60E-10±5.43E-10	U			1.27E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-8.43E-10±7.96E-09	U			1.97E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	1.19E-10±3.04E-10	U			6.80E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.90E-11±7.62E-11	U			2.24E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.00E-11±7.81E-11	U			2.50E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.46E-06±4.95E-07	J	I		7.52E-07	µCi/mL	GP	EPA906.0

Well TIR 3B collected on 12/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Uranium-233/234	1.80E-09±3.76E-10				1.38E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	2.80E-11±6.46E-11	U			1.39E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.05E-09±4.07E-10				1.26E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-7.16E-10±2.15E-09	U			3.94E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.16E-09±4.80E-09	U			8.99E-09	µCi/mL	GP	EPIA-013

WELL TNX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/12/99
Depth to water: 61.19 ft (18.65 m) below TOC
Water elevation: 95.31 ft (29.05 m) msl
pH: 5.5
Sp. conductance: 47 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 33 gal

Time: 10:19
Water temperature: 19.4°C
Air temperature: 15°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	7.43	J	I		100	µg/L	EX	EPA6010B
2	Manganese, total recoverable	53.7				10.0	µg/L	EX	EPA6010B

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 60.3 ft (18.38 m) below TOC
Water elevation: 94.8 ft (28.9 m) msl
pH: 5.6
Sp. conductance: 52 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:50
Water temperature: 19.4°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 16 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	2.26	J	I		10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	9.92	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	49.4	J	IQ		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.37E-09±7.30E-10	J	I		9.50E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.66E-09±9.60E-10	J	I		1.41E-09	µCi/mL	TM	EPA900.0M

WELL TNX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 59.41 ft (18.11 m) below TOC
Water elevation: 94.89 ft (28.92 m) msl
pH: 5.5
Sp. conductance: 71 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 9:40
Water temperature: 21.7°C
Air temperature: 15.1°C
Total alkalinity (as CaCO3): 7 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	141				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Carbon tetrachloride	8.30			X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	21.0			X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	20.7				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.157	J	I		0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	2,980	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	2,980				100	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	2.40	J	I	X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	170			X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Actinium-228	6.89E-09±7.49E-09	U			1.47E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-3.42E-09±4.78E-09	U			8.19E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	9.31E-09±1.21E-08	U			2.19E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.98E-11±1.76E-09	U			2.80E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-3.27E-10±1.75E-09	U			3.12E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	7.87E-10±1.47E-09	U			2.65E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-8.37E-10±2.38E-09	U			3.61E-09	µCi/mL	GP	EPIA-013
0	Curium-242	4.80E-11±1.19E-10	U			2.91E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.94E-11±2.75E-11	U			3.11E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			1.61E-10	µCi/mL	GP	EPIA-011
0	Europium-152	5.78E-10±5.43E-09	U			9.37E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.22E-09±4.94E-09	U			9.91E-09	µCi/mL	GP	EPIA-013
0	Europium-155	4.97E-09±6.57E-09	U			1.20E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.79E-09±6.88E-10	J	I		7.99E-10	µCi/mL	GP	EPIA-001
0	Lead-212	5.38E-09±3.92E-09	U			6.69E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.10E-09±1.86E-09	U			3.09E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.36E-09±6.80E-10	J	I		1.13E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	2.08E-08±2.28E-08	U			4.73E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.12E-10±1.66E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-8.18E-11±2.17E-09	U			3.96E-09	µCi/mL	GP	EPIA-013
0	Radium-226	6.29E-10±6.35E-10	U			9.69E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.98E-10±3.40E-10	U			6.70E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	2.08E-10±1.50E-08	U			2.75E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	4.50E-10±1.77E-09	U			3.55E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.20E-10±6.65E-10	U			1.55E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-4.90E-09±9.81E-09	U			2.07E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-2.10E-10±1.90E-10	U			6.23E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.63E-12±1.03E-10	U			3.10E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	2.50E-11±6.77E-11	U			1.73E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.66E-06±4.29E-07				6.24E-07	µCi/mL	GP	EPIA-002

Well TNX 3D collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Uranium-233/234	1.21E-10±1.10E-10	U			1.36E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	2.29E-11±6.58E-11	U			1.66E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.28E-11±6.56E-11	U			1.66E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	7.01E-10±1.74E-09	U			3.77E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.69E-10±4.03E-09	U			6.82E-09	µCi/mL	GP	EPIA-013

WELL TNX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 51.1 ft (15.58 m) below TOC
Water elevation: 98.7 ft (30.08 m) msl
pH: 4.5
Sp. conductance: 64 µS/cm
Turbidity: 8 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 11:30
Water temperature: 21.2°C
Air temperature: 12.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	2.40	J	I	X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	4.52	J	I		10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	21.6				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	4,140	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	3,920				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	2.10	J	I	X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
1	Trichloroethylene	3.30	J	I	X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	4.99E-09±1.09E-09				1.70E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	6.24E-09±1.17E-09				1.47E-09	µCi/mL	TM	EPA900.0M

WELL TNX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/01/99
Depth to water: 48.36 ft (14.74 m) below TOC
Water elevation: 100.94 ft (30.77 m) msl
pH: 5.4
Sp. conductance: 115 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 12:30
Water temperature: 18.1°C
Air temperature: 8.9°C
Total alkalinity (as CaCO3): 15 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	699				100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	9.37	J	I		10.0	µg/L	EX	EPA6010B

Well TNX 5D collected on 12/01/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Gross alpha	8.81E-09±2.00E-09				1.58E-09	µCi/mL	TM	EPA900.0M
1	Gross alpha	9.10E-09±2.18E-09				1.79E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	6.97E-09±1.36E-09				1.59E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	6.73E-09±1.37E-09				1.62E-09	µCi/mL	TM	EPA900.0M

WELL TNX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 48.88 ft (14.9 m) below TOC
Water elevation: 101.62 ft (30.97 m) msl
pH: 5.2
Sp. conductance: 157 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:00
Water temperature: 19.3°C
Air temperature: 13.3°C
Total alkalinity (as CaCO3): 11 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	1,010				100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	<6.54	U		6	10.0	µg/L	EX	EPA6010B
0	Gross alpha	2.47E-09±9.80E-10	J	I		9.90E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.50E-09±1.06E-09	J	I		1.49E-09	µCi/mL	TM	EPA900.0M

WELL TNX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 54.35 ft (16.57 m) below TOC
Water elevation: 96.55 ft (29.43 m) msl
pH: 4.9
Sp. conductance: 39 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 12:00
Water temperature: 19.4°C
Air temperature: 15.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	4.99	J	I		10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	7.53	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	385	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	317	J	I		500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	5.70E-10±5.40E-10	U			8.50E-10	µCi/mL	TM	EPA900.0M

Well TNX 7D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nonvolatile beta	1.76E-09±8.70E-10	J	I		1.33E-09	µCi/mL	TM	EPA900.0M

WELL TNX 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 8.47 ft (2.58 m) below TOC
Water elevation: 91.83 ft (27.99 m) msl
pH: 5.6
Sp. conductance: 92 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 36 gal

Time: 13:57
Water temperature: 18.7°C
Air temperature: 14.1°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	451				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	7.76	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	2,480	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	2,480				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	2.10	J	I	X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	4.30E-10±5.40E-10	U			8.90E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.37E-09±9.00E-10	U			1.45E-09	µCi/mL	TM	EPA900.0M

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 9.94 ft (3.03 m) below TOC
Water elevation: 91.76 ft (27.97 m) msl
pH: 4.2
Sp. conductance: 140 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 66 gal

Time: 9:51
Water temperature: 18.9°C
Air temperature: 7.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	604				266	µg/L	WA	EPA6010B
0	Boron, total recoverable	720				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TNX 9D collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<4.96	U	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Manganese, total recoverable	17.1				7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	20.0				10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.19E-09±6.60E-10	J	I		8.87E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.79E-09±1.04E-09	J	I		1.16E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.01E-09±7.60E-10				1.20E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.64E-09±1.00E-09				1.38E-09	µCi/mL	TM	EPA900.0M

WELL TNX 9D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 9.94 ft (3.03 m) below TOC
Water elevation: 91.76 ft (27.97 m) msl
pH: 4.2
Sp. conductance: 140 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 66 gal

Time: 9:51
Water temperature: 18.9°C
Air temperature: 7.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TNX 9D collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	718				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Manganese, total recoverable	19.2				10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.81E-09±8.40E-10	J	I		9.30E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.59E-09±8.30E-10	J	I		9.80E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.08E-09±1.01E-09	J	I		1.45E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.69E-09±1.03E-09	J	I		1.55E-09	µCi/mL	TM	EPA900.0M

WELL TNX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 10.71 ft (3.26 m) below TOC
Water elevation: 91.59 ft (27.92 m) msl
pH: 5.1
Sp. conductance: 81 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 92 gal

Time: 13:30
Water temperature: 18.6°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	590				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B

Well TNX 10D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
1	Manganese, total recoverable	42.4				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	2,850	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	2,730				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	7.30	J	K	QX	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	3.14E-09±1.14E-09	J	I		1.32E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.53E-09±1.10E-09	U			1.78E-09	µCi/mL	TM	EPA900.0M

WELL TNX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 8.45 ft (2.58 m) below TOC
Water elevation: 91.35 ft (27.84 m) msl
pH: 5.2
Sp. conductance: 43 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 58 gal

Time: 12:55
Water temperature: 20.2°C
Air temperature: 14°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	16.3				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	78.2	J	IQ		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	1.70	J	I	X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			7.30E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	4.30E-10±4.60E-10	U			1.41E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.61E-09±9.00E-10	J	I					

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/12/99
Depth to water: 6.51 ft (1.98 m) below TOC
Water elevation: 92.69 ft (28.25 m) msl
pH: 6.1
Sp. conductance: 63 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 45 gal

Time: 9:20
Water temperature: 19.7°C
Air temperature: 15.4°C
Total alkalinity (as CaCO3): 23 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	12.6	J	I		100	µg/L	EX	EPA6010B
2	Manganese, total recoverable	1,210				10.0	µg/L	EX	EPA6010B

WELL TNX 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 6.09 ft (1.86 m) below TOC
Water elevation: 88.81 ft (27.07 m) msl
pH: 5.3
Sp. conductance: 119 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 11:30
Water temperature: 18.5°C
Air temperature: 17.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	467				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Manganese, total recoverable	17.9				10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
1	Trichloroethylene	3.20	J	I	X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.60E-10±3.26E-10	U			7.22E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.22E-09±5.37E-10	J	I		1.00E-09	µCi/mL	GP	EPIA-001

WELL TNX 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 3.85 ft (1.17 m) below TOC
Water elevation: 88.95 ft (27.11 m) msl
pH: 5.1
Sp. conductance: 130 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 10:53
Water temperature: 19°C
Air temperature: 17.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	826				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	1.20	J	I	X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
1	Manganese, total recoverable	30.6				10.0	µg/L	EX	EPA6010B
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	2.46E-10±3.79E-10	U			7.99E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.30E-09±5.52E-10	J	I		1.03E-09	µCi/mL	GP	EPIA-001

WELL TNX 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 6.38 ft (1.94 m) below TOC
Water elevation: 86.72 ft (26.43 m) msl
pH: 4.8
Sp. conductance: 125 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 10:02
Water temperature: 18.1°C
Air temperature: 17.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	865				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B

Well TNX 14D collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			10.0	µg/L	EX	EPA6010B
2	Manganese, total recoverable	52.2			X	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	7.80			X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			6.90E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	5.18E-10±4.06E-10	U			9.54E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	-1.60E-10±3.36E-10	U			9.71E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.81E-09±5.65E-10	J	I		1.11E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.41E-09±5.92E-10	J	I					

WELL TNX 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 6.3 ft (1.92 m) below TOC
Water elevation: 87.1 ft (26.55 m) msl
pH: 4.8
Sp. conductance: 154 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 13:01
Water temperature: 19.3°C
Air temperature: 20.7°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	911				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			10.0	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0				10.0	µg/L	EX	EPA6010B
1	Manganese, total recoverable	32.6				0.500	µg/L	EX	EPA7470A
0	Mercury, total recoverable	<0.500	U	Q		500	µg/L	EX	EPA300.0
1	Nitrate as nitrogen	7,740	J	Q		500	µg/L	EX	EPA300.0
1	Nitrate-nitrite as nitrogen	7,740			X	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	36.0			X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	<5.00	U			9.80E-10	µCi/mL	TM	EPA900.0M
0	Trichlorofluoromethane	8.60E-10±6.60E-10	U			1.48E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.39E-09±9.20E-10	U						
0	Nonvolatile beta								

WELL TNX 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 7.27 ft (2.22 m) below TOC
Water elevation: 89.53 ft (27.29 m) msl
pH: 6.1
Sp. conductance: 78 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 14:19
Water temperature: 17.8°C
Air temperature: 18.2°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	8.50	J	I		100	µg/L	EX	EPA6010B
2	Manganese, total recoverable	2,030				10.0	µg/L	EX	EPA6010B

WELL TNX 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 2.98 ft (0.91 m) below TOC
Water elevation: 89.12 ft (27.16 m) msl
pH: 5.3
Sp. conductance: 119 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 12:12
Water temperature: 18.8°C
Air temperature: 18.1°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	719	J	I		100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	5.71				10.0	µg/L	EX	EPA6010B

WELL TNX 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 3.71 ft (1.13 m) below TOC
Water elevation: 88.99 ft (27.12 m) msl
pH: 5.4
Sp. conductance: 112 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 12:30
Water temperature: 18.8°C
Air temperature: 18.2°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	671				100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	14.3				10.0	µg/L	EX	EPA6010B

WELL TNX 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 4.35 ft (1.33 m) below TOC
Water elevation: 89.15 ft (27.17 m) msl
pH: 5.4
Sp. conductance: 94 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 12:45
Water temperature: 18.4°C
Air temperature: 18.3°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	260				100	µg/L	EX	EPA6010B
1	Manganese, total recoverable	47.3				10.0	µg/L	EX	EPA6010B

WELL TNX 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 3.19 ft (0.97 m) below TOC
Water elevation: 91.21 ft (27.8 m) msl
pH: 5.6
Sp. conductance: 104 µS/cm
Turbidity: 12 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 13:13
Water temperature: 19.4°C
Air temperature: 18.4°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	59.7	J	I		100	µg/L	EX	EPA6010B
2	Manganese, total recoverable	79.1				10.0	µg/L	EX	EPA6010B

WELL TNX 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99
Depth to water: 4.6 ft (1.4 m) below TOC
Water elevation: 88.4 ft (26.94 m) msl
pH: 5.6
Sp. conductance: 54 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 13:35
Water temperature: 18.7°C
Air temperature: 18.5°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	58.3	J	I		100	µg/L	EX	EPA6010B
1	Manganese, total recoverable	49.0				10.0	µg/L	EX	EPA6010B

WELL TNX 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 60.15 ft (18.33 m) below TOC
Water elevation: 94.95 ft (28.94 m) msl
pH: 5
Sp. conductance: 42 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 38 gal

Time: 9:09
Water temperature: 19.2°C
Air temperature: 5.9°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	7.49	J	I		100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
1	Manganese, total recoverable	48.1				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	120	J	Q		100	µg/L	EX	EPA300.0

Well TNX 23D collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nitrate as nitrogen	121	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	130	J	I		500	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	146	J	I		500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.81E-10±3.39E-10	U			7.54E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.43E-10±6.23E-10	U			1.33E-09	µCi/mL	GP	EPIA-001

WELL TNX 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 34.28 ft (10.45 m) below TOC
Water elevation: 108.62 ft (33.11 m) msl
pH: 5
Sp. conductance: 92 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 14:18
Water temperature: 21.7°C
Air temperature: 15.5°C
Total alkalinity (as CaCO3): 10 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	6.33	J	I		100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	<8.98	U		6	10.0	µg/L	EX	EPA6010B
0	Gross alpha	8.80E-10±5.50E-10	J	I		6.70E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.84E-09±8.70E-10	J	I		1.33E-09	µCi/mL	TM	EPA900.0M

WELL TNX 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 8.7 ft (2.65 m) below TOC
Water elevation: 92.1 ft (28.07 m) msl
pH: 5.8
Sp. conductance: 83 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 12:53
Water temperature: 18.7°C
Air temperature: 15.7°C
Total alkalinity (as CaCO3): 16 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	154				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
2	Manganese, total recoverable	86.5				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	<100	U			100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0

Well TNX 26D collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Gross alpha	9.69E-09±1.93E-09				1.27E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	5.63E-09±1.48E-09				2.03E-09	µCi/mL	TM	EPA900.0M

WELL TNX 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 16.83 ft (5.13 m) below TOC
Water elevation: 93.77 ft (28.58 m) msl
pH: 5.9
Sp. conductance: 73 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 12 gal

Time: 12:11
Water temperature: 20.3°C
Air temperature: 14.4°C
Total alkalinity (as CaCO3): 13 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	1.98	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	930	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	1,070				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	4.10E-10±4.90E-10	U			8.00E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.08E-09±9.80E-10	J	I		1.50E-09	µCi/mL	TM	EPA900.0M

WELL TNX 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 9.07 ft (2.76 m) below TOC
Water elevation: 90.73 ft (27.65 m) msl
pH: 5.3
Sp. conductance: 54 µS/cm
Turbidity: 10 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 9:27
Water temperature: 18.6°C
Air temperature: 2.3°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L

Well TNX 28D collected on 11/18/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	2.00	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	2.52E-09±1.22E-09	J	I		1.57E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	4.83E-09±1.33E-09				1.79E-09	µCi/mL	TM	EPA900.0M

WELL TNX 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 9.27 ft (2.83 m) below TOC
Water elevation: 90.93 ft (27.72 m) msl
pH: 4.6
Sp. conductance: 84 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 6 gal

Time: 8:30
Water temperature: 16.5°C
Air temperature: 0°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	0.870	J	I		5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	12.0				5.00	µg/L	EX	EPA8260B

Well TNX 29D collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	2.31E-09±8.90E-10				2.40E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	4.04E-09±1.31E-09	J	I		1.84E-09	µCi/mL	TM	EPA900.0M

WELL TNX 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 10.94 ft (3.33 m) below TOC
Water elevation: 92.06 ft (28.06 m) msl
pH: 4.5
Sp. conductance: 133 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 10:34
Water temperature: 17.1°C
Air temperature: 5.8°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	0.690	J	I		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	29.0				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Gross alpha	1.60E-08±2.73E-09				1.57E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	8.98E-09±1.60E-09				1.83E-09	µCi/mL	TM	EPA900.0M

WELL TNX 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 10.83 ft (3.3 m) below TOC
Water elevation: 92.07 ft (28.06 m) msl
pH: 5
Sp. conductance: 131 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 10:47
Water temperature: 19.7°C
Air temperature: 12.3°C
Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TNX 31D collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Trichloroethylene	4.30	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	5.39E-09±1.68E-09				1.55E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	4.43E-09±1.39E-09	J	I		1.93E-09	µCi/mL	TM	EPA900.0M

WELL TNX 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 9.16 ft (2.79 m) below TOC
Water elevation: 92.04 ft (28.05 m) msl
pH: 5.3
Sp. conductance: 125 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 4 gal

Time: 11:20
Water temperature: 18.7°C
Air temperature: 9.6°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	15.0				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.45E-09±9.50E-10	J	I		1.25E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.78E-09±1.21E-09	J	I		1.65E-09	µCi/mL	TM	EPA900.0M

WELL TNX 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 8.77 ft (2.67 m) below TOC
Water elevation: 92.13 ft (28.08 m) msl
pH: 5.4
Sp. conductance: 115 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 4 gal

Time: 11:49
Water temperature: 19.9°C
Air temperature: 11.6°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	6.70				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	2.00E-10±8.00E-10	U			1.54E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.52E-09±1.20E-09	U			1.95E-09	µCi/mL	TM	EPA900.0M

WELL TNX 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 8.07 ft (2.46 m) below TOC
Water elevation: 92.13 ft (28.08 m) msl
pH: 5.6
Sp. conductance: 84 µS/cm
Turbidity: 9 NTU
Water evacuated from the well prior to sampling: 5 gal

Time: 12:00
Water temperature: 19.3°C
Air temperature: 11.8°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TNX 34D collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.00E-09±8.60E-10	U			1.29E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.31E-09±1.13E-09	J	I		1.71E-09	µCi/mL	TM	EPA900.0M

WELL TNX 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 7.83 ft (2.39 m) below TOC
Water elevation: 92.07 ft (28.06 m) msl
pH: 5.6
Sp. conductance: 71 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 12:45
Water temperature: 19.7°C
Air temperature: 13.9°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	2.56E-09±1.01E-09	J	I		8.50E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.25E-09±1.20E-09	J	I		1.71E-09	µCi/mL	TM	EPA900.0M

WELL TNX 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 7.85 ft (2.39 m) below TOC
Water elevation: 92.05 ft (28.06 m) msl
pH: 5.6
Sp. conductance: 69 µS/cm
Turbidity: 9 NTU
Water evacuated from the well prior to sampling: 7 gal

Time: 13:59
Water temperature: 19°C
Air temperature: 14.7°C
Total alkalinity (as CaCO3): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L

Well TNX 36D collected on 11/18/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	3.68E-09±1.20E-09				1.03E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	5.16E-09±1.23E-09				1.53E-09	µCi/mL	TM	EPA900.0M

WELL TNX 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 8.47 ft (2.58 m) below TOC
Water elevation: 92.23 ft (28.11 m) msl
pH: 5.3
Sp. conductance: 56 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 14:05
Water temperature: 19.8°C
Air temperature: 14.7°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TNX 37D collected on 11/18/99 (cont.)

0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.35E-09±9.00E-10	J	I		1.26E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	4.44E-09±1.34E-09	J	I		1.88E-09	µCi/mL	TM	EPA900.0M

WELL TRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 70.2 ft (21.4 m) below TOC
Water elevation: 86.1 ft (26.24 m) msl
pH: 5
Sp. conductance: 90 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 11:15
Water temperature: 21°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	913				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Carbon tetrachloride	6.50			X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	7.30			X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
1	Manganese, total recoverable	41.5				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.391	J	I		0.500	µg/L	EX	EPA7470A
1	Nitrate as nitrogen	5,700	J	Q		100	µg/L	EX	EPA300.0
1	Nitrate-nitrite as nitrogen	5,700				100	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	76.0			X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.89E-09±8.90E-10	J	I		1.15E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.15E-09±1.00E-09	J	I		1.55E-09	µCi/mL	TM	EPA900.0M

WELL TRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 66.92 ft (20.4 m) below TOC
Water elevation: 87.38 ft (26.63 m) msl
pH: 5.1
Sp. conductance: 71 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 11:25
Water temperature: 20.5°C
Air temperature: 23.5°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	60.9	J	I		100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
1	Carbon tetrachloride	3.40	J	I	X	5.00	µg/L	EX	EPA8260B

Well TRW 2 collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	1.20	J	I	X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
2	Manganese, total recoverable	73.0				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.458	J	I		0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	3,650	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	3,650				100	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	53.0			X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.95E-09±7.40E-10	J	I		7.30E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	4.04E-09±1.04E-09				1.41E-09	µCi/mL	TM	EPA900.0M

WELL TRW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 71.8 ft (21.88 m) below TOC
Water elevation: 82.7 ft (25.21 m) msl
pH: 5.5
Sp. conductance: 56 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 11:00
Water temperature: 21.1°C
Air temperature: 21.3°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	1.30	J	I	X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	5.11	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	1,380	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	1,380				100	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B

Well TRW 3 collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	62.0			X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Gross alpha	2.14E-09±7.50E-10				6.40E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.68E-09±9.20E-10	J	I		1.32E-09	µCi/mL	TM	EPA900.0M

WELL TRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99
Depth to water: Not available
Water elevation: Not available
pH: 5.5
Sp. conductance: 87 µS/cm
Turbidity: 16 NTU
The well was continuously pumping.

Time: 13:05
Water temperature: 20.9°C
Air temperature: 25.8°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Boron, total recoverable	8.56	J	I		100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Bromoform	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Bromomethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Chlorobenzene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Chloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<25.0	U			25.0	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Chloroform	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Chloromethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Dichloromethane	<34.0	U	V		50.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Ethylbenzene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
2	Manganese, total recoverable	61.7				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
1	Nitrate as nitrogen	6,820	J	Q		500	µg/L	EX	EPA300.0
1	Nitrate as nitrogen	6,840	J	Q		500	µg/L	EX	EPA300.0
1	Nitrate-nitrite as nitrogen	6,860				500	µg/L	EX	EPA300.0
1	Nitrate-nitrite as nitrogen	6,830				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Toluene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
2	Trichloroethylene	190				25.0	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Gross alpha	5.51E-09±1.19E-09				1.80E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	6.43E-09±9.10E-10				9.00E-11	µCi/mL	TM	EPA900.0M

WELL XSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 61.98 ft (18.89 m) below TOC
Water elevation: 94.02 ft (28.66 m) msl
pH: 5
Sp. conductance: 87 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 99 gal

Time: 10:11
Water temperature: 20.4°C
Air temperature: 17°C
Total alkalinity (as CaCO3): 7 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

Well XSB 1A collected on 11/17/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	529				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	19.8				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	1,740	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	1,640				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	2.56E-09±9.30E-10	J	I		1.02E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.83E-09±9.00E-10	J	I		1.38E-09	µCi/mL	TM	EPA900.0M

WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 57.1 ft (17.4 m) below TOC
Water elevation: 98.8 ft (30.11 m) msl
pH: 5.3
Sp. conductance: 34 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 137 gal

Time: 10:23
Water temperature: 20°C
Air temperature: 18.4°C
Total alkalinity (as CaCO3): 4 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well XSB 1B collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	19.0				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	<100	JU	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	5.10E-10±5.20E-10	U			8.40E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.55E-09±9.30E-10	J	I		1.48E-09	µCi/mL	TM	EPA900.0M

WELL XSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 61.95 ft (18.88 m) below TOC
Water elevation: 94.05 ft (28.67 m) msl
pH: 5.1
Sp. conductance: 72 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 9:21
Water temperature: 20.7°C
Air temperature: 11.7°C
Total alkalinity (as CaCO3): 3 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	235				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	1.94	J	I		10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	7.91	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	4,220	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	4,220				100	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	200				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	5.10E-10±4.90E-10	U			7.50E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.74E-09±9.10E-10	J	I		1.42E-09	µCi/mL	TM	EPA900.0M

WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 60.71 ft (18.5 m) below TOC
Water elevation: 94.09 ft (28.68 m) msl
pH: 5.3
Sp. conductance: 132 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 19 gal

Time: 13:29
Water temperature: 21°C
Air temperature: 16.3°C
Total alkalinity (as CaCO3): 11 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	666				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	4.69	J	I		10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	11.7				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	4,130	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	3,920				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	8.70				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Actinium-228	6.67E-09±5.52E-09	U			1.08E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	1.32E-09±3.78E-09	U			6.58E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	8.63E-10±8.55E-09	U			1.50E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	2.79E-10±1.40E-09	U			2.26E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	6.03E-09±2.13E-09	R		4	4.18E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-2.05E-10±1.05E-09	U			1.82E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.21E-09±1.50E-09	U			3.05E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			1.52E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	<0.00E+00	U			1.38E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.60E-11±9.23E-11	U			1.38E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.11E-09±4.07E-09	U			7.05E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3.34E-09±4.70E-09	U			8.53E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.25E-09±4.06E-09	U			7.30E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	9.43E-10±6.54E-10	U			1.04E-09	µCi/mL	GP	EPIA-001
0	Lead-212	3.14E-09±2.52E-09	U			4.53E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-4.78E-10±1.36E-09	U			2.34E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.12E-09±7.35E-10	J	I		1.28E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	1.29E-09±3.85E-08	U			2.57E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.23E-09±1.27E-09	U			2.06E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.11E-09±1.61E-09	U			2.91E-09	µCi/mL	GP	EPIA-013
0	Radium-226	1.24E-09±7.75E-10	U	V		9.53E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.59E-09±5.37E-10	J	I		9.43E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-7.59E-11±1.14E-08	U			2.07E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.20E-09±1.68E-09	U			3.05E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-4.73E-12±6.81E-10	U			1.57E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-3.94E-09±9.77E-09	U			2.06E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.83E-12±2.13E-10	U			5.38E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	8.75E-12±6.77E-11	U			2.17E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	2.38E-11±6.44E-11	U			1.65E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.24E-06±4.35E-07	J	I		6.63E-07	µCi/mL	GP	EPIA-002

Well XSB 2D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Uranium-233/234	1.76E-11±6.65E-11	U			1.78E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	5.02E-11±7.87E-11	U			1.53E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	5.53E-11±7.78E-11	U			1.37E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	7.48E-10±1.43E-09	U			2.98E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.35E-10±3.09E-09	U			5.42E-09	µCi/mL	GP	EPIA-013

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 61.36 ft (18.7 m) below TOC
Water elevation: 95.64 ft (29.15 m) msl
pH: 5.3
Sp. conductance: 112 µS/cm
Turbidity: 4 NTU
Water evacuated from the well prior to sampling: 34 gal

Time: 10:48
Water temperature: 20.4°C
Air temperature: 22.8°C
Total alkalinity (as CaCO3): 9 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	333				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Lead, total recoverable	64.9				10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	13.0				10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	4,060	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	3,960				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	5.70				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Actinium-228	6.57E-09±6.21E-09	U			1.18E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	5.54E-09±8.36E-09	U			1.11E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	1.95E-09±5.31E-09	U			8.18E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.72E-09±4.06E-09	U			7.05E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	5.16E-09±1.25E-08	U			2.07E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	8.01E-09±1.10E-08	U			1.94E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.53E-10±1.64E-09	U			2.44E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.69E-09±1.60E-09	U			2.57E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	8.46E-11±1.55E-09	U			2.78E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-8.73E-10±1.52E-09	U			2.55E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.75E-09±1.59E-09	U			2.48E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	5.74E-10±1.29E-09	U			2.28E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.89E-09±3.09E-09	U			3.09E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2.02E-10±1.50E-09	U			2.72E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.23E-11±2.47E-11	U			2.71E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	4.69E-11±9.41E-11	U			1.41E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	-1.12E-11±2.25E-11	U			2.47E-10	µCi/mL	GP	EPIA-011
0	Europium-152	8.58E-10±4.89E-09	U			8.47E-09	µCi/mL	GP	EPIA-013
0	Europium-152	7.31E-09±8.82E-09	U			8.28E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.79E-10±4.11E-09	U			7.62E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.50E-09±4.98E-09	U			8.15E-09	µCi/mL	GP	EPIA-013

Well XSB 3A collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Europium-155	3.93E-09±6.66E-09	U			1.12E-08	µCi/mL	GP	EPIA-013
0	Europium-155	4.59E-09±5.62E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
1	Gross alpha	8.85E-09±1.66E-09	J	K	C	1.19E-09	µCi/mL	GP	EPIA-001
0	Lead-212	1.43E-09±4.38E-09	U			5.64E-09	µCi/mL	GP	EPIA-013
0	Lead-212	1.00E-09±4.29E-09	U			4.69E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-9.94E-10±1.56E-09	U			2.61E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	2.12E-10±1.58E-09	U			2.79E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	6.93E-09±1.08E-09				1.42E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.65E-08±3.19E-08	J	I		2.74E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	6.67E-08±2.93E-08	J	I		2.82E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.08E-09±1.38E-09	U			2.31E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	6.57E-10±1.62E-09	U			2.91E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	8.53E-10±2.41E-09	U			3.72E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.65E-09±1.94E-09	U			3.73E-09	µCi/mL	GP	EPIA-013
0	Radium-226	8.74E-10±5.42E-10	U	V		2.37E-10	µCi/mL	GP	EPIA-008
0	Radium-228	9.66E-11±3.61E-10	U			7.56E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-7.60E-09±1.38E-08	U			2.36E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.37E-09±1.27E-08	U			2.23E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.55E-10±1.48E-09	U			2.72E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	8.95E-10±1.78E-09	U			2.50E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-3.87E-10±7.35E-10	U			1.76E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1.01E-09±9.63E-09	U			1.98E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-7.91E-11±1.31E-10	U			4.37E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	8.48E-11±1.09E-10	U			1.62E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.60E-11±6.50E-11	U			1.91E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.42E-06±4.49E-07	J	I		6.74E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.40E-09±5.56E-10				1.98E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.28E-10±1.20E-10	U			1.78E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.43E-09±5.60E-10				1.78E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-8.72E-10±1.95E-09	U			3.35E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.23E-09±1.39E-09	U			3.11E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	5.81E-09±4.14E-09	U			7.39E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	4.97E-10±3.98E-09	U			9.73E-09	µCi/mL	GP	EPIA-013

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Depth to water: 60.54 ft (18.45 m) below TOC
Water elevation: 94.36 ft (28.76 m) msl
pH: 5.5
Sp. conductance: 93 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 37 gal

Time: 13:06
Water temperature: 20.9°C
Air temperature: 23°C
Total alkalinity (as CaCO3): 12 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	177	J	I		266	µg/L	WA	EPA6010B
0	Boron, total recoverable	198				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Bromomethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	LQ	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	LQ	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	Q		10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	LQ	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	LQ	O	10.0	µg/L	WA	EPA8260B

Well XSB 4D collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Chloroethyl vinyl ether	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	LQ	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	3.10	J	I		7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	2.82	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.140	J	I		0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
2	Nitrate as nitrogen	43,800				2,000	µg/L	WA	EPA353.2
2	Nitrate as nitrogen	44,600				2,000	µg/L	WA	EPA353.2
0	Nitrate as nitrogen	3,200	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	3,610				200	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	3,200				100	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	1.68	J	IKQ	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	1.38	J	ILQ	O	5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	2.60	J	IQ		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	Q		5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	LQ	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Actinium-228	7.40E-09±8.04E-09	U			1.55E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	1.11E-08±1.12E-08	U			1.55E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	8.60E-10±1.19E-08	U			2.23E-08	µCi/mL	TM	EPA901.1M
0	Actinium-228	7.97E-09±1.33E-08	U			2.57E-08	µCi/mL	TM	EPA901.1M
0	Antimony-124	9.80E-10±4.47E-09	U			7.45E-09	µCi/mL	TM	EPA901.1M
0	Antimony-124	2.91E-09±4.25E-09	U			8.03E-09	µCi/mL	TM	EPA901.1M

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Well XSB 4D collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	3.38	J	I		10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	3,350	J	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	3,350				100	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	2.00	J	I	X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	1.90	J	IQ		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Actinium-228	6.26E-09±7.23E-09	U			1.41E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-9.48E-10±5.70E-09	U			9.71E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.12E-08±1.56E-08	U			2.47E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.30E-10±1.98E-09	U			2.99E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.49E-09±2.22E-09	U			3.18E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-5.60E-10±1.98E-09	U			3.22E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.47E-10±2.00E-09	U			3.80E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-9.88E-12±1.98E-11	U			2.17E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	<0.00E+00	U			1.14E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			1.13E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-4.97E-09±5.97E-09	U			9.73E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-4.58E-09±5.45E-09	U			9.06E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.45E-09±8.01E-09	U			1.35E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.27E-09±5.30E-10	J	I		5.76E-10	µCi/mL	GP	EPIA-001
0	Lead-212	8.13E-09±4.52E-09	J	I		6.21E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	5.05E-10±1.74E-09	U			3.26E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.71E-09±5.59E-10	J	I		9.63E-10	µCi/mL	GP	EPIA-001
0	Potassium-40	2.66E-08±3.55E-08	U			4.26E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.11E-09±1.79E-09	U			3.05E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.79E-09±2.58E-09	U			4.81E-09	µCi/mL	GP	EPIA-013
0	Radium-226	1.17E-09±7.24E-10	U	V		8.33E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.05E-09±4.03E-10	J	I		7.12E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-1.69E-09±1.62E-08	U			2.92E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-2.08E-09±2.00E-09	U			3.22E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.43E-10±5.11E-10	U			1.15E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-3.95E-09±9.80E-09	U			2.06E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-9.78E-11±2.30E-10	U			6.54E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.03E-11±7.99E-11	U			2.56E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	<0.00E+00	U			1.11E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.55E-06±4.26E-07				6.26E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	9.69E-11±1.18E-10	U			2.06E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-2.46E-11±2.48E-11	U			1.93E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	8.98E-11±1.04E-10	U			1.59E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.39E-09±1.99E-09	U			4.26E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.54E-09±4.40E-09	U			6.39E-09	µCi/mL	GP	EPIA-013

WELL XSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99
Depth to water: 17.87 ft (5.45 m) below TOC
Water elevation: 94.13 ft (28.69 m) msl
pH: 5.3
Sp. conductance: 139 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 34 gal

Time: 15:28
Water temperature: 20.1°C
Air temperature: 15°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Boron, total recoverable	300				100	µg/L	EX	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Lead, total recoverable	20.8				10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	14.2				10.0	µg/L	EX	EPA6010B
1	Mercury, total recoverable	1.51				0.500	µg/L	EX	EPA7470A
1	Nitrate as nitrogen	9,870				500	µg/L	EX	EPA300.0
2	Nitrate-nitrite as nitrogen	10,300				500	µg/L	EX	EPA300.0
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	16.0				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Gross alpha	2.29E-09±1.15E-09	J	I		1.40E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.25E-09±1.21E-09	J	I		1.73E-09	µCi/mL	TM	EPA900.0M

WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Depth to water: 44.35 ft (13.52 m) below TOC
Water elevation: 101.15 ft (30.83 m) msl
pH: 5.3
Sp. conductance: 33 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 53 gal

Time: 10:37
Water temperature: 21.4°C
Air temperature: 29.1°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	7.11	J	I		100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	2.45	J	I		10.0	µg/L	EX	EPA6010B

WELL YSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/12/99
Depth to water: 45.01 ft (13.72 m) below TOC
Water elevation: 99.69 ft (30.39 m) msl
pH: 5.5
Sp. conductance: 33 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 36 gal

Time: 12:18
Water temperature: 19.8°C
Air temperature: 16.2°C
Total alkalinity (as CaCO3): 6 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	37.8	J	I		100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	1.83	J	I		10.0	µg/L	EX	EPA6010B

WELL YSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 26.25 ft (8 m) below TOC
Water elevation: 117.65 ft (35.86 m) msl
pH: 6.1
Sp. conductance: 86 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 97 gal

Time: 12:54
Water temperature: 20.6°C
Air temperature: 14.7°C
Total alkalinity (as CaCO3): 29 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	621				266	µg/L	WA	EPA6010B
0	Boron, total recoverable	766				100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	4.70	J	I		7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	<3.28	U		6	10.0	µg/L	EX	EPA6010B

WELL YSB 3A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Depth to water: 26.25 ft (8 m) below TOC
Water elevation: 117.65 ft (35.86 m) msl
pH: 6.1
Sp. conductance: 86 µS/cm
Turbidity: 11 NTU
Water evacuated from the well prior to sampling: 97 gal

Time: 12:54
Water temperature: 20.6°C
Air temperature: 14.7°C
Total alkalinity (as CaCO3): 29 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	773				100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	<7.76	U		6	10.0	µg/L	EX	EPA6010B

WELL YSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/12/99
Depth to water: 45.39 ft (13.84 m) below TOC
Water elevation: 99.21 ft (30.24 m) msl
pH: 5.4
Sp. conductance: 47 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 11:35
Water temperature: 22°C
Air temperature: 15.9°C
Total alkalinity (as CaCO3): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	188				100	µg/L	EX	EPA6010B
0	Manganese, total recoverable	8.82	J	I		10.0	µg/L	EX	EPA6010B

WELL YSC 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99
Depth to water: 70.19 ft (21.39 m) below TOC
Water elevation: 213.81 ft (65.17 m) msl
pH: 5.9
Sp. conductance: 20 µS/cm
Turbidity: 45 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 9:50
Water temperature: 19.8°C
Air temperature: 19.8°C
Total alkalinity (as CaCO3): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,470	J	K	I	146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	2,430	J	K	I	146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
2	Iron, total recoverable	10,600	J	L	I	74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	10,500	J	L	I	74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	10,300				74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.00				2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	2.90				2.70	µg/L	WA	EPA6010B
2	Manganese, total recoverable	220				7.80	µg/L	WA	EPA6010B
2	Manganese, total recoverable	219				7.80	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	745				20.0	µg/L	WA	EPA353.2
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Total organic halogens	<12.5	U	V		120	µg/L	WA	EPA9020B

NOTES

Appendix C. Sampling Blanks Results

This section presents the analytical results for sampling blanks analyzed during fourth quarter 1999.

NOTES

WELL QA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/99
Water temperature: 21.5°C
Air temperature: 20.4°C
pH: 4.8
Sp. conductance: 2 µS/cm
Turbidity: 0 NTU

Time: 10:13

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.242	JU	I	46	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.94	J	I	6	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.09	J	I	6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.87	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.85	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	1.13			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	1.15			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.134	JU	I	46	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	8.34	J	I	6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.64E-10±2.66E-10	U			5.65E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.67E-09±7.89E-10			6	1.19E-09	µCi/mL	GP	EPIA-001
0	Tritium	-2.47E-07±2.98E-07	U			5.40E-07	µCi/mL	GP	EPIA-002

WELL QA 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99
Water temperature: 15.3°C
Air temperature: 17.1°C
pH: 5.4
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 11:00

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0280	J	I	6	0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.06	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	10.0	J	IQ	6	50.0	µg/L	GE	EPA353.1
0	pH	5.69	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.69	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	1.19				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.49E-10±2.36E-10	U			4.44E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.16E-10±5.24E-10	U			1.01E-09	µCi/mL	GP	EPIA-001
0	Tritium	-3.07E-07±3.38E-07	U			6.17E-07	µCi/mL	GP	EPIA-002

WELL QA 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Water temperature: 21.3°C
Air temperature: 16.7°C
pH: 5
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 9:07

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.396	JU	I	46	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	0.818	J	I	6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<60.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.76	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	1.23			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	-1.30E-10±2.72E-10	U			7.82E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-6.95E-11±6.67E-10	U			1.55E-09	µCi/mL	GP	EPIA-001
0	Tritium	-1.80E-07±3.01E-07	U			5.41E-07	µCi/mL	GP	EPIA-002

WELL QA 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/08/99
Water temperature: 21.6°C
Air temperature: 19.8°C
pH: 5
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 9:17

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.245	UJ	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.69	J	I	6	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<2.00	UJ			2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	3.15			6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.70	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.66	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	1.31			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	1.34			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	UJ			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	3.34	J	I	6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	UJ			10.0	µg/L	GE	EPA6020
0	Gross alpha	1.32E-09±6.30E-10	J	I	6	7.20E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.64E-09±1.02E-09	J	K	C6	1.60E-09	µCi/mL	GP	EPIA-001
0	Tritium	5.48E-07±3.43E-07	U			5.53E-07	µCi/mL	GP	EPIA-002

WELL QA 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/99
Water temperature: 22.5°C
Air temperature: 18.9°C
pH: 5.1
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 11:57

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	1.28	J	I	6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	19.9	J	I	6	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.09	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.09	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	1.02			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	0.980	J	I	6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	3.39E-10±3.37E-10	U			5.65E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.91E-10±5.33E-10	U			1.09E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.59E-07±3.19E-07	U			5.44E-07	µCi/mL	GP	EPIA-002

WELL QA 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/05/99
Water temperature: 24.7°C
Air temperature: 17.5°C
pH: 4.5
Sp. conductance: 4 µS/cm
Turbidity: 0 NTU

Time: 8:32

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.77	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.74	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.07			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	1.04			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-9.07E-12±2.03E-10	U			5.42E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.09E-10±4.68E-10	U			9.62E-10	µCi/mL	GP	EPIA-001
0	Tritium	-3.21E-07±3.70E-07	U		5	6.72E-07	µCi/mL	GP	EPIA-002

WELL QA 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/99
Water temperature: 23.8°C
Air temperature: 22.3°C
pH: 4.2
Sp. conductance: 32 µS/cm
Turbidity: 1 NTU

Time: 11:21

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

Well QA 14D collected on 10/04/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	4.09	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.08	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	28.5			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	28.7			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-2.42E-11±2.70E-10	U			6.47E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.52E-10±5.65E-10	U			1.19E-09	µCi/mL	GP	EPIA-001
0	Tritium	6.39E-08±3.37E-07	U			5.84E-07	µCi/mL	GP	EPIA-002

WELL QA 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/07/99
Water temperature: 15°C
Air temperature: 21.6°C
pH: 5.1
Sp. conductance: 4 µS/cm
Turbidity: 0 NTU

Time: 10:24

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.38	J	I	6	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.15	J	I	6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<50.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	4.84	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.85	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	3.98			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	4.01			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	13.4			6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	5.31E-10±3.28E-10	J	I	6	4.23E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.05E-11±4.71E-10	U			1.05E-09	µCi/mL	GP	EPIA-001
0	Tritium	-1.46E-07±3.63E-07	U			6.47E-07	µCi/mL	GP	EPIA-002

WELL QA 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/15/99
Water temperature: 23.8°C
Air temperature: 24.1°C
pH: 8.3
Sp. conductance: 1 µS/cm
Turbidity: 1 NTU

Time: 9:57

Total alkalinity (as CaCO3): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): H

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	20.0	J	I	6	50.0	µg/L	GE	EPA353.1
0	pH	6.00	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.00	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	0.900	J	I	6	1.00	µS/cm	GE	EPA9050A

Well QA 18D collected on 10/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Specific conductance	0.890	J	I	6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-9.88E-11±2.07E-10	U			6.24E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.19E-11±4.69E-10	U			1.05E-09	µCi/mL	GP	EPIA-001
0	Tritium	-2.97E-07±3.26E-07	U			5.93E-07	µCi/mL	GP	EPIA-002

WELL QA 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Water temperature: 22.4°C
Air temperature: 20.6°C
pH: 5.1
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 8:39

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.76	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.19			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.27E-10±2.36E-10	U			4.22E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.67E-10±5.11E-10	U			1.12E-09	µCi/mL	GP	EPIA-001
0	Tritium	-9.21E-08±3.64E-07	U			6.44E-07	µCi/mL	GP	EPIA-002

WELL QA 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/99
Water temperature: 18.8°C
Air temperature: 27.5°C
pH: 5.1
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 13:32

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.80	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.78	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.08			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	1.04			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-1.24E-10±5.09E-10	U			1.28E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-2.93E-10±5.92E-10	U			1.44E-09	µCi/mL	GP	EPIA-001
0	Tritium	-6.14E-08±2.90E-07	U			5.14E-07	µCi/mL	GP	EPIA-002

WELL QA 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/99
Water temperature: 22.4°C
Air temperature: 20.8°C
pH: 5.1
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 9:27

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.36	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.33	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.14			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	1.09			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.52E-10±2.86E-10	U			6.12E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.75E-10±3.17E-10	U			6.87E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.45E-10±4.94E-10	U			1.01E-09	µCi/mL	GP	EPIA-001

Well QA 24D collected on 10/12/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nonvolatile beta	5.56E-13±4.97E-10	U			1.12E-09	µCi/mL	GP	EPIA-001
0	Tritium	-9.18E-08±3.63E-07	U			6.42E-07	µCi/mL	GP	EPIA-002

WELL QA 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Water temperature: 21.5°C
Air temperature: 14.5°C
pH: 7.5
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 16:26

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	9.83	J	I	6	26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<0.920	U	V		1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<14.1	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	160	J	I	6	340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	35,000	J	I	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	191	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	4.68E-09±8.70E-09	U			1.48E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	0.00E+00±8.49E-09	U			1.47E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	1.52E-10±3.03E-10	U			6.30E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-1.60E-10±5.73E-10	U			1.37E-09	µCi/mL	GP	EPIA-001
0	Radium-226	4.22E-10±5.49E-10	U			9.11E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.05E-10±5.08E-10	U			1.03E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.58E-10±5.41E-10	U			1.22E-09	µCi/mL	GP	EPIA-004
0	Tritium	-2.40E-07±3.70E-07	U			6.68E-07	µCi/mL	GP	EPIA-002

WELL QA 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Time: 9:34

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<13.4	U		6	13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<1.80	U			1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B

Well QA 36D collected on 11/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	<340	U			340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	16,000	J	IQ	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	222	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U		X	120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-4.89E-09±7.02E-09	U			1.25E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	1.38E-10±2.51E-10	U			5.55E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.18E-10±4.99E-10	U			1.13E-09	µCi/mL	GP	EPIA-001
0	Radium-226	9.00E-10±6.50E-10	J	I	6	7.38E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-6.35E-11±3.39E-10	U			7.85E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	7.56E-11±7.99E-10	U			1.82E-09	µCi/mL	GP	EPIA-004
0	Tritium	-3.23E-07±3.42E-07	U			6.26E-07	µCi/mL	GP	EPIA-002

WELL QA 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99
Water temperature: 20°C
Air temperature: 18.6°C
pH: 7.6
Sp. conductance: 3 µS/cm
Turbidity: 0 NTU

Time: 8:11

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<4.91	U		6	13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<4.00	U	V		40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<1.80	U			1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<9.50	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	<340	U			340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	19,000	J	I	6	50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	16,000	J	I	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	257	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic carbon	245	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B

WELL QA 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/20/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

Well QA 38D collected on 11/20/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	-7.98E-10±5.31E-09	U			9.20E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.77E-10±3.76E-10	U			8.53E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.51E-10±5.29E-10	U			1.19E-09	µCi/mL	GP	EPIA-001
0	Radium-226	3.85E-10±5.97E-10	U			1.04E-09	µCi/mL	GP	EPIA-008
0	Radium-226	2.77E-10±5.43E-10	U			9.96E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.53E-10±4.30E-10	U			8.94E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	7.94E-11±6.18E-10	U			1.41E-09	µCi/mL	GP	EPIA-004
0	Tritium	0.00E+00±3.54E-07	U			6.19E-07	µCi/mL	GP	EPIA-002

WELL QA 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Water temperature: 21.3°C
Air temperature: 7.1°C
pH: 5.2
Sp. conductance: 5 µS/cm
Turbidity: 0 NTU

Time: 9:57

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<8.80	U		6	13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	0.740	J	I	6	1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<2.50	U	V		15.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.620	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	<340	U			340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	7,000	J	I	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<377	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.01E-09±5.18E-09	U			9.05E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.76E-10±2.33E-10	U			4.65E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-3.03E-10±4.07E-10	U			9.75E-10	µCi/mL	GP	EPIA-001
0	Radium-226	2.74E-10±3.10E-10	U			2.48E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.56E-10±5.14E-10	U			1.02E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.28E-10±4.62E-10	U			1.05E-09	µCi/mL	GP	EPIA-004
0	Tritium	-2.28E-07±3.29E-07	U			5.91E-07	µCi/mL	GP	EPIA-002

WELL QA 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Water temperature: 21.3°C
Air temperature: 9.8°C
pH: 5.2
Sp. conductance: 5 µS/cm
Turbidity: 0 NTU

Time: 12:05

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<4.11	U	V		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B

Well QA 42D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	0.480	J	I	6	1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	0.560	J	I	6	4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<2.50	U	V		15.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.990	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	<340	U			340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	10,000	J	I	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<282	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.77E-09±5.35E-09	U			9.13E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.34E-10±1.83E-10	U			3.57E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.00E-12±3.94E-10	U			8.37E-10	µCi/mL	GP	EPIA-001
0	Radium-226	9.47E-10±6.96E-10	J	I	6	9.29E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.33E-10±2.97E-10	U			6.00E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.75E-10±4.88E-10	U			1.04E-09	µCi/mL	GP	EPIA-004
0	Tritium	-2.62E-07±3.23E-07	U			5.83E-07	µCi/mL	GP	EPIA-002

WELL QA 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<3.91	U	V	6	13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<0.400	U	V	6	1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.90	J	I	6	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<46.8	U	V	6	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<1.60	U	V	6	5.00	µg/L	WA	EPA6010B
0	Sulfate	<340	U			340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	9,000	J	I	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U		X	120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	7.50E-10±6.12E-09	U			1.05E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	9.98E-10±6.26E-09	U			1.08E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	9.29E-11±1.83E-10	U			4.05E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-1.21E-10±4.30E-10	U			9.90E-10	µCi/mL	GP	EPIA-001
0	Radium-226	8.88E-11±4.61E-10	U			9.58E-10	µCi/mL	GP	EPIA-008
0	Radium-226	9.18E-11±4.76E-10	U			9.90E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.92E-10±4.66E-10	U			9.97E-10	µCi/mL	GP	EPIA-009
0	Radium-228	3.32E-10±3.57E-10	U			7.17E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	3.93E-10±6.47E-10	U			1.41E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-3.45E-10±4.36E-10	U			1.09E-09	µCi/mL	GP	EPIA-004
0	Tritium	-5.02E-07±3.39E-07	U			6.34E-07	µCi/mL	GP	EPIA-002
0	Tritium	-1.74E-07±3.49E-07	U			6.25E-07	µCi/mL	GP	EPIA-002

WELL QA 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99
Water temperature: 22.1°C
Air temperature: 27.2°C
pH: 8.5
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 14:34

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

Well QA 46D collected on 11/10/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	21.7	J	I	6	26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	20.1	J	I	6	146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<4.40	U	V		27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<0.570	U	V		1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	1.50	J	I	6	15.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	12.4	J	I	6	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	<340	JU		X	340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	29,000	J	IL	C6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	326	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U		X	120	µg/L	WA	EPA9020B
0	Total organic halogens	<120	U	V		120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.02E-09±4.17E-09	U			7.03E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.49E-11±2.58E-10	U			6.61E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-6.80E-10±5.28E-10	U			1.40E-09	µCi/mL	GP	EPIA-001
0	Radium-226	4.00E-10±4.89E-10	U			8.03E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.75E-11±5.89E-10	U			1.31E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-8.46E-11±4.68E-10	U			1.06E-09	µCi/mL	GP	EPIA-004
0	Tritium	-2.53E-07±3.30E-07	U			6.01E-07	µCi/mL	GP	EPIA-002

WELL QA 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/99
Water temperature: 23.2°C
Air temperature: 21.5°C
pH: 7.5
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 15:02

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachlorodibenzo-p-dioxins	<1.50	U			1.50	ng/L	WA	EPA8280A
0	Hexachlorodibenzo-p-furans	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-dioxins	<2.20	U			2.20	ng/L	WA	EPA8280A
0	Pentachlorodibenzo-p-furans	<1.70	U			1.70	ng/L	WA	EPA8280A
0	2,3,7,8-TCDD	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-dioxins	<1.20	U			1.20	ng/L	WA	EPA8280A
0	Tetrachlorodibenzo-p-furans	<1.10	U			1.10	ng/L	WA	EPA8280A
1	Acenaphthene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	Acenaphthylene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Acetophenone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetophenone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C

Well QA 48D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Aldrin	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	Alkalinity (as CaCO3)	<3.91	U	V		13.4	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	<3.72	U	V		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<43.9	U	V		146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Aminobiphenyl	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Aniline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aniline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	Anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Aramite	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	Aramite	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Aramite	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<1.80	U			1.80	µg/L	WA	EPA6010B
0	alpha-Benzene hexachloride	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0510	U			0.0510	µg/L	WA	EPA8081A
2	Benzo(a)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(a)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Benzo(b)fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Benzo(k)fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Benzoic acid	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	Benzoic acid	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	Benzoic acid	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
1	Benzo(g,h,i)perylene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Benzo(a)pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Benzyl alcohol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
1	Bis(2-chloroethoxy) methane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	Bis(2-chloroethyl) ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Bis(2-ethylhexyl) phthalate	11.6	R	L	C	10.0	µg/L	WA	EPA8270C
2	Bis(2-ethylhexyl) phthalate	10.2	J	Q	6	10.0	µg/L	WA	EPA8270C
2	Bis(2-ethylhexyl) phthalate	20.9	J	Q	6	20.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
1	4-Bromophenyl phenyl ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	2-sec-Butyl-4,6-dinitrophenol	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	2-sec-Butyl-4,6-dinitrophenol	<100	JU	Q		100	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	alpha-Chlordane	<0.102	U			0.102	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.102	U			0.102	µg/L	WA	EPA8081A
2	4-Chloroaniline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chloroaniline	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chlorobenzilate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	4-Chloro-m-cresol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C

Well QA 48D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	4-Chloro-m-cresol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	2-Chloronaphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	2-Chlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	4-Chlorophenyl phenyl ether	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
2	Chrysene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Chrysene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chrysene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	m-Cresol (3-Methylphenol)	10.4	R	L	C	10.4	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<10.2	U			10.2	µg/L	WA	EPA8270C
0	m-Cresol (3-Methylphenol)	<20.0	U			20.0	µg/L	WA	EPA8270C
2	o-Cresol (2-Methylphenol)	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.102	U			0.102	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.102	U			0.102	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Diallate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diallate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diallate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Dibenz(a,h)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Dibenzofuran	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<10.0	U	L	C	10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	1,3-Dichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	3,3'-Dichlorobenzidine	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
1	2,4-Dichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<1.05	JU	H	I	1.05	µg/L	WA	EPA8151A
0	Dieldrin	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Diethyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diethyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dimethoate	<0.510	JU	L	C	0.510	µg/L	WA	EPA8141A
1	2,4-Dimethyl phenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C

Well QA 48D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	3,3'-Dimethylbenzidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
2	2,4-Dinitrotoluene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	2,6-Dinitrotoluene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Diphenylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Disulfoton	<0.510	U			0.510	µg/L	WA	EPA8141A
0	Endosulfan sulfate	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	Endosulfan II	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Endrin	<0.102	JU	K	I	0.102	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.102	U			0.102	µg/L	WA	EPA8081A
2	Ethyl methacrylate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethyl methacrylate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Famphur	<1.22	U			1.22	µg/L	WA	EPA8141A
1	Fluoranthene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluoranthene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	Fluorene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluorene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Heptachlor	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0510	U			0.0510	µg/L	WA	EPA8081A
2	Hexachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Hexachlorobutadiene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Hexachloroethane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Hexachlorophene	250	R	L	C	250	µg/L	WA	EPA8270C
0	Hexachlorophene	<250	JU	Q		250	µg/L	WA	EPA8270C
0	Hexachlorophene	<500	JU	Q		500	µg/L	WA	EPA8270C
0	Hexachloropropene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloropropene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	Indeno(1,2,3-c,d)pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Isodrin	<0.102	U			0.102	µg/L	WA	EPA8081A
1	Isophorone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Isophorone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isophorone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Isosafrole	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isosafrole	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Kepone	<0.510	U			0.510	µg/L	WA	EPA8081A

Well QA 48D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0510	U			0.0510	µg/L	WA	EPA8081A
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Methapyrilene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methapyrilene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methapyrilene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Methoxychlor	<0.510	U			0.510	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	2-Methyl-4,6-dinitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	2-Methylnaphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Naphthalene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Naphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
2	m-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
2	o-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
2	p-Nitroaniline	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
1	Nitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	2-Nitrophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Nitrophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
2	4-Nitrophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	4-Nitrophenol	<52.0	JU	Q		52.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	20.0	R	L	C	20.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<40.0	JU	Q		40.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	N-Nitrosodiphenylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
1	N-Nitrosodipropylamine	10.0	R	L	CI	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C

Well QA 48D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	N-Nitrosopiperidine	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	LQ		50.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<100	JU	LQ		100	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Parathion ethyl	<0.510	U			0.510	µg/L	WA	EPA8141A
0	Parathion methyl	<0.510	U			0.510	µg/L	WA	EPA8141A
0	PCB 1016	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1221	<2.04	U			2.04	µg/L	WA	EPA8082
0	PCB 1232	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1242	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1248	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1254	<1.02	U			1.02	µg/L	WA	EPA8082
0	PCB 1260	<1.02	U			1.02	µg/L	WA	EPA8082
0	Pentachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	Pentachlorobenzene	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Pentachloroethane	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	50.0	R	L	C	50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	LQ		50.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<100	JU	LQ		100	µg/L	WA	EPA8270C
2	Pentachlorophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	JU	LQ	C	26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<52.0	JU	LQ	C	52.0	µg/L	WA	EPA8270C
0	Phenacetin	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	Phenacetin	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
1	Phenanthrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Phenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	Phenol	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	p-Phenylenediamine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Phorate	<0.510	U			0.510	µg/L	WA	EPA8141A
0	2-Picoline	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2-Picoline	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	2-Picoline	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Pronamid	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	Pronamid	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
1	Pyrene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pyrene	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	Pyrene	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Pyridine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	Pyridine	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Safrole	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	Safrole	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	<340	U			340	µg/L	WA	EPA9056
0	Sulfide	<20,000	U			20,000	µg/L	WA	EPA9034
0	Sulfotepp	<0.510	U			0.510	µg/L	WA	EPA8141A
0	2,4,5-T	<0.525	JU	H	I	0.525	µg/L	WA	EPA8151A
0	1,2,4,5-Tetrachlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	2,3,4,6-Tetrachlorophenol	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Thionazin	<0.510	U			0.510	µg/L	WA	EPA8141A
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B

Well QA 48D collected on 11/29/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	o-Toluidine	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Total dissolved solids	11,000	J	IQ	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<5,000	U			5,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U		X	120	µg/L	WA	EPA9020B
0	Toxaphene	<5.10	U			5.10	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.525	JU	L	C	0.525	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<10.0	JU	LQ	C	10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<20.0	JU	LQ	C	20.0	µg/L	WA	EPA8270C
2	2,4,5-Trichlorophenol	26.0	R	L	C	26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<26.0	JU	LQ		26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<52.0	JU	LQ		52.0	µg/L	WA	EPA8270C
2	2,4,6-Trichlorophenol	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	O,O,O-Triethyl phosphorothioate	<0.510	U			0.510	µg/L	WA	EPA8141A
0	1,3,5-Trinitrobenzene	10.0	R	L	C	10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<10.0	JU	LQ		10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<20.0	JU	LQ		20.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Actinium-228	3.28E-09±6.69E-09	U			1.25E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.68E-10±2.40E-10	U			2.52E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	3.37E-09±4.47E-09	U			8.14E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	6.76E-09±6.07E-09	U			1.01E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	1.18E-09±9.04E-09	U			1.50E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	2.25E-10±2.03E-09	U			3.09E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.56E-09±1.95E-09	U			3.82E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3.72E-10±1.16E-09	U			1.74E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.15E-09±2.69E-09	U			4.21E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			2.68E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	8.41E-11±1.69E-10	U			2.52E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			2.52E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.52E-09±4.27E-09	U			7.65E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-3.31E-09±6.32E-09	U			8.78E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-2.21E-09±4.48E-09	U			7.28E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	-8.82E-11±1.30E-10	U			4.71E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	4.36E-10±3.58E-10	U			6.10E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	9.15E-11±3.77E-10	U			6.59E-10	µCi/mL	GP	EPIA-006
0	Iodine-129	1.03E-09±7.54E-10	U			1.14E-09	µCi/mL	GP	EPIA-006
0	Lead-212	7.05E-09±2.88E-09	R		4	5.42E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.99E-09±1.79E-09	U			3.51E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-3.71E-11±3.72E-11	U			2.92E-10	µCi/mL	GP	EPIA-032
0	Nickel-63	7.13E-09±6.47E-08	JU	L	I	1.11E-07	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	1.36E-09±5.35E-10	J	I	6	9.76E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.17E-10±5.29E-10	U			1.06E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-1.42E-10±1.93E-10	U			5.90E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.32E-12±7.30E-11	U			2.49E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	9.31E-09±3.21E-08	U			3.56E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	3.28E-10±1.74E-09	U			3.19E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.57E-09±2.10E-09	U			3.40E-09	µCi/mL	GP	EPIA-013
0	Radium-226	8.31E-11±4.31E-10	U			8.96E-10	µCi/mL	GP	EPIA-008
0	Radium-226	1.66E-10±4.60E-10	U			8.95E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.36E-10±4.76E-10	U			1.03E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	4.45E-09±1.51E-08	U			2.82E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.18E-09±2.25E-09	U			3.14E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-9.00E-11±4.18E-10	U			9.95E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	3.02E-09±1.20E-08	U			2.06E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	3.09E-09±1.23E-08	U			2.11E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-1.01E-10±1.59E-10	U			4.92E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	1.01E-11±9.80E-11	U			2.85E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.53E-11±6.22E-11	U			1.83E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	-1.37E-11±7.23E-11	U			2.67E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	<0.00E+00	U			8.82E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	-2.24E-11±2.62E-11	U			2.16E-10	µCi/mL	GP	EPIA-012
0	Tritium	-4.04E-07±3.49E-07	U			6.43E-07	µCi/mL	GP	EPIA-002
0	Tritium	-2.66E-07±3.62E-07	U			6.56E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	-3.80E-11±3.43E-11	U			2.56E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.27E-12±7.04E-11	U			2.40E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	1.65E-11±6.69E-11	U			1.97E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.58E-12±2.11E-09	U			3.93E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.29E-09±3.84E-09	U			6.35E-09	µCi/mL	GP	EPIA-013

WELL QA 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Water temperature: 16.1°C
Air temperature: 8.2°C
pH: 5.4
Sp. conductance: 1 µS/cm
Turbidity: 1 NTU

Time: 12:18

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<9.78	U		6	13.4	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO3)	10.2	J	I	6	13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	0.720	J	I	6	1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<2.50	U	V		15.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	9.90	J	I	6	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.620	U	V		5.00	µg/L	WA	EPA6010B
0	Sulfate	<340	U			340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	15,000	J	I	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<445	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	7.15E-09±9.19E-09	U			1.55E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	-3.47E-09±8.59E-09	U			1.50E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	2.48E-10±3.26E-10	U			6.48E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.89E-10±4.94E-10	U			1.08E-09	µCi/mL	GP	EPIA-001
0	Radium-226	3.97E-10±4.66E-10	U			7.36E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.40E-10±5.36E-10	U			1.16E-09	µCi/mL	GP	EPIA-009
0	Radium-228	-9.68E-11±4.26E-10	U			9.88E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.74E-10±5.51E-10	U			1.18E-09	µCi/mL	GP	EPIA-004
0	Tritium	-2.38E-07±3.21E-07	U			5.79E-07	µCi/mL	GP	EPIA-002

WELL QA 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Water temperature: 17.6°C
Air temperature: 15.1°C
pH: 5.1
Sp. conductance: 2 µS/cm
Turbidity: 0 NTU

Time: 12:15

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Cadmium, total recoverable	<2.14	JU	I	46	10.0	µg/L	EX	EPA6010B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Iron, total recoverable	<5.01	U	V		200	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	JU	L	I	0.500	µg/L	EX	EPA7470A
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Gross alpha	1.33E-09±5.30E-10			6	1.50E-10	µCi/mL	TM	EPA900.0M
0	Tritium	-6.00E-08±3.40E-07	U			6.10E-07	µCi/mL	TM	EPA906.0M

WELL QA 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Water temperature: 17.7°C
Air temperature: 4.9°C
pH: 5.4
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 11:26

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Iron, total recoverable	<15.8	U	V		200	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	0.500	R	L	I	0.500	µg/L	EX	EPA7470A
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Gross alpha	1.38E-09±5.40E-10			6	1.50E-10	µCi/mL	TM	EPA900.0M
0	Tritium	2.70E-07±3.40E-07	U			5.80E-07	µCi/mL	TM	EPA906.0M

WELL QA 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/99
Water temperature: 21.5°C
Air temperature: 16.8°C
pH: 4.8
Sp. conductance: 2 µS/cm
Turbidity: 0 NTU

Time: 14:45

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	1.80	J	I	6	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	0.466	J	I	6	2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
2	Bis(2-ethylhexyl) phthalate	14.2			6	10.1	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	2.51	J	I	6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	0.402	J	I	6	1.00	µg/L	GE	EPA6020
0	Cyanide	8.01	J	I	6	10.0	µg/L	GE	EPA9012A
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	0.868	J	I	6	2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Phenols	2.13	J	I	6	5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	JU	L	C	5.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Actinium-228	7.81E-09±7.27E-09	U			1.44E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	3.26E-09±6.92E-09	U			1.29E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.56E-11±1.62E-10	U			3.95E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	2.10E-09±5.62E-09	U			9.88E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	1.85E-09±4.41E-09	U			8.35E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.12E-08±8.13E-09	U			1.34E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	7.70E-09±7.89E-09	U			1.32E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	-1.10E-08±1.24E-08	U			2.06E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	1.07E-09±1.17E-08	U			2.07E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.19E-09±1.78E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-5.07E-10±1.88E-09	U			2.85E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.03E-10±1.71E-09	U			3.22E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-2.25E-10±1.97E-09	U			3.48E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	7.03E-10±1.59E-09	U			2.88E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-3.37E-10±1.49E-09	U			2.59E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.11E-10±1.84E-09	U			3.70E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.36E-10±1.75E-09	U			3.44E-09	µCi/mL	GP	EPIA-013

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Well QA 70D collected on 11/10/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	Toxaphene	<5.00	U			5.00	µg/L	GE	EPA8081A

WELL QA 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99 Time: 13:06
Water temperature: 16.8°C
Air temperature: 23°C
pH: 5 Total alkalinity (as CaCO3): 0 mg/L
Sp. conductance: 1 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	<100	U			100	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate as nitrogen	<100	JU	Q		100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	<100	U			100	µg/L	EX	EPA300.0
0	Actinium-228	5.02E-09±9.84E-09	U			1.46E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	3.33E-09±4.90E-09	U			9.37E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-5.44E-09±1.25E-08	U			2.13E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	3.48E-10±1.78E-09	U			3.25E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-6.82E-10±1.86E-09	U			3.22E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.47E-10±1.68E-09	U			2.95E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.13E-10±1.89E-09	U			3.44E-09	µCi/mL	GP	EPIA-013
0	Curium-242	<0.00E+00	U			1.32E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-9.72E-12±1.95E-11	U			2.14E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	<0.00E+00	U			1.21E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-3.14E-09±5.35E-09	U			8.61E-09	µCi/mL	GP	EPIA-013
0	Europium-154	6.36E-10±4.55E-09	U			9.06E-09	µCi/mL	GP	EPIA-013
0	Europium-155	6.52E-09±6.82E-09	U			1.25E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.30E-10±3.18E-10	U			6.57E-10	µCi/mL	GP	EPIA-001
0	Lead-212	6.22E-09±6.63E-09	U			6.95E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	9.84E-10±2.02E-09	U			3.78E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.28E-10±4.64E-10	U			1.02E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	2.50E-08±2.41E-08	U			4.69E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	6.06E-10±1.61E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.58E-10±2.11E-09	U			3.91E-09	µCi/mL	GP	EPIA-013
0	Radium-226	4.69E-10±6.10E-10	U			1.01E-09	µCi/mL	GP	EPIA-008
0	Radium-228	3.68E-11±5.08E-10	U			1.08E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.02E-08±1.55E-08	U			3.00E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	2.20E-10±1.62E-09	U			3.24E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	7.64E-13±4.87E-10	U			1.14E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-4.41E-09±9.76E-09	U			2.06E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-2.74E-10±2.21E-10	U			7.57E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	-5.90E-11±4.98E-11	U			3.52E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.97E-11±2.81E-11	U			2.55E-10	µCi/mL	GP	EPIA-012
0	Tritium	-1.44E-07±3.54E-07	U			6.32E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.98E-11±6.87E-11	U			1.62E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.12E-11±1.59E-11	U			1.45E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	4.65E-11±6.61E-11	U			6.98E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	7.32E-10±1.91E-09	U			4.02E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.11E-09±4.15E-09	U			6.12E-09	µCi/mL	GP	EPIA-013

WELL QA 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: 12:02
Water temperature: 22.8°C
Air temperature: 18.1°C
pH: 5.2 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 1 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

Well QA 78D collected on 12/06/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0820	J	I	6	0.200	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Sulfide	<1,660	JU	LQV	CI6	1,000	µg/L	GE	EPA9034
0	Sulfide	<1,470	JU	LQV	CI6	1,000	µg/L	GE	EPA9034

WELL QA 80D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: 10:05
Water temperature: 22.3°C
Air temperature: 7.2°C
pH: 6.2 Total alkalinity (as CaCO3): 0 mg/L
Sp. conductance: 1 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	<15.0	U			15.0	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	<29.4	U	V		120	µg/L	ML	EPA6010B
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Heptachlor	<0.0510	U			0.0510	µg/L	ML	EPA8081A
0	Iron, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	<185	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	2.40	J	I	6	10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	<675	U			675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<20.6	JU		46	20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	6.73	J	I	6	30.0	µg/L	ML	EPA6010B
0	Gross alpha	-1.00E-09±1.15E-09	U			7.05E-09	µCi/mL	ML	EPIA-001B
0	Nonvolatile beta	-5.30E-10±1.68E-09	U			7.74E-09	µCi/mL	ML	EPIA-001B
0	Tritium	-5.65E-07±4.34E-07	U			8.55E-07	µCi/mL	ML	EPIA-002

WELL TRP100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B

Well TRP100D collected on 10/21/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloromethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	Q		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	Q		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	Q		1.00	µg/L	ML	EPA8260B

WELL TRP102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<4.39	JU	KV	O	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/21/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TRP104D collected on 12/14/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dichloromethane	<9.50	JU	KV	O	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	1.50	J	I	8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/04/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP109D collected on 11/04/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	5.24			8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<2.82	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/08/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	3.44	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.48	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/08/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	5.56			8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	3.42	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.28	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP112D collected on 11/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	3.05	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.84	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/12/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP114D collected on 11/12/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	2.99	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.15	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	3.23	J	IL	O8	5.00	µg/L	WA	EPA8260B
0	Chloroform	5.48	J	L	O8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.90	JU	LV	O8	5.00	µg/L	WA	EPA8260B

Well TRP115D collected on 11/15/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dichloromethane	<5.77	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

WELL TRP116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	5.07			8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	5.63	J	I	8	10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.36	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	4.96	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<8.65	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	5.31			8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.87	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP118D collected on 11/22/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP120D collected on 12/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.80	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP128D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/11/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	4.89	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.25	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B

Well TRP128D collected on 11/11/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	4.81	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	3.37	J	I	8	10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.98	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP129D collected on 11/16/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	6.38			8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl Isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	3.64	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl Isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	3.74	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/01/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	6.36			8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<31.3	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	3.08	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.59	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl Isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	5.62			8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.37	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl Isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	5.08			8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<16.9	U	V	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/11/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.59	J	I	8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.08	U	V		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL TRP141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.58	JU	LV	O	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B

Well TRP141D collected on 11/18/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B

WELL TRP142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<4.08	U	V		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL TRP143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B

Well TRP143D collected on 11/30/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	2.18	J	I	8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL TRP144D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/01/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.54	J	I	8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL TRP148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Well TRP148D collected on 12/02/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U			25.0	µg/L	GE	EPA8260B
0	Acrolein	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroprene	<2.00	U			2.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<3.11	U	V		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Isobutyl alcohol	<50.0	U			50.0	µg/L	GE	EPA8260B
0	Methacrylonitrile	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl methacrylate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Pentachloroethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Propionitrile	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<2.00	U			2.00	µg/L	GE	EPA8260B

WELL TRP149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/02/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<6.40	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	3.35	J	I	8	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP151D collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dibromomethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<12.3	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl Isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP153D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/03/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TRP153D collected on 12/03/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<9.30	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B

WELL TRP154D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<9.00	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TRP154D collected on 12/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B

WELL TRP155D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/18/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL TRP156D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL TRP157D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Well TRP157D collected on 10/20/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL TRP158D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL TRP159D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL TRP160D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	JU	Q		2.00	µg/L	EM	EPA8260B

WELL TRP161D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/27/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	U			2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B

WELL TRP167D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B

Well TRP167D collected on 10/20/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL TRP168D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/22/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL TRP169D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B

Well TRP169D collected on 12/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	2.10	J	IK	O8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP170D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/08/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.95	J	I	8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL TRP171D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.60	J	I	8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<0.609	U	V		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL TRP172D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B

Well TRP172D collected on 12/09/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP173D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/09/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.53	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP175C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/14/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	Tetrachloroethylene	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	JU	Q		1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	JU	LQ	C	1.00	µg/L	WA	EPA8021B

WELL TRP176D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<7.90	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl Iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B

WELL TRP177D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.80	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B

WELL TRP182D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<4.60	U	V		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP183D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TRP183D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP184D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/18/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP185D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/19/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TRP185D collected on 11/19/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP186D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/22/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	EX	EPA8260B

WELL TRP187D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<8.20	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP192D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	4.30	J	I	8	10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP192D collected on 11/17/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP195D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U		X	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U		X	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U		X	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U		X	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U		X	1.00	µg/L	ML	EPA8260B

WELL TRP196D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/23/99
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

Well TRP196D collected on 11/23/99 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.27	J	I	8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	GE	EPA8260B

WELL TRP200D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethylene	<2.00	U			2.00	µg/L	GE	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
1	Dichloromethane	3.51	J	IK	O8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl Isobutyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

Well TRP200D collected on 12/13/99 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP201D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP206D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl Isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

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WELL TRP277C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/20/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL TRP278C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL TRP279C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/28/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

WELL TRP280C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/05/99 Time: .
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	3.15			8	1.00	µg/L	WA	EPA8021B

NOTES