

THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

The Savannah River Site's
Groundwater Monitoring Program

SECOND QUARTER 2000 (U)
(April through June 2000)

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808



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 all verified and validated analytical results and field data for the quarter

C. *Sampling Blanks Results*—tables listing all verified and validated analytical results for sampling blanks for the quarter

D. *Analytical and Sampling Blanks Results for SSM Wells*—tables listing all unverified and unvalidated analytical results and field data, as well as for sampling blanks, on SSM wells during the quarter

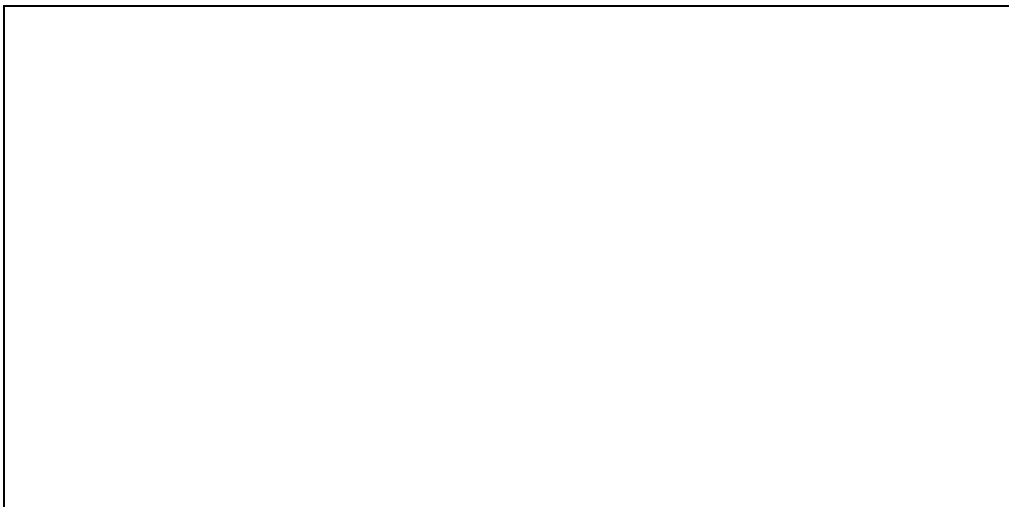
...

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.



This document was prepared in conjunction with work accomplished under Contract No. DE-AC09-96SR18500 with the U.S. Department of Energy.

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

This report has been reproduced directly from the best available copy.

Available for sale to the public, in paper, from: U.S. Department of Commerce, National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161, phone: (800) 553-6847, fax: (703) 605-6900, email: orders@ntis.fedworld.gov online ordering: <http://www.ntis.gov/ordering.htm>

Available electronically at <http://www.doe.gov/bridge>

Available for a processing fee to U.S. Department of Energy and its contractors, in paper, from: U.S. Department of Energy, Office of Scientific and Technical Information, P.O. Box 62, Oak Ridge, TN 37831-0062, phone: (865) 576-8401, fax: (865) 576-5728, email: reports@adonis.osti.gov

THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

The Savannah River Site's
Groundwater Monitoring Program

SECOND QUARTER 2000 (U)
(April through June 2000)

Environmental Protection Department
Westinghouse Savannah River Company
Aiken, SC

and

Exploration Resources, Inc.
Athens, GA

Reviewed and approved by
Christine Stover
EPD/EMS Groundwater Coordinator

Cover graphics supplied by R.A. Hiergesell
Savannah River Technology Center
Environmental Sciences Section

Publication Date: November 2000

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808



This page left blank intentionally.

Contents

	Page
Executive Summary	1
Introduction	5
Organization of This Report	5
Flagging Criteria	9
Sample Scheduling	19
Environmental Screening	19
GCMS VOA Analyses	20
Sampling Requests	20
Maintenance, Access, or Other Problems	21
Dry Wells	22
New Wells	22
Field Notes	23
Analytical Data Review	31
GIMS Data Review Module	31
Review of the Analytical Data	31
Analytical Methods	33
Quality Control Samples	53
Precision	53
Accuracy	57
Representativeness	61
Comparability	62
Completeness	62
Site Index	143
Site History	146
Glossary	157

References	165
Appendix A. Water-Level Data	A-1
Appendix B. Analytical Results.....	B-1
Appendix C. Sampling Blanks Results	C-1
Appendix D. Analytical and Sampling Blanks Results for Verification Projects	D-1

LIST OF FIGURES

	Page
Figure 1. Areas and Locations Monitored for Groundwater Quality	7
Figure 2. Separations and Waste Management Areas Monitored for Groundwater Quality	8
Figure 3. Three Types of Groundwater Monitoring Wellheads	23
Figure 4. Relative Difference vs. the Mean	54
Figure 5. Relationship between w_i and Analyte Concentration	55
Figure 6. Effect of a Linear-Weight Function on the MRD_{adj}	55

LIST OF TABLES

	Page
Table 1. Analytes above Flag 2 Criteria	1
Table 2. Flagging Criteria	10
Table 3. Comments from the Field Data	24
Table 4. GE Samples with High Analytical Results as Compared to Historical Data	34
Table 5. GE Samples with Low Analytical Results as Compared to Historical Data	34
Table 6. GP Samples with High Analytical Results as Compared to Historical Data	34
Table 7. ML Samples with High Analytical Results as Compared to Historical Data	35
Table 8. ML Samples with Low Analytical Results as Compared to Historical Data	35
Table 9. WA Samples with High Analytical Results as Compared to Historical Data	35
Table 10. TM Samples with High Analytical Results as Compared to Historical Data	35
Table 11. Methods and Estimated Quantitation Limits Used by EX	35
Table 12. Methods and Estimated Quantitation Limits Used by GE	38
Table 13. Methods and Estimated Quantitation Limits Used by WA	42
Table 14. Methods and Estimated Quantitation Limits Used by ML	47
Table 15. Methods and Estimated Quantitation Limits Used by GP	50
Table 16. Methods and Estimated Quantitation Limits Used by TM	51
Table 17. Wells Providing Blind Replicate Samples and Associated Blanks	62
Table 18. Analytes Not Showing Measurable Concentrations above Estimated Quantitation Limits in Any Replicated or Duplicated Samples for GE, WA, EX, and ML	63
Table 19. Analytes Not Showing Measurable Concentrations above Estimated Quantitation Limits in Any Replicated or Duplicated Samples for GP, TM, and ML	66
Table 20. Intralaboratory MRD Indices for EX	67
Table 21. Intralaboratory MRD Indices for GE	67
Table 22. Intralaboratory MRD Matrix Spike Indices for GE	68
Table 23. Intralaboratory MRD Indices for WA	69
Table 24. Intralaboratory MRD Indices for ML	70
Table 25. Intralaboratory MRD Indices for GP	71

Table 26.	Intralaboratory MRD Indices for TM	73
Table 27.	Interlaboratory MRD and <i>t</i> -test Results for Analytes with at Least One Pair of Results above the RDL for EX and WA	74
Table 28.	Interlaboratory MRD and <i>t</i> -test Results for Analytes with at Least One Pair of Results above the RDL for GE and ML	74
Table 29.	Interlaboratory MRD and <i>t</i> -test Results for Analytes with at Least One Pair of Results above the RDL for GE and WA	74
Table 30.	Interlaboratory MRD and <i>t</i> -test Results for Analytes with at Least One Pair of Results above the RDL for EX and ML	75
Table 31.	Interlaboratory MRD and <i>t</i> -test Results for Analytes with at Least One Pair of Results above the RDL for WA and ML	76
Table 32.	Interlaboratory MRD and <i>t</i> -test Results for Analytes with at Least One Pair of Results above the RDL for GP and ML	76
Table 33.	Interlaboratory MRD and <i>t</i> -test Results for Analytes with at Least One Pair of Results above the RDL for GP and TM	77
Table 34.	Interlaboratory MRD and <i>t</i> -test Results for Analytes with at Least One Pair of Results above the RDL for ML and TM	77
Table 35.	GE Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another	78
Table 36.	WA Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another	78
Table 37.	WA Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another	78
Table 38.	ML Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another	78
Table 39.	GP Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another	78
Table 40.	TM Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another	79
Table 41.	Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between EX and ML	79
Table 42.	Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GE and WA	79
Table 43.	Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between WA and ML	79
Table 44.	Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GP and ML	79

Table 45.	Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GP and TM.....	80
Table 46.	Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between TM and ML.....	80
Table 47.	Quality Control Standards for Selected Analyses for EX.....	80
Table 48.	Quality Control Standards for Selected Analyses for GE.....	83
Table 49.	Quality Control Standards for Selected Analyses for WA.....	85
Table 50.	Quality Control Standards for Selected Analyses for ML.....	88
Table 51.	Laboratory Control Sample Recoveries for EX.....	90
Table 52.	Laboratory Control Sample Recoveries for GE.....	91
Table 53.	Laboratory Control Sample Recoveries for WA.....	93
Table 54.	Laboratory Control Sample Recoveries for ML.....	95
Table 55.	Laboratory Control Sample Recoveries for GP.....	97
Table 56.	Laboratory Control Sample Recoveries for TM.....	98
Table 57.	Surrogate Recoveries for EX.....	99
Table 58.	Surrogate Recoveries for GE.....	99
Table 59.	Surrogate Recoveries for WA.....	100
Table 60.	Surrogate Recoveries for ML.....	101
Table 61.	Matrix Spike Recoveries for EX.....	101
Table 62.	Matrix Spike Recoveries for GE.....	101
Table 63.	Matrix Spike Recoveries for WA.....	104
Table 64.	Matrix Spike Recoveries for ML.....	105
Table 65.	Matrix Spike Recoveries for GP.....	107
Table 66.	Analytes Detected in Method Blanks for EX.....	108
Table 67.	Analytes Detected in Method Blanks for GE.....	111
Table 68.	Analytes Detected in Method Blanks for WA.....	116
Table 69.	Analytes Detected in Method Blanks for ML.....	121
Table 70.	Analytes Detected in Method Blanks for GP.....	124
Table 71.	Analytes Detected in Method Blanks for TM.....	126

Table 72.	Analytes Detected in Field Blanks for GE	127
Table 73.	Analytes Detected in Field Blanks for WA.....	130
Table 74.	Analytes Detected in Field Blanks for ML.....	132
Table 75	Analytes Detected in Field Blanks for GP.....	133
Table 76.	Analytes Detected in Trip Blanks for EX	135
Table 77.	Analytes Detected in Trip Blanks for GE.....	136
Table 78.	Analytes Detected in Trip Blanks for WA	137
Table 79.	Analytes Detected in Trip Blanks for ML.....	138
Table 80.	Analytes Detected in Equipment Blanks for GP	139
Table 81.	Bailed Wells	140
Table 82.	Sampled Wells with Metal Casings.....	140
Table 83.	Wells That Had Turbidity Greater Than 15 NTU.....	141
Table 84.	Analyses Not Performed by GE.....	142
Table 85.	Analyses Not Performed by WA.....	142
Table 86.	Sites and Locations by Well Series	143

NOTES

Executive Summary

The Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) administers the Savannah River Site's (SRS) Groundwater Monitoring Program. During second quarter 2000, 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 second quarter 2000 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 second quarter 2000 in 41 monitoring well series. Analytes exceeded the current Flag 2 criteria for the first time since 1984 in 15 of those 41 monitoring well series.

Table 1, organized alphabetically by well series, lists those well series with analytical results above Flag 2 criteria during second quarter 2000. 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

<i>Site</i>	<i>Well Series</i>	<i>Analytes above Flag 2 Criteria</i>
A-Area Metals Burning Pit	ABP	Aluminum, iron, tetrachloroethylene, thallium, trichloroethylene
A-Area Burning/Rubble Pits	ARP	Aluminum, iron, tetrachloroethylene, trichloroethylene
C-Area Burning/Rubble Pit	AS	1,2-dichloroethylene, trichloroethylene
Mixed Waste Management Facility (Site 643-28E) and Low-Level Radioactive Waste Disposal Facility (643-7E)	BGO	Aluminum, antimony, boron, chloroethene, 1,1-dichloroethane, 1,1-dichloroethylene, 1,2-dichloroethylene, gross alpha, iron, lead, lithium, manganese, pH, radium-228, specific conductance, strontium-90, tetrachloroethylene, thallium, total organic carbon, total organic halogens, trichloroethylene, tritium
Road A Chemical Basin (Baxley Road)	BRD	Aluminum, bis(2-ethylhexyl) phthalate, gross alpha , iron, manganese, radium-226
Burma Road Rubble Pit	BRR	Aluminum, boron, gross alpha, iron, lithium, nitrate-nitrite as nitrogen, tritium
N-Area (Central Shops) Burning/Rubble Pit South of the Ford Building Seepage Basin	CBR	Aluminum
C-Area Coal Pile Runoff Containment Basin	CCB	Aluminum, iron
C-Area Disassembly Basin	CDB	Aluminum, boron , lead, total organic carbon, tritium
Chemical, Metals, and Pesticides Pits	CMP	Carbon tetrachloride, tetrachloroethylene, trichloroethylene

<i>Site</i>	<i>Well Series</i>	<i>Analytes above Flag 2 Criteria</i>
C-Area Burning/Rubble Pit	CRP	1,2-dichloroethylene , tetrachloroethylene, trichloroethylene, tritium
N-Area (Central Shops) Diesel Spill Characterization and Remediation Wells	CSD	Aluminum, iron, lithium, specific conductance, thallium , total organic carbon
D-Area Burning/Rubble Pits	DBP	Aluminum, boron , dichloromethane , iron, manganese, total organic carbon, total organic halogens
D-Area Oil Seepage Basin	DOB	Chloroethene, dissolved organic carbon, iron , tetrachloroethylene, total organic carbon, trichloroethylene
F-Area Seepage Basins Remediation Extraction Well	FEX	Aluminum, americium-241, beryllium , bis(2-ethylhexyl) phthalate , cadmium, chloride , cobalt, curium-243/244, gross alpha, iodine-129, manganese, nitrate-nitrite as nitrogen , nonvolatile beta, radium-226, radium-228, specific conductance, strontium-89/90, strontium-90, sulfate , trichloroethylene, tritium, uranium-233/234, uranium-235, uranium-238
F-Area Seepage Basins Remediation Injection Tank	FIN	Aluminum, iodine-129, radium-226, specific conductance, strontium-89/90, uranium-233/234, uranium-238
F-Area Seepage Basins	FSB	Aluminum, beryllium, cadmium, gross alpha, iron, lead, nitrate-nitrite as nitrogen, nonvolatile beta, pH, 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	Thallium
H-Area Seepage Basins Remediation Extraction Well	HEX	Aluminum, gross alpha, iodine-129, manganese, mercury, nickel-63, nitrate-nitrite as nitrogen , nonvolatile beta, pH , radium-226, specific conductance, strontium-89/90, strontium-90 , tritium
H-Area Seepage Basins Remediation Injection Tank	HIN	Iodine-129, radium-226
H-Area Seepage Basins	HSB	Aluminum, gross alpha, lithium, mercury, nitrate-nitrite as nitrogen, nonvolatile beta, pH, specific conductance, thallium, tritium
H-Area Inactive Process Sewer Line	HSL	Nonvolatile beta, tritium
H-Area Tank Farm	HTF	Gross alpha, tritium
K-Area Coal Pile Runoff Basin	KCB	Aluminum, iron, lithium, manganese
K-Area Disassembly Basin	KDB	Tritium
L-Area Research Wells	LAW	Tritium
L-Area Disassembly Basin	LDB	Tritium
Interim Sanitary Landfill	LFW	Aluminum, antimony, benzene, chloroethene, 1,1-dichloroethane, gross alpha, iron, manganese, mercury, thallium, trichloroethylene, trichlorofluoromethane, tritium

Executive Summary

<i>Site</i>	<i>Well Series</i>	<i>Analytes above Flag 2 Criteria</i>
M-Area Hazardous Waste Management Facility (HWMF)	MSB	Dichloromethane, pH, specific conductance, trichloroethylene
R-Area Reactor Seepage Basins	RPC	Nonvolatile beta, strontium-90
Series D, R-Area Reactor Seepage Basins	RSD	Gross alpha, nonvolatile beta, strontium-90
A/M-Area Recovery Well Network	RWM	Carbon tetrachloride, dichloromethane, tetrachloroethylene, trichloroethylene
M-Area Southern Sector	SSM	1,2-dichloroethylene, dichloromethane , pH, tetrachloroethylene, trichloroethylene
C-Area Burning/Rubble Pit	SVE	1,2-dichloroethylene, trichloroethylene
TNX Burying Ground	TBG	Gross alpha, radon-222 , trichloroethylene
TNX-Area Operable Unit	TCM	Gross alpha, trichloroethylene, uranium-233/234, uranium-238
TNX-Area Operable Unit	TIR	Trichloroethylene
TNX-Area Assessment Wells	TNX	Radium-226, strontium-90 , trichloroethylene
TNX-Area Recovery Wells	TRW	Trichloroethylene
New TNX Seepage Basin	XSB	Gross alpha, nonvolatile beta, trichloroethylene

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.

NOTES

Introduction

This report summarizes the Groundwater Monitoring Program conducted by SRS during second quarter 2000. 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 second quarter 2000, EMAX Laboratories, Inc. (EX), of Torrance, CA; General Engineering Laboratories (GE), of Charleston, SC; GE Mobile Laboratory (ML) at SRS; 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. Microseeps, Inc.

(MS), of Pittsburgh, PA, performed several analyses for the D-Area Oil Seepage Basin sampling project; however, the MS results weren't available for publication in this report.

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 ground-water 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 **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. The **Analytical and Sampling Blanks Results for Verification Projects** section (**Appendix D**) presents the field and analytical results for samples for projects requiring verification only. These results are not included in the **Analytical Results** section (**Appendix B**) because they did not undergo the standard verification and validation process.

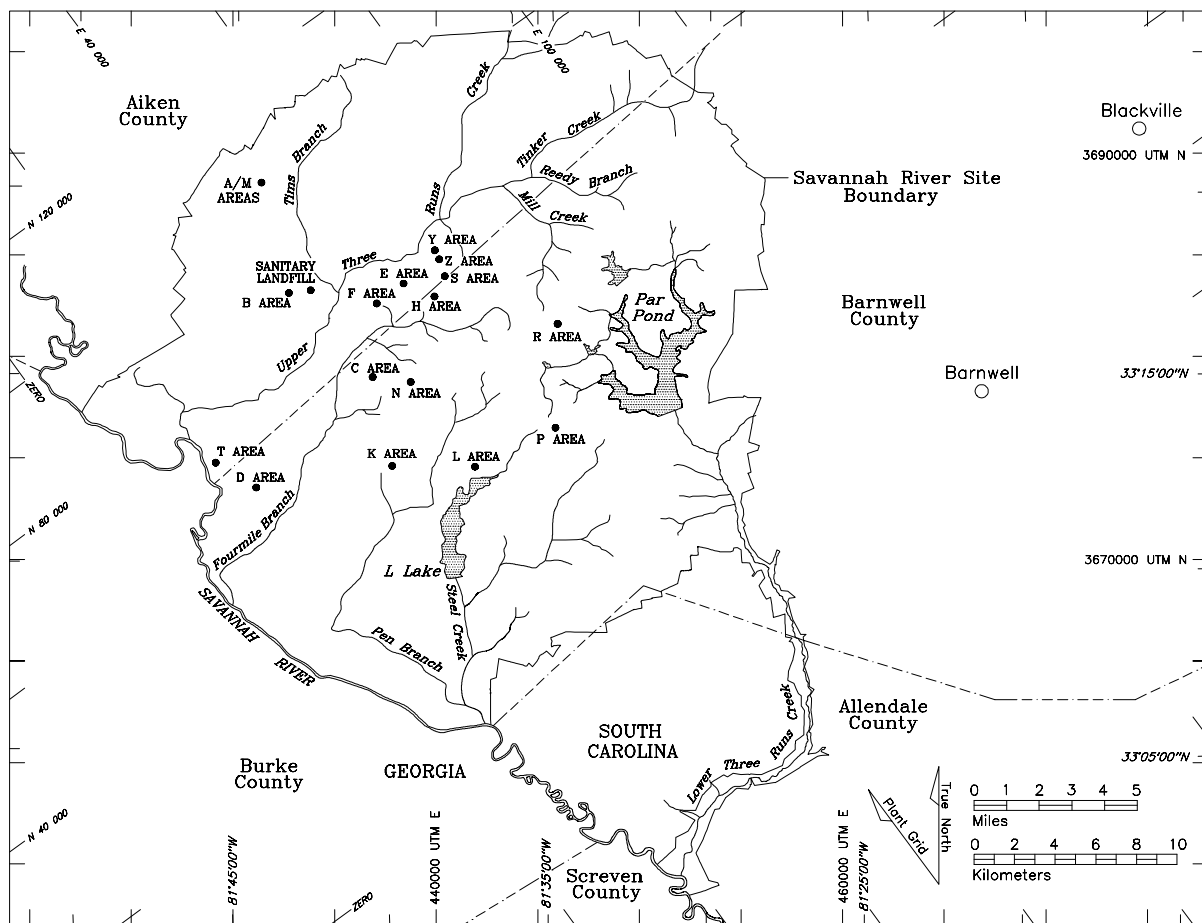


Figure 1. Areas and Locations Monitored for Groundwater Quality

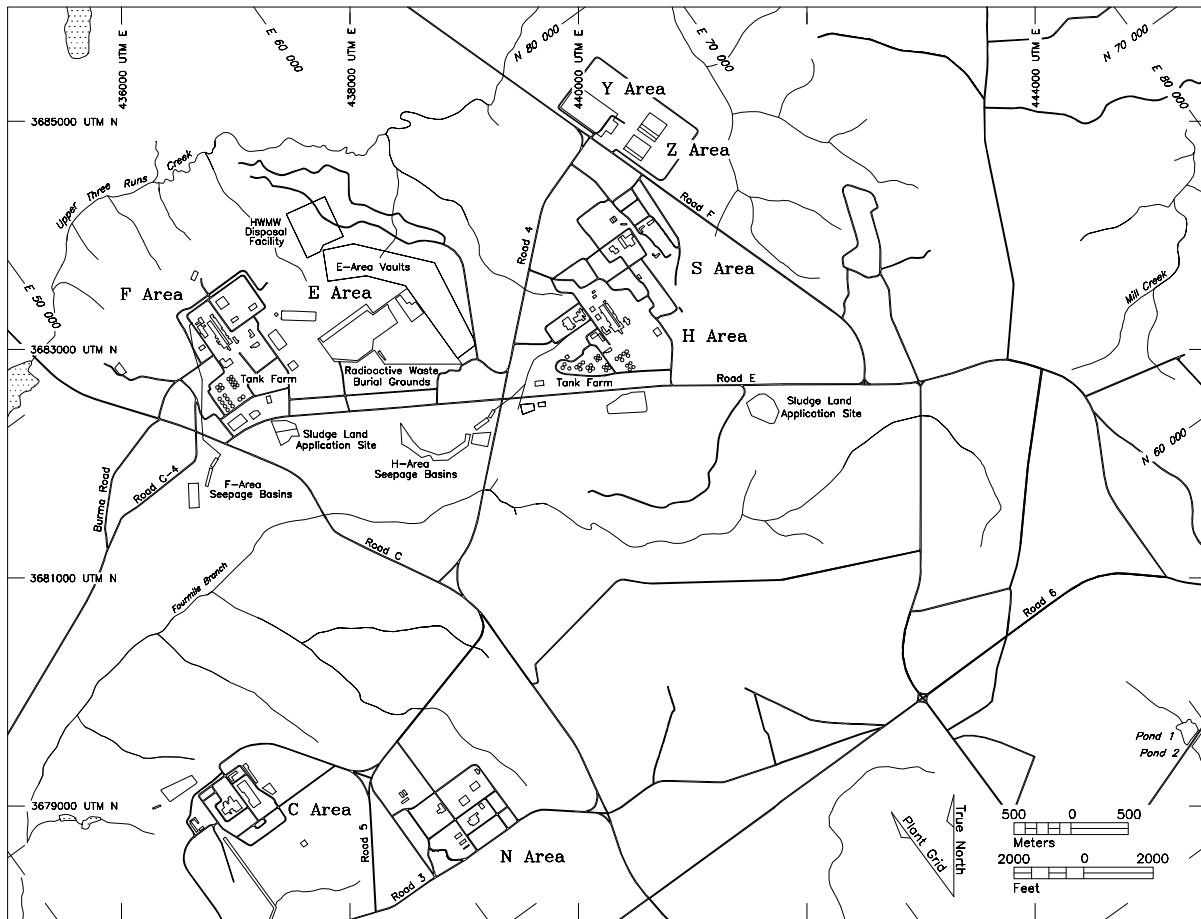


Figure 2. Separations and Waste Management Areas Monitored for Groundwater Quality

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

Flagging Criteria

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

Flagging Criteria

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)

Flagging Criteria

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

Flagging Criteria

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

Flagging Criteria

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

Flagging Criteria

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
Sulfotep	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

Flagging Criteria

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)

Flagging Criteria

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 2000 Sampling Schedule*.

A breakdown by laboratory of the total number of analyses performed during second quarter 2000 follows:

Laboratory	Number of Analyses
EMAX Laboratories, Inc.	5,246
Environmental Physics	5,082
General Engineering Laboratories	13,827
General Engineering Mobile Laboratory	13,007
Recra LabNet Philadelphia	6,185
Thermo NUtech	506

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	pH	Well condition	Mercury
Arsenic	Phenolphthalein alkalinity	Fluoride	Nitrate-nitrite as nitrogen
Barium	Program	Gross alpha	Nonvolatile beta
Boron	Sampling method	Iron	Selenium
Cadmium	Site code	Lead	Silver
Chloride	Specific conductance	Lithium	Sodium
Chromium	Stabilized (Yes or No)	Major ions	Sulfate
Field measurements	Time	Calcium	Total dissolved solids
Air temperature	Total alkalinity	Magnesium	Total organic carbon
Date	Turbidity	Potassium	Total organic halogens
Depth to water	Volume purged	Silica	Total phosphates (as P)
Flow rate	Water temperature	Manganese	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 second quarter 2000, please refer to *The Savannah River Site's Groundwater Monitoring Program 2000 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 second quarter 2000:

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

CERCLA Projects

The following Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) projects were scheduled to be sampled during second quarter 2000:

- C-Area Burning/Rubble Pit
- CMP Pits
- D-Area Burning/Rubble Pit
- D-Area Oil Seepage Basin
- K-Area Coal Pile Runoff Containment Basin
- L-Area Southern Groundwater
- R-Area Reactor Seepage Basin
- Road A Chemical Basin
- Silverton Road Waste Site
- Southern Sector
- TNX Area

MAINTENANCE, ACCESS, OR OTHER PROBLEMS

Wells BGO 8AR, HSB113D, and RPC 3DU were not sampled during second quarter 2000 because there was no water to the surface in these wells.

Well RWM 2 was not sampled because it was not in operation for the May event.

Well BGO 33C was not sampled during second quarter 2000 because it was part of the Purge Water Management System pilot project.

DRY WELLS

The following wells were dry during second quarter 2000: BGO 4D; CSD 2D; FSB106D; FSL 4D; HSB109D; RSB 7; RSD 2C, 3; RSE 1A, 7, 10; and SRW 19.

The following wells were dry during their May and June monthly samples: AS 1, 2, 3, 8, 9; SVE 1A, 2A, 3A, 9A, 14A, 19A, and 21A.

NEW WELLS

The following wells were scheduled to be sampled for the first time during second quarter 2000:

AS 1, 2, 3, 8, 9; BRD 6C, 6D, 7D, 8D; CMP 44D, 45D, 46D, 47D, 48D, 49D, 50D, 51D; CRP 16DL, 16DU, 17DL, 17DU; FEX 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11; HEX 1, 3, 4, 9, 12, 16, 17, 18, 19; SSM 10B, 10C, 11B, 11C, 12B, 12C, 13B, 13C, 14B, 14C, 15B, 15C, 16B, 16C, 17B, 17C; SVE 1A, 2A, 3A, 9A, 14A, 19A, 21A.

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 second quarter 2000. Each sampler maintained a field notebook. These notebooks are in the second quarter 2000 section of the EPD/EMS Groundwater Monitoring Library. All well visitations were routine during second quarter 2000, except as indicated in table 3. The table includes samplers' comments about conditions that may affect the samples or the data-collection process.

The majority of wells sampled during second quarter 2000 were pumped. Bailed wells are listed in table 81 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.

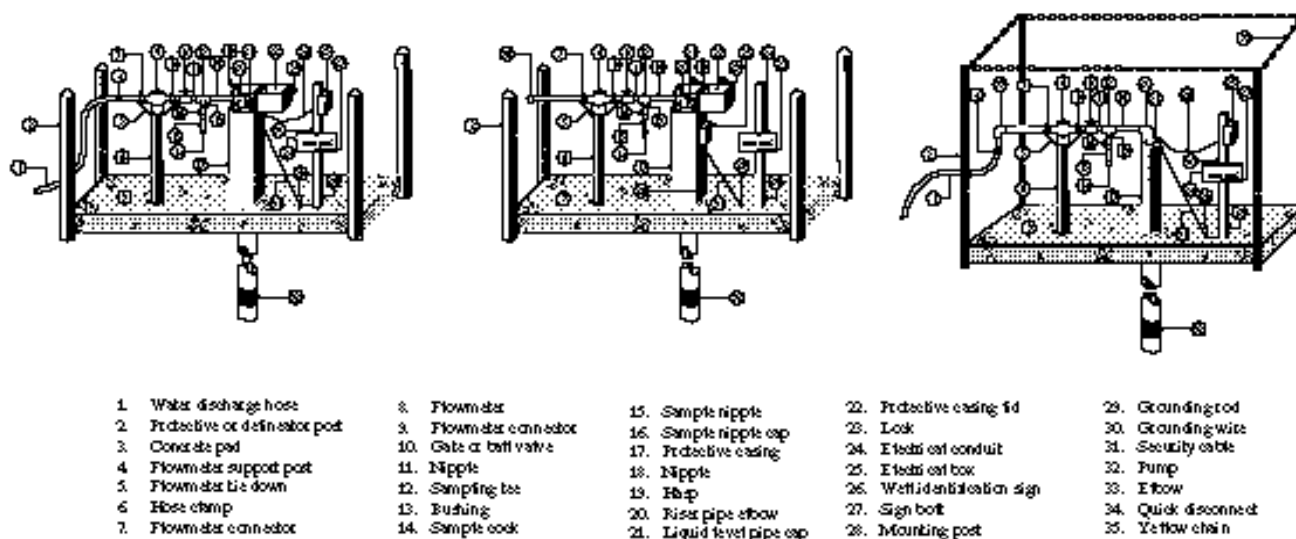


Figure 3. Three Types of Groundwater Monitoring Wellheads

Table 3. Comments from the Field Data

Well	Date	Comments
AS Series		
AS 1	06/21/00	Turbidity greater than 1,000 NTU
AS 7	06/21/00	Obstruction, not dissolved oxygen capable
AS 8	06/21/00	Not enough water to sample; dissolved oxygen only
AS 11	06/21/00	Too muddy to sample; turbidity greater than 1,000 NTU
AS 13	06/21/00	Too muddy
BGO Series		
BGO 2D	05/11/00	No water in standpipe; surges; flowmeter inoperable at low flow rates
BGO 3A	05/11/00	Pump trips breaker, generator possibly inoperable; unable to sample
	05/12/00	Generator has faulty breaker; purged through sample valve
BGO 3C	05/11/00	Generator breaker faulty; unable to sample
BGO 4D	05/12/00	No water in standpipe; dry well
BGO 5D	05/16/00	Flowmeter not used
BGO 6D	05/08/00	Dry after 10 gal
BGO 8AR	05/17/00	No water to surface
BGO 9C	05/05/00	Well went dry during purging
BGO 9D	05/04/00	Dry after 16 gal
	05/05/00	Well went dry during purging
BGO 10C	05/04/00	Dry after 40 gal
BGO 10DR	05/04/00	Dry after 1 gal
	05/05/00	Well went dry during purging
BGO 12CX	05/10/00	Dry after 1 gal
	05/11/00	Dry after 1 gal
BGO 13DR	05/04/00	Dry after 4 gal
BGO 26A	05/11/00	Dry after 31 gal
BGO 26D	05/10/00	Dry after 6 gal
BGO 27D	05/12/00	Dry after 10 gal
BGO 28D	05/15/00	Dry after 6 gal
	05/16/00	Dry after 1 gal
BGO 29D	05/05/00	Pumped dry
BGO 30C	05/15/00	Dry after 40 gal
	05/16/00	Flowmeter leaking from bottom; unable to sample
	05/17/00	Dry after 34 gal
	05/18/00	Well went dry during purging
BGO 30D	05/15/00	Gate valve broken; unable to sample
BGO 31C	05/16/00	Flowmeter inoperable at low flow rates
BGO 31D	05/12/00	Dry after 8 gal
BGO 32	05/12/00	Dry after 4 gal
BGO 32D	05/12/00	Dry after 4 gal
BGO 33D	05/12/00	Breaker keeps tripping; unable to sample
	05/19/00	Dry after 7 gal
BGO 34D	05/15/00	Flowmeter inoperable at low flow rates
BGO 35D	05/15/00	Flowmeter inoperable
BGO 36D	05/15/00	Flowmeter inoperable at low flow rates
BGO 37D	05/15/00	Dry after 15 gal; flowmeter not used
	05/16/00	Dry after 15 gal
BGO 38D	05/08/00	Flowmeter inoperable
BGO 39D	05/04/00	Pumped dry
	05/05/00	Well went dry during purging
BGO 45B	05/10/00	Dry after 40 gal
BGO 45C	05/10/00	Surges; discharges through sampling port
BGO 45D	05/10/00	Flowmeter inoperable
BGO 46C	05/16/00	Dry after 26 gal

Well	Date	Comments
BRD Series		
BRD 1	05/30/00	Pumps sand
BRD 2	05/30/00	Surges; flowmeter sticks
BRD 3	04/19/00	Well will not start
	05/30/00	Pumps sand
BRD 4D	05/30/00	Flowmeter sticks, inoperable
BRR Series		
BRR 3D	05/15/00	Dry after 20 gal
	05/17/00	Flowmeter inoperable at low flow rates
BRR 5D	05/15/00	Dry after 4 gal
CBR Series		
CBR 1D	05/17/00	Surges
CCB Series		
CCB 2	05/16/00	Turbidity greater than 1,000; surges; water muddy
CMP Series		
CMP 49D	06/29/00	Pumped dry
	06/30/00	Dry after 6 gal
CMP 50D	06/28/00	Dry after 7 gal; purged about 6 gal
CRP Series		
CRP 3D	05/01/00	No pressure; unable to sample
	05/02/00	Pumped dry
	05/03/00	Dry after 2 gal
	05/23/00	Dry after 1 gal
	06/28/00	Dry after 1 gal
	06/29/00	Dry after 1 gal
CRP 17DU	05/02/00	Dry after ½ gal; broken
	05/03/00	Pumped dry
	05/31/00	Dry after 1 gal
	06/20/00	Pumped dry
	06/21/00	Dry after 3 gal; turbidity will not drop below 15 NTUs before well goes dry
CSD Series		
CSD 1D	06/20/00	Only took water level, well has been removed
	06/22/00	Blank sample collected
CSD 2D	06/21/00	Dry well
CSD 4D	06/21/00	Flowmeter inoperable
CSD 9D	06/21/00	Flowmeter inoperable
CSD 11D	06/19/00	Pumped dry
CSD 12D	06/20/00	Flowmeter was not working
DBP Series		
DBP 1	04/26/00	Flowmeter inoperable
FSB Series		
FSB 78C	04/03/00	Dry after 58 gal
	04/25/00	Dry after 39 gal
FSB 87D	04/03/00	Flowmeter inoperable, established flow rate in a 3 gal bucket
FSB 91C	04/04/00	Dry after 28 gal
FSB 93D	04/04/00	Dry after 5 gal
FSB 94C	04/10/00	Dry after 26 gal
FSB 97D	04/10/00	Dry after 7 gal

Field Notes

Well	Date	Comments
FSB 98D	04/04/00	Dry after 30 gal
FSB100A	05/01/00	Flowmeter sticks
FSB102D	04/11/00	Dry after 12 gal
FSB106D	04/28/00	Dry well; no water in standpipe; no water to surface
FSB108D	04/10/00	Dry after 5 gal
FSB113A	04/05/00	Dry after 41 gal
FSB113D	04/11/00	Dry well
FSB115C	04/11/00	Dry after 11 gal
FSB115D	04/11/00	Dry after 3 gal
FSB116D	04/11/00	Dry after 1 gal
	05/01/00	Flowmeter stopped after 1 gal; purge through sample valve
FSB119D	04/10/00	Dry after 11 gal
	04/11/00	Dry after 9 gal
FSB120A	04/05/00	Dry after 20 gal
FSB120D	04/05/00	Dry after 7 gal
FSL Series		
FSL 1D	05/03/00	Pumped dry
FSL 2D	05/01/00	Flowmeter not used
FSL 3D	05/01/00	Flowmeter not used
FSL 4D	05/01/00	Dry well
FSL 6D	05/01/00	Pumped dry
	05/02/00	Dry after 4 gal
FSL 8D	05/01/00	Trips breaker on generator
FSS Series		
FSS 1D	05/09/00	Flowmeter inoperable at low flow rates
FSS 2D	05/09/00	Flowmeter inoperable at low flow rates
FSS 3D	05/09/00	Flowmeter inoperable at low flow rates
FSS 4D	05/09/00	Flowmeter inoperable
HSB Series		
HSB 68C	04/13/00	Dry after 20 gal
HSB 70C	04/11/00	Dry after 35 gal
	05/01/00	Pumped dry
HSB 71	04/18/00	Flowmeter inoperable
HSB 84C	04/12/00	Dry after 143 gal
HSB 85B	04/14/00	Dry after 41 gal
	05/08/00	Dry after 49 gal; pump kicks out breaker; flowmeter stopped after 44 gal
	05/19/00	Dry after 47 gal
HSB 86A	04/13/00	Overloads generator
HSB102D	04/11/00	Dry after 12 gal
HSB109D	04/13/00	Dry well; no water in standpipe
HSB110C	04/18/00	Surging down to pump at ~7 gal; flowmeter intermittent
HSB110D	04/18/00	No water in standpipe; flowmeter inoperable; measured volume with bucket
HSB111C	04/18/00	Flowmeter inoperable
HSB111D	04/10/00	Generator shut down while well was purging; unable to sample
HSB112D	04/18/00	Flowmeter inoperable
HSB112E	04/18/00	Dry after 2 gal; no water in standpipe
HSB113C	04/18/00	Surges
HSB113D	04/11/00	Dry well
HSB114C	04/11/00	No water in standpipe
HSB115D	04/11/00	Dry after 3 gal
HSB116D	04/13/00	Dry after 6 gal
HSB117D	04/19/00	Flowmeter locked up
HSB120A	04/19/00	Flowmeter locked up; sporadic
HSB123A	04/13/00	Pumped dry

Field Notes

Well	Date	Comments
HSB125C	04/19/00	Surges
HSB126D	04/19/00	Flowmeter inoperable
HSB127C	04/24/00	Surges; flowmeter only registers at high flow rates, needs replacing
HSB129D	04/24/00	Surges
HSB130D	04/25/00	Flowmeter not registering
HSB131D	04/24/00	Surges; initial water is dark orange
HSB136C	05/01/00	Pumped dry
HSB138D	04/24/00	Surges
HSB139C	05/01/00	Dry after 24 gal
HSB140A	04/25/00	Flowmeter sticks, needs replacing
HSB141D	04/20/00	Cracked valve; flowmeter inoperable at low flow rates
HSB142D	04/25/00	Flowmeter inoperable; variable speed pump suggested
HSB142D	05/09/00	Flowmeter inoperable
HSB143D	04/25/00	Flowmeter sticks, needs replacing
HSB145C	04/27/00	Surges
HSB146A	04/20/00	Flowmeter locks up, needs replacing
HSB146D	04/20/00	Flowmeter inoperable at low flow rates
HSB148C	04/25/00	Turbidity greater than 15 NTU; flowmeter inoperable at low volume
HSB148D	04/25/00	Flowmeter inoperable at low volume
HSB149D	04/27/00	Flowmeter inoperable
HSB150D	04/27/00	Flowmeter sticks, inoperable
HSB151C	04/27/00	Flowmeter sticks at low flow rates
HSB151D	05/09/00	Flowmeter sticks at low flow rates
HSB152D	04/27/00	Dry after 9 gal; no water in standpipe; surges; flowmeter inoperable; highly aerated, needs variable pump
HSL Series		
HSL 1D	04/27/00	Flowmeter inoperable
HSL 2D	04/28/00	Low flow rate, flowmeter not used
HSL 3D	04/27/00	No flowmeter; turbidity at 71,000 NTU
HSL 4D	04/27/00	Flowmeter stopped at 526; turbid at start up
HSL 5D	04/28/00	Low flow rate, flowmeter not used
HSL 6D	04/28/00	Low flow rate, flowmeter not used
HSL 7D	04/28/00	Low flow rate, flowmeter not used
HSL 8D	04/28/00	Low flow rate, flowmeter not used
KDB Series		
KDB 1	04/27/00	Dry after 15 gal
	06/30/00	12 gal purged through sample port
KDB 3	04/27/00	Dry after 17 gal
	05/19/00	Dry after 15 gal
	06/30/00	12 gal purged through sample port
KDB 4	04/27/00	Dry after 3 gal
	05/19/00	Dry after 4 gal
	06/30/00	No water in standpipe; dry after 1 gal; 1 gal purged through sample port
KDB 5	04/25/00	Pumped dry
	05/19/00	Dry after 4 gal
	06/30/00	Dry after 5 gal
LDB Series		
LDB 1	04/27/00	Dry after 16 gal
	05/19/00	10 gal added through sample port
	06/30/00	Dry after 28 gal; 5 gal purged through sample port
LDB 2	04/27/00	Dry after 18 gal
	05/19/00	Dry after 28 gal
	06/30/00	22 gal purged through sample port

Field Notes

Well	Date	Comments
LDB 4	04/27/00 05/19/00 06/30/00	Pumped dry Pumped dry Dry after 4 gal; 3 gal purged through sample port
LFW Series		
LFW 41R	06/14/00	Flowmeter was not working
LFW 58D	06/12/00	Sample collection could not be completed due to inaccessibility or mechanical failure
LFW 61D	06/16/00 06/19/00 06/20/00	Sample collection could not be completed due to inaccessibility or mechanical failure, no water to surface Well went dry before sampling began No water to surface
LFW 62D	06/16/00 06/15/00	Dry after 28 gal Dry after 28 gal
LFW 65C	06/15/00	Flowmeter was not working properly
LFW 67C	06/15/00	Flowmeter inoperable, purged into a 5 gal bucket
MSB Series		
MSB 75C	04/28/00	Dry after 6 gal
RPC Series		
RPC 3DU	05/17/00 05/18/00 06/05/00	Dry after 1 gal Dry after 1 gal Dry well
RPC 4DU	05/17/00 05/18/00 06/05/00	Dry after 3 gal Dry after 2 gal Dry after 1 gal
RPC 8DU	06/06/00 05/17/00 05/18/00 06/06/00	Dry after 1 gal Dry after 1 gal Dry after 1 gal Dry after 1 gal
RPC 10DU	06/05/00 06/06/00	Dry after 1 gal Dry after 1 gal
RPC 11DU	06/07/00 06/08/00	Well went dry during purging Well went dry during purging
RSB Series		
RSB 7	06/05/00	Dry well; no water in standpipe
RSB 9	06/06/00	Hand pump
RSD Series		
RSD 2C	06/07/00	Dry well; no water in standpipe
RSD 3	06/07/00	No water in standpipe; well went dry during purging
RSD 4	06/09/00	Dry after 7 gal
RSE Series		
RSE 1A	06/07/00	Dry well
RSE 2	06/05/00 06/06/00	Dry after 2 gal Dry after 2 gal
RSE 3A	06/05/00 06/06/00	Pumped dry Dry after 7 gal
RSE 10	06/07/00	Dry well; no water in standpipe
RSF Series		
RSF 1	06/06/00	Well needs maintenance; unable to sample; hand pump
RSP Series		
RSP 4D	06/07/00	Well went dry during purging

Well	Date	Comments
	06/08/00	Well went dry during purging
RWM Series		
RWM 1	06/02/00	Depth to water not measured because water-level tape not long enough
RWM 2	06/02/00	Depth to water not measured because water-level tape not long enough
RWM 3	05/25/00	Unable to take water level
RWM 14C	06/01/00	Unable to take water level
SRW Series		
SRW 2	05/02/00	Pump loading up generator, trips control box overload; unable to sample
SRW 4	05/02/00	Dry well
SRW 7	05/02/00	No water in standpipe; pumping sand
SRW 12C	05/02/00	No water in standpipe
SRW 19	05/02/00	No water in standpipe; no water to surface
SVE Series		
SVE 1	06/22/00	Water too muddy to sample
SVE 2	06/22/00	Water too muddy to sample
SVE 3	06/22/00	Water too muddy to sample
SVE 5	06/22/00	Water too muddy to sample
SVE 6	06/22/00	Water too muddy to sample
SVE 8	06/22/00	Water too muddy to sample
SVE 16	06/22/00	Water too muddy to sample
SVE 17	06/22/00	Water too muddy to sample
TBG Series		
TBG 3	04/27/00	Dry after 3 gal
TBG 4	04/27/00	Dry after 14 gal
TBG 5	04/26/00	Flowmeter inoperable, purged in 3 gal bucket
TIR Series		
TIR 2	05/11/00	Hand pump
TNX Series		
TNX 2D	04/26/00	Close out flowmeter after 4 gal
TNX 3D	04/26/00	Dry after 4 gal
TNX 4D	04/26/00	Dry after 4 gal; no water in standpipe
TNX 5D	04/26/00	Dry after 2 gal; pump through sampling port; no water in standpipe
TNX 6D	04/26/00	Dry after 4 gal; sampling could not be completed due to inaccessibility or mechanical failure; no water in standpipe
TNX 7D	04/26/00	Flowmeter stopped after 14 gal
TNX 37D	04/24/00	Battery dead; unable to sample

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, ML, 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. Microseeps, Inc. (MS), of Pittsburgh, PA, performed several analyses for the D-Area Oil Seepage Basin sampling project; however, the MS results weren't available for publication in this report.
- 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.

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 / 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 no reported results as low compared with historical data.

Results for several wells were rejected due to low abundance for actinium-228, bismuth-214, cesium-137, cobalt-60, europium-154, europium-155, iodine-129, lead-212, potassium-40, promethium-146, thorium-230, and uranium-238.

Results for at least one well were rejected due to interference for zinc-65; results for several wells were rejected due to thorium-229 taildown for thorium-230.

In addition, results for several wells were rejected due to americium-241 taildown for curium-245/246; results for several wells were rejected due to no valid peak for bismuth-214, lead-212, and potassium-40.

Review of ML'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 7 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 8 as low compared with historical data. A review of the laboratory records did not reveal any problems with the analyses.

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 9 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.

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 second quarter 2000 were conducted using EPA and other methods as noted in tables 11–16 at the end of this section. EX, GE, WA, and ML 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, table 13 for WA, and table 14 for ML..

GP and TM performed the radionuclide analyses during second quarter 2000. 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 91D, 99D, 120D; KCB 1
Cadmium	FSB 87D, 107D
Chromium	KCB 1
Iron	KCB 1
Lead	FSB 76A†, 93D†
Nitrate-nitrite as nitrogen	FSB 91D, 99D; HSB121A, 136C
Specific conductance	FSB 99A; HSB144A

† 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)
Specific conductance	FSB 98C, 104C; FSL 7D; HSB 67

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

Analyte	Well(s)
Gross alpha	BRD 2†; HSB129C; HTF 6❖
Nonvolatile beta	BRD 2†
Strontium-90	BGO 26D†

† 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 7. ML Samples with High Analytical Results as Compared to Historical Data

Analyte	Well(s)
Aluminum	BGO 3A†; LFW 69D†
Arsenic	LFW 69D†
Barium	BGO 29C†, 29D†, 45B†, 45C†, 45D†, 46B†, 47C†, 50C†, 50D†; FSS 1D†, 2D†, 3D†; HSB142C†, 142D†, 151C†, 151D
1,2-Dichloroethylene	CRP 3D†
Gross alpha	BGO 6B†; HSB 85C, 138D†
Iron	BGO 12DR†, 27C†; LFW 31†, 69D†
Manganese	LFW 45D
Nonvolatile beta	BGO 6B†
Tritium	BGO 14DR; FSB 76A†, 76B, 76C†, 118D; HSB117A†
Zinc	BGO 9D†, 26A†, 39A†; FSS 1D†; HSB142C†

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 8. ML Samples with Low Analytical Results as Compared to Historical Data

Analyte	Well(s)
Trichloroethylene	BGO 14CR

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

Analyte	Well(s)
Iron	BGO 7D, 8C, 14DR

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

Analyte	Well(s)
Tritium	KDB 1, LDB 2†

† 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
Acrolein	µg/L	EPA8260B	50.0
Acrylonitrile	µg/L	EPA8260B	10.0

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Aldrin	µg/L	EPA8081A	0.1
Allyl chloride	µg/L	EPA8260B	5.0
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	5.0/500
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
Bromochloromethane	µg/L	EPA8260B	5.0
Bromodichloromethane	µg/L	EPA8260B	5.0/500
Bromoform	µg/L	EPA8260B	5.0/500
Bromomethane	µg/L	EPA8260B	5.0/500
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	5.0/500
alpha-Chlordane	µg/L	EPA8081A	0.1
gamma-Chlordane	µg/L	EPA8081A	0.1
Chlorobenzene	µg/L	EPA8260B	5.0/500
4-Chloro-m-cresol	µg/L	EPA8270C	10.0
Chloroethane	µg/L	EPA8260B	5.0/500
Chloroethene	µg/L	EPA8260B	5.0/500
2-Chloroethyl vinyl ether	µg/L	EPA8260B	5.0/500
Chloroform	µg/L	EPA8260B	5.0/500
Chloromethane	µg/L	EPA8260B	5.0/500
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
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
p,p'-DDT	µg/L	EPA8081A	0.2
Dibenz[a,h]anthracene	µg/L	EPA8270C	10.0
Dibromochloromethane	µg/L	EPA8260B	5.0/500
1,2-Dibromo-3-chloropropane	µg/L	EPA8260B	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	20.0

Analytical Data Review

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Dichlorodifluoromethane	µg/L	EPA8260B	5.0
1,1-Dichloroethane	µg/L	EPA8260B	5.0/500
1,2-Dichloroethane	µg/L	EPA8260B	5.0/500
1,1-Dichloroethylene	µg/L	EPA8260B	5.0/500
cis-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/500
trans-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/500
Dichloromethane	µg/L	EPA8260B	10.0/1,000
2,4-Dichlorophenol	µg/L	EPA8270C	10.0
1,2-Dichloropropane	µg/L	EPA8260B	5.0/500
1,3-Dichloropropane	µg/L	EPA8260B	5.0
2,2-Dichloropropane	µg/L	EPA8260B	5.0
1,1-Dichloropropene	µg/L	EPA8260B	5.0
cis-1,3-Dichloropropene	µg/L	EPA8260B	5.0/500
trans-1,3-Dichloropropene	µg/L	EPA8260B	5.0/500
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
1,2-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	5.0/500
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	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
Isophorone	µg/L	EPA8270C	10.0
Lead	µg/L	EPA6010B	10.0
Lindane	µg/L	EPA8081A	0.1
Mercury	µg/L	EPA7470A	0.5
Methacrylonitrile	µg/L	EPA8260B	200
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	25.0
Methyl ethyl ketone	µg/L	EPA8260B	20.0
Methyl isobutyl ketone	µg/L	EPA8260B	10.0
Methyl methacrylate	µg/L	EPA8260B	20.0
Naphthalene	µg/L	EPA8270C	10.0
Nickel	µg/L	EPA6010B	50.0
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

Analytical Data Review

Analyte	Unit	Method	Minimum/Maximum EQLs
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
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	5.0/500
Tetrachloroethylene	µg/L	EPA8260B	5.0/500
Thallium	µg/L	EPA6010B	10.0
Toluene	µg/L	EPA8260B	5.0/500
Toxaphene	µg/L	EPA8081A	2.0
1,2,4-Trichlorobenzene	µg/L	EPA8270C	10.0
1,1,1-Trichloroethane	µg/L	EPA8260B	5.0/500
1,1,2-Trichloroethane	µg/L	EPA8260B	5.0/500
Trichloroethylene	µg/L	EPA8260B	5.0/500
Trichlorofluoromethane	µg/L	EPA8260B	5.0/500
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
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	0.971/1.0
Acenaphthylene	µg/L	EPA8270C	0.971/1.0
Acetone	µg/L	EPA8260B	5.0
Acetophenone	µg/L	EPA8270C	10.0
2-Acetylaminofluorene	µg/L	EPA8270C	10.0
Aldrin	µg/L	EPA8081A	0.0194/0.0404
Alkalinity (as CaCO ₃)	meq/L	EPA310.1	1,000/2,000
Aluminum	µg/L	EPA6010B	50.0
	µg/L	EPA6020	15.0
4-Aminobiphenyl	µg/L	EPA8270C	10.0
Aniline	µg/L	EPA8270C	10.0
Anthracene	µg/L	EPA8270C	0.971/1.0
Antimony	µg/L	EPA6010B	10.0
	µg/L	EPA6020	2.0
Aramite	µg/L	EPA8270C	10.0
Arsenic	µg/L	EPA6010B	5.0
	µg/L	EPA6020	3.0
Barium	µg/L	EPA6010B	5.0
	µg/L	EPA6020	2.0
Benzene	µg/L	EPA8260B	1.0/10.0
alpha-Benzene hexachloride	µg/L	EPA8081A	0.0192/0.0208
beta-Benzene hexachloride	µg/L	EPA8081A	0.0192/0.0208
delta-Benzene hexachloride	µg/L	EPA8081A	0.0192/0.0208

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Benzo[a]anthracene	µg/L	EPA8270C	0.971/1.0
Benzo[b]fluoranthene	µg/L	EPA8270C	0.971/1.0
Benzo[k]fluoranthene	µg/L	EPA8270C	0.971/1.0
Benzo[g,h,i]perylene	µg/L	EPA8270C	0.971/1.0
Benzo[a]pyrene	µg/L	EPA8270C	0.971/1.0
Benzyl alcohol	µg/L	EPA8270C	10.0
Beryllium	µg/L	EPA6020	0.2/1.0
	µg/L	EPA6010B	5.0
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	9.71/10.0
Bis(2-chloroethyl) ether	µg/L	EPA8270C	9.71/10.0
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	9.71/10.0
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	0.962/1.11
Boron	µg/L	EPA6010B	50.0
Bromodichloromethane	µg/L	EPA8260B	1.0/10.0
Bromoform	µg/L	EPA8260B	1.0/10.0
Bromomethane	µg/L	EPA8260B	1.0/10.0
4-Bromophenyl phenyl ether	µg/L	EPA8270C	9.71/10.0
Butylbenzyl phthalate	µg/L	EPA8270C	9.71/10.0
Cadmium	µg/L	EPA6020	1.0/5.0
	µg/L	EPA6010B	5.0
Calcium	µg/L	EPA6010B	100
Carbazole	µg/L	EPA8270C	0.971/10.0
Carbon disulfide	µg/L	EPA8260B	5.0
Carbon tetrachloride	µg/L	EPA8260B	1.0/10.0
alpha-Chlordane	µg/L	EPA8081A	0.0192/0.0208
gamma-Chlordane	µg/L	EPA8081A	0.0192/0.0208
Chloride	µg/L	EPA9056	100/10,000
4-Chloroaniline	µg/L	EPA8270C	9.71/10.0
Chlorobenzene	µg/L	EPA8260B	1.0/10.0
Chlorobenzilate	µg/L	EPA8270C	10.0
4-Chloro-m-cresol	µg/L	EPA8270C	9.71/10.0
Chloroethane	µg/L	EPA8260B	1.0/10.0
Chloroethene	µg/L	EPA8260B	1.0/10.0
2-Chloroethyl vinyl ether	µg/L	EPA8260B	5.0/50.0
Chloroform	µg/L	EPA8260B	1.0/10.0
Chloromethane	µg/L	EPA8260B	1.0/10.0
2-Chloronaphthalene	µg/L	EPA8270C	0.971/10.0
2-Chlorophenol	µg/L	EPA8270C	9.71/10.0
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	9.71/10.0
Chromium, hexavalent	µg/L	EPA7196A	10.0
Chromium	µg/L	EPA6010B	5.0
	µg/L	EPA6020	3.0
Chrysene	µg/L	EPA8270C	0.971/1.0
Cobalt	µg/L	EPA6010B	5.0
	µg/L	EPA6020	1.0
Copper	µg/L	EPA6010B	5.0
	µg/L	EPA6020	2.0
m/p-Cresol	µg/L	EPA8270C	9.71/10.0
o-Cresol	µg/L	EPA8270C	9.71/10.0
Cyanide	µg/L	EPA9012A	5.0
p,p'-DDD	µg/L	EPA8081A	0.0385/0.0417
p,p'-DDE	µg/L	EPA8081A	0.0385/0.0417
p,p'-DDT	µg/L	EPA8081A	0.0385/0.0417
Diallate	µg/L	EPA8270C	10.0
Dibenz[a,h]anthracene	µg/L	EPA8270C	0.971/1.0
Dibenzofuran	µg/L	EPA8270C	9.71/10.0
Dibromochloromethane	µg/L	EPA8260B	1.0/10.0
Di-n-butyl phthalate	µg/L	EPA8270C	9.71/10.0
1,2-Dichlorobenzene	µg/L	EPA8270C	9.71/10.0
1,3-Dichlorobenzene	µg/L	EPA8270C	9.71/10.0
1,4-Dichlorobenzene	µg/L	EPA8270C	9.71/10.0
3,3'-Dichlorobenzidine	µg/L	EPA8270C	9.71/10.0

Analytical Data Review

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
1,1-Dichloroethane	µg/L	EPA8260B	1.0/10.0
1,2-Dichloroethane	µg/L	EPA8260B	1.0/10.0
1,1-Dichloroethylene	µg/L	EPA8260B	1.0/10.0
1,2-Dichloroethylene	µg/L	EPA8260B	2.0
cis-1,2-Dichloroethylene	µg/L	EPA8260B	1.0/20.0
trans-1,2-Dichloroethylene	µg/L	EPA8260B	1.0/10.0
Dichloromethane	µg/L	EPA8260B	5.0/50.0
2,4-Dichlorophenol	µg/L	EPA8270C	9.71/10.0
2,4-Dichlorophenoxyacetic acid	µg/L	EPA8151A	0.2/0.5
1,2-Dichloropropane	µg/L	EPA8260B	1.0/10.0
cis-1,3-Dichloropropene	µg/L	EPA8260B	1.0/10.0
trans-1,3-Dichloropropene	µg/L	EPA8260B	1.0/10.0
Dieldrin	µg/L	EPA8081A	0.0385/0.0417
Diethyl phthalate	µg/L	EPA8270C	9.71/10.0
Dimethoate	µg/L	EPA8270C	10.0
2,4-Dimethyl phenol	µg/L	EPA8270C	9.71/10.0
Dimethyl phthalate	µg/L	EPA8270C	9.71/10.0
p-Dimethylaminoazobenzene	µg/L	EPA8270C	10.0
7,12-Dimethylbenz[a]anthracene	µg/L	EPA8270C	10.0
3,3'-Dimethylbenzidine	µg/L	EPA8270C	20.0
a,a-Dimethylphenethylamine	µg/L	EPA8270C	10.0
1,3-Dinitrobenzene	µg/L	EPA8270C	10.0
2,4-Dinitrophenol	µg/L	EPA8270C	19.4/20.0
2,4-Dinitrotoluene	µg/L	EPA8270C	9.71/10.0
2,6-Dinitrotoluene	µg/L	EPA8270C	9.71/10.0
Di-n-octyl phthalate	µg/L	EPA8270C	9.71/10.0
1,4-Dioxane	µg/L	EPA8270C	10.0
Diphenylamine	µg/L	EPA8270C	9.71/10.0
Disulfoton	µg/L	EPA8270C	10.0
Endosulfan sulfate	µg/L	EPA8081A	0.0385/0.0417
Endosulfan I	µg/L	EPA8081A	0.0192/0.0208
Endosulfan II	µg/L	EPA8081A	0.0385/0.0417
Endrin	µg/L	EPA8081A	0.0385/0.0417
Endrin ketone	µg/L	EPA8081A	0.0385/0.0417
Ethyl methacrylate	µg/L	EPA8270C	10.0
Ethyl methanesulfonate	µg/L	EPA8270C	10.0
Ethylbenzene	µg/L	EPA8260B	1.0/10.0
Famphur	µg/L	EPA8270C	10.0
Fluoranthene	µg/L	EPA8270C	0.971/1.0
Fluorene	µg/L	EPA8270C	0.971/1.0
Fluoride	µg/L	EPA9056	50.0
Heptachlor	µg/L	EPA8081A	0.0192/0.0208
Heptachlor epoxide	µg/L	EPA8081A	0.0192/0.0208
Hexachlorobenzene	µg/L	EPA8270C	9.71/10.0
Hexachlorobutadiene	µg/L	EPA8270C	9.71/10.0
Hexachlorocyclopentadiene	µg/L	EPA8270C	9.71/10.0
Hexachloroethane	µg/L	EPA8270C	9.71/10.0
Hexachlorophene	µg/L	EPA8270C	500
Hexachloropropene	µg/L	EPA8270C	10.0
2-Hexanone	µg/L	EPA8260B	5.0
Indeno[1,2,3-c,d]pyrene	µg/L	EPA8270C	0.971/1.0
Iron	µg/L	EPA6010B	50.0
	µg/L	EPA6020	25.0
Isodrin	µg/L	EPA8270C	10.0
Isophorone	µg/L	EPA8270C	9.71/10.0
Isosafrole	µg/L	EPA8270C	10.0
Kepone	µg/L	EPA8270C	10.0
Lead	µg/L	EPA6020	2.0/10.0
	µg/L	EPA6010B	5.0
Lindane	µg/L	EPA8081A	0.0192/0.0208
Lithium	µg/L	EPA6020	10.0
Magnesium	µg/L	EPA6010B	20.0

Analytical Data Review

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Manganese	µg/L	EPA6010B	10.0
Mercury	µg/L	EPA7470A	0.2/0.4
Methapyrilene	µg/L	EPA8270C	10.0
Methoxychlor	µg/L	EPA8081A	0.192/0.208
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	9.71/10.0
Methyl ethyl ketone	µg/L	EPA8260B	5.0
Methyl isobutyl ketone	µg/L	EPA8260B	5.0
Methyl methanesulfonate	µg/L	EPA8270C	10.0
3-Methylcholanthrene	µg/L	EPA8270C	10.0
2-Methylnaphthalene	µg/L	EPA8270C	0.971/1.0
Naphthalene	µg/L	EPA8270C	0.971/10.0
1,4-Naphthoquinone	µg/L	EPA8270C	10.0
1-Naphthylamine	µg/L	EPA8270C	10.0
2-Naphthylamine	µg/L	EPA8270C	10.0
Nickel	µg/L	EPA6010B	5.0
	µg/L	EPA6020	2.0
Nitrate as nitrogen	µg/L	EPA300.0	50.0
Nitrate-nitrite as nitrogen	µg/L	EPA353.1	50.0/10,000
m-Nitroaniline	µg/L	EPA8270C	9.71/10.0
o-Nitroaniline	µg/L	EPA8270C	9.71/10.0
p-Nitroaniline	µg/L	EPA8270C	9.71/10.0
Nitrobenzene	µg/L	EPA8270C	9.71/10.0
2-Nitrophenol	µg/L	EPA8270C	9.71/10.0
4-Nitrophenol	µg/L	EPA8270C	9.71/10.0
4-Nitroquinoline-1-oxide	µg/L	EPA8270C	10.0
N-Nitrosodi-n-butylamine	µg/L	EPA8270C	10.0
N-Nitrosodiethylamine	µg/L	EPA8270C	10.0
N-Nitrosodimethylamine	µg/L	EPA8270C	10.0
N-Nitrosodipropylamine	µg/L	EPA8270C	9.71/10.0
N-Nitrosomethylethylamine	µg/L	EPA8270C	10.0
N-Nitrosomorpholine	µg/L	EPA8270C	10.0
N-Nitrosopiperidine	µg/L	EPA8270C	10.0
N-Nitrosopyrrolidine	µg/L	EPA8270C	10.0
5-Nitro-o-toluidine	µg/L	EPA8270C	10.0
OCDD	µg/L	EPA8280A	0.01
PCB 1016	µg/L	EPA8082	0.0971/0.1
PCB 1221	µg/L	EPA8082	0.0971/0.1
PCB 1232	µg/L	EPA8082	0.0971/0.1
PCB 1242	µg/L	EPA8082	0.0971/0.1
PCB 1248	µg/L	EPA8082	0.0971/0.1
PCB 1254	µg/L	EPA8082	0.0971/0.1
PCB 1260	µg/L	EPA8082	0.0971/0.1
Pentachlorobenzene	µg/L	EPA8270C	10.0
Pentachloroethane	µg/L	EPA8270C	10.0
Pentachloronitrobenzene	µg/L	EPA8270C	10.0
Pentachlorophenol	µg/L	EPA8270C	9.71/10.0
pH	pH	EPA9040B	0.1
Phenacetin	µg/L	EPA8270C	10.0
Phenanthrene	µg/L	EPA8270C	0.971/1.0
Phenol	µg/L	EPA8270C	9.71/10.0
Phenols	µg/L	EPA9066	5.0
p-Phenylenediamine	µg/L	EPA8270C	20.0
2-Picoline	µg/L	EPA8270C	10.0
Potassium	µg/L	EPA6010B	100
Pronamid	µg/L	EPA8270C	10.0
Pyrene	µg/L	EPA8270C	0.971/1.0
Pyridine	µg/L	EPA8270C	10.0
Safrole	µg/L	EPA8270C	10.0
Selenium	µg/L	EPA6010B	5.0
	µg/L	EPA6020	3.0
Silica	µg/L	EPA6010B	213
Silicon	µg/L	EPA6010B	100

Analytical Data Review

Analyte	Unit	Method	Minimum/Maximum EQLs
Silver	µg/L	EPA6010B	5.0
	µg/L	EPA6020	1.0
Sodium	µg/L	EPA6010B	100
Specific conductance	µS/cm	EPA9050A	1.0
Styrene	µg/L	EPA8260B	1.0
Sulfate	µg/L	EPA9056	200/20,000
Sulfotep	µg/L	EPA8270C	10.0
1,2,4,5-Tetrachlorobenzene	µg/L	EPA8270C	10.0
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	1.0/10.0
Tetrachloroethylene	µg/L	EPA8260B	1.0/10.0
Thallium	µg/L	EPA6010B	10.0
	µg/L	EPA6020	0.5/5.0
Thionazin	µg/L	EPA8270C	10.0
Tin	µg/L	EPA6020	2.0
	µg/L	EPA6010B	10.0
Toluene	µg/L	EPA8260B	1.0/10.0
o-Toluidine	µg/L	EPA8270C	10.0
Total dissolved solids	µg/L	EPA160.1	10,000
Total organic carbon	µg/L	EPA9060	200
Total organic halogens	µg/L	EPA9020B	10.0/100
Total petroleum hydrocarbons	µg/L	EPA418.1	1,000/2,130
Total phosphates (as P)	µg/L	EPA365.4	50.0
Toxaphene	µg/L	EPA8081A	0.962/1.04
2,4,5-TP (Silvex)	µg/L	EPA8151A	0.2/0.5
1,2,4-Trichlorobenzene	µg/L	EPA8270C	9.71/10.0
1,1,1-Trichloroethane	µg/L	EPA8260B	1.0/10.0
1,1,2-Trichloroethane	µg/L	EPA8260B	1.0/10.0
Trichloroethylene	µg/L	EPA8260B	1.0/20.0
Trichlorofluoromethane	µg/L	EPA8260B	1.0/10.0
2,4,5-Trichlorophenol	µg/L	EPA8270C	9.71/10.0
2,4,6-Trichlorophenol	µg/L	EPA8270C	9.71/10.0
Trichlorotrifluoroethane	µg/L	EPA8260B	5.0/50.0
O,O,O-Triethyl phosphorothioate	µg/L	EPA8270C	10.0
1,3,5-Trinitrobenzene	µg/L	EPA8270C	10.0
Uranium	µg/L	EPA6010B	50.0
Vanadium	µg/L	EPA6010B	5.0
	µg/L	EPA6020	10.0
Vinyl acetate	µg/L	EPA8260B	5.0
Xylenes	µg/L	EPA8260B	3.0
Zinc	µg/L	EPA6010B	5.0
	µg/L	EPA6020	10.0

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	10.0/10.4
Acenaphthylene	µg/L	EPA8270C	10.0/10.4
Acetone	µg/L	EPA8260B	10.0
Acetonitrile	µg/L	EPA8260B	20.0
Acetophenone	µg/L	EPA8270C	10.0
2-Acetylaminofluorene	µg/L	EPA8270C	10.0
Acrolein	µg/L	EPA8260B	20.0
Acrylonitrile	µg/L	EPA8260B	5.0
Aldrin	µg/L	EPA8081A	0.05/0.052

Analytical Data Review

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Alkalinity (as CaCO ₃)	meq/L	EPA310.1	6,700/28,600
Allyl chloride	µg/L	EPA8260B	10.0
Aluminum, dissolved	µg/L	EPA6010B	146
Aluminum	µg/L	EPA6010B	146
4-Aminobiphenyl	µg/L	EPA8270C	10.0
Aniline	µg/L	EPA8270C	10.0
Anthracene	µg/L	EPA8270C	10.0/10.4
Antimony	µg/L	EPA6010B	27.0
Aramite	µg/L	EPA8270C	20.0
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
alpha-Benzene hexachloride	µg/L	EPA8081A	0.05/0.1
beta-Benzene hexachloride	µg/L	EPA8081A	0.05/0.052
delta-Benzene hexachloride	µg/L	EPA8081A	0.05/0.052
Benzo[a]anthracene	µg/L	EPA8270C	10.0/10.4
Benzo[b]fluoranthene	µg/L	EPA8270C	10.0/10.4
Benzo[k]fluoranthene	µg/L	EPA8270C	10.0/10.4
Benzo[g,h,i]perylene	µg/L	EPA8270C	10.0/10.4
Benzo[a]pyrene	µg/L	EPA8270C	10.0/10.4
Benzyl alcohol	µg/L	EPA8270C	10.0
Beryllium	µg/L	EPA6010B	1.6
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	10.0/10.4
Bis(2-chloroethyl) ether	µg/L	EPA8270C	10.0/10.4
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	10.0/10.4
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	10.0/20.0
Boron	µg/L	EPA6010B	266
Bromodichloromethane	µg/L	EPA8260B	5.0
Bromoform	µg/L	EPA8260B	5.0
Bromomethane	µg/L	EPA8260B	10.0
4-Bromophenyl phenyl ether	µg/L	EPA8270C	10.0/20.0
Butylbenzyl phthalate	µg/L	EPA8270C	10.0/10.4
Cadmium, dissolved	µg/L	EPA6010B	4.7
Cadmium	µg/L	EPA6010B	4.7
Calcium	µg/L	EPA6010B	471
Carbazole	µg/L	EPA8270C	10.0/10.4
Carbon disulfide	µg/L	EPA8260B	5.0
Carbon tetrachloride	µg/L	EPA8260B	5.0
	µg/L	EPA8021B	1.0
alpha-Chlordane	µg/L	EPA8081A	0.05/0.1
gamma-Chlordane	µg/L	EPA8081A	0.05/0.1
Chloride	µg/L	EPA9056	210
4-Chloroaniline	µg/L	EPA8270C	10.0/20.0
Chlorobenzene	µg/L	EPA8260B	5.0
Chlorobenzilate	µg/L	EPA8270C	10.0
4-Chloro-m-cresol	µg/L	EPA8270C	10.0/10.4
Chloroethane	µg/L	EPA8260B	10.0
Chloroethene	µg/L	EPA8260B	10.0
2-Chloroethyl vinyl ether	µg/L	EPA8260B	10.0
Chloroform	µg/L	EPA8260B	5.0
	µg/L	EPA8021B	1.0
Chloromethane	µg/L	EPA8260B	10.0
2-Chloronaphthalene	µg/L	EPA8270C	10.0/10.4
2-Chlorophenol	µg/L	EPA8270C	10.0/10.4
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	10.0/10.4
Chloroprene	µg/L	EPA8260B	5.0
Chromium, dissolved	µg/L	EPA6010B	7.0
Chromium	µg/L	EPA6010B	7.0
Chrysene	µg/L	EPA8270C	10.0/10.4
Cobalt	µg/L	EPA6010B	4.5

Analytical Data Review

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Copper	µg/L	EPA6010B	15.0
o-Cresol	µg/L	EPA8270C	10.0/20.0
p-Cresol	µg/L	EPA8270C	10.0/20.0
Cyanide	µg/L	EPA9014	15.2/50.0
	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	0.1/0.104
Diallate	µg/L	EPA8270C	10.0
Dibenz[a,h]anthracene	µg/L	EPA8270C	10.0/20.0
Dibenzofuran	µg/L	EPA8270C	10.0/20.0
Dibromochloromethane	µg/L	EPA8260B	5.0
1,2-Dibromo-3-chloropropane	µg/L	EPA8260B	5.0
1,2-Dibromoethane	µg/L	EPA8260B	5.0
Dibromomethane	µg/L	EPA8260B	5.0
Di-n-butyl phthalate	µg/L	EPA8270C	10.0/20.0
1,2-Dichlorobenzene	µg/L	EPA8270C	10.0/10.4
1,3-Dichlorobenzene	µg/L	EPA8270C	10.0/10.4
1,4-Dichlorobenzene	µg/L	EPA8270C	10.0/10.4
	µg/L	EPA8260B	5.0
3,3'-Dichlorobenzidine	µg/L	EPA8270C	10.0/20.0
trans-1,4-Dichloro-2-butene	µg/L	EPA8260B	20.0
Dichlorodifluoromethane	µg/L	EPA8260B	10.0
1,1-Dichloroethane	µg/L	EPA8260B	5.0
1,2-Dichloroethane	µg/L	EPA8260B	5.0
1,1-Dichloroethylene	µg/L	EPA8260B	5.0
1,2-Dichloroethylene	µg/L	EPA8260B	5.0
trans-1,2-Dichloroethylene	µg/L	EPA8260B	5.0
Dichloromethane	µg/L	EPA8260B	5.0
2,4-Dichlorophenol	µg/L	EPA8270C	10.0/20.0
2,4-Dichlorophenoxyacetic acid	µg/L	EPA8151A	1.0/1.06
1,2-Dichloropropane	µg/L	EPA8260B	5.0
cis-1,3-Dichloropropene	µg/L	EPA8260B	5.0
trans-1,3-Dichloropropene	µg/L	EPA8260B	5.0
Dieldrin	µg/L	EPA8081A	0.1/0.104
Diethyl phthalate	µg/L	EPA8270C	10.0/20.0
2,4-Dimethyl phenol	µg/L	EPA8270C	10.0/20.0
Dimethyl phthalate	µg/L	EPA8270C	10.0/20.0
p-Dimethylaminoazobenzene	µg/L	EPA8270C	10.0
7,12-Dimethylbenz[a]anthracene	µg/L	EPA8270C	10.0
3,3'-Dimethylbenzidine	µg/L	EPA8270C	10.0
a,a-Dimethylphenethylamine	µg/L	EPA8270C	10.0
1,3-Dinitrobenzene	µg/L	EPA8270C	10.0
2,4-Dinitrophenol	µg/L	EPA8270C	25.0/50.0
2,4-Dinitrotoluene	µg/L	EPA8270C	10.0/10.4
2,6-Dinitrotoluene	µg/L	EPA8270C	10.0/10.4
Di-n-octyl phthalate	µg/L	EPA8270C	10.0/20.0
1,4-Dioxane	µg/L	EPA8270C	10.0
Diphenylamine	µg/L	EPA8270C	10.0
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	0.1/0.104
Endrin ketone	µg/L	EPA8081A	0.1/0.104
Ethyl methacrylate	µg/L	EPA8270C	10.0
Ethyl methanesulfonate	µg/L	EPA8270C	10.0
Ethylbenzene	µg/L	EPA8260B	5.0
Fluoranthene	µg/L	EPA8270C	10.0/20.0
Fluorene	µg/L	EPA8270C	10.0/20.0
Fluoride	µg/L	EPA340.2	40.0
Heptachlor	µg/L	EPA8081A	0.05/0.052

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Heptachlor epoxide	µg/L	EPA8081A	0.05/0.1
Hexachlorobenzene	µg/L	EPA8270C	10.0/20.0
Hexachlorobutadiene	µg/L	EPA8270C	10.0/20.0
Hexachlorocyclopentadiene	µg/L	EPA8270C	10.0/20.0
Hexachloroethane	µg/L	EPA8270C	10.0/20.0
Hexachlorophene	µg/L	EPA8270C	100
Hexachloropropene	µg/L	EPA8270C	10.0
2-Hexanone	µg/L	EPA8260B	10.0
Indeno[1,2,3-c,d]pyrene	µg/L	EPA8270C	10.0/20.0
Iodomethane	µg/L	EPA8260B	5.0
Iron, dissolved	µg/L	EPA6010B	74.0
Iron	µg/L	EPA6010B	74.0
Isobutyl alcohol	µg/L	EPA8260B	100
Isophorone	µg/L	EPA8270C	10.0/20.0
Isosafrole	µg/L	EPA8270C	10.0
Lead, dissolved	µg/L	EPA6010B	47.0
Lead	µg/L	EPA6010B	47.0
Lindane	µg/L	EPA8081A	0.05/0.052
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
Mercury	µg/L	EPA7470A	0.7
Methacrylonitrile	µg/L	EPA8260B	10.0
Methapyrilene	µg/L	EPA8270C	10.0
Methoxychlor	µg/L	EPA8081A	0.5/1.0
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	25.0/50.0
Methyl ethyl ketone	µg/L	EPA8260B	10.0
Methyl isobutyl ketone	µg/L	EPA8260B	10.0
Methyl methacrylate	µg/L	EPA8270C	10.0
Methyl methanesulfonate	µg/L	EPA8270C	10.0
3-Methylcholanthrene	µg/L	EPA8270C	10.0
2-Methylnaphthalene	µg/L	EPA8270C	10.0/10.4
Naphthalene	µg/L	EPA8270C	10.0/20.0
1,4-Naphthoquinone	µg/L	EPA8270C	10.0
1-Naphthylamine	µg/L	EPA8270C	10.0
2-Naphthylamine	µg/L	EPA8270C	10.0
Nickel	µg/L	EPA6010B	26.0
Nitrate as nitrogen	µg/L	EPA353.2	20.0/100
Nitrate-nitrite as nitrogen	µg/L	EPA353.2	20.0/10,000
m-Nitroaniline	µg/L	EPA8270C	25.0/50.0
o-Nitroaniline	µg/L	EPA8270C	25.0/50.0
p-Nitroaniline	µg/L	EPA8270C	25.0/50.0
Nitrobenzene	µg/L	EPA8270C	10.0/20.0
2-Nitrophenol	µg/L	EPA8270C	10.0/20.0
4-Nitrophenol	µg/L	EPA8270C	25.0/26.0
4-Nitroquinoline-1-oxide	µg/L	EPA8270C	20.0
N-Nitrosodi-n-butylamine	µg/L	EPA8270C	10.0
N-Nitrosodiethylamine	µg/L	EPA8270C	10.0
N-Nitrosodimethylamine	µg/L	EPA8270C	10.0
N-Nitrosodiphenylamine	µg/L	EPA8270C	10.0/10.4
N-Nitrosodipropylamine	µg/L	EPA8270C	10.0/10.4
N-Nitrosomethylethylamine	µg/L	EPA8270C	10.0
N-Nitrosomorpholine	µg/L	EPA8270C	10.0
N-Nitrosopiperidine	µg/L	EPA8270C	50.0
N-Nitrosopyrrolidine	µg/L	EPA8270C	10.0
5-Nitro-o-toluidine	µg/L	EPA8270C	10.0
Octachlorodibenzo-p-dioxin	ng/L	EPA8280A	1.6
PCB 1016	µg/L	EPA8082	1.0/1.085
PCB 1221	µg/L	EPA8082	2.0/2.17
PCB 1232	µg/L	EPA8082	1.0/1.085
PCB 1242	µg/L	EPA8082	1.0/1.085

Analytical Data Review

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
PCB 1248	µg/L	EPA8082	1.0/1.085
PCB 1254	µg/L	EPA8082	1.0/1.085
PCB 1260	µg/L	EPA8082	1.0/2.0
Pentachlorobenzene	µg/L	EPA8270C	10.0
Pentachloroethane	µg/L	EPA8270C	10.0
Pentachloronitrobenzene	µg/L	EPA8270C	50.0
Pentachlorophenol	µg/L	EPA8270C	25.0/26.0
pH	pH	EPA9040B	0.1
Phenacetin	µg/L	EPA8270C	10.0
Phenanthrene	µg/L	EPA8270C	10.0/10.4
Phenol	µg/L	EPA8270C	10.0/10.4
Phenols	µg/L	EPA9066	37.0
p-Phenylenediamine	µg/L	EPA8270C	10.0
2-Picoline	µg/L	EPA8270C	10.0
Potassium	µg/L	EPA6010B	187
Pronamid	µg/L	EPA8270C	10.0
Propionitrile	µg/L	EPA8260B	50.0
Pyrene	µg/L	EPA8270C	10.0/10.4
Pyridine	µg/L	EPA8270C	10.0
Safrole	µg/L	EPA8270C	10.0
Selenium, dissolved	µg/L	EPA6010B	66.0
Selenium	µg/L	EPA6010B	66.0
Silica	µg/L	EPA6010B	1,350
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
Sulfate	µg/L	EPA9056	340/680
2,3,7,8-TCDD	ng/L	EPA8280A	1.2
1,2,4,5-Tetrachlorobenzene	µg/L	EPA8270C	10.0
1,1,1,2-Tetrachloroethane	µg/L	EPA8260B	5.0
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	5.0
Tetrachloroethylene	µg/L	EPA8260B	5.0
	µg/L	EPA8021B	1.0
Thallium	µg/L	EPA6010B	55.0
Tin	µg/L	EPA6010B	70.0
Toluene	µg/L	EPA8260B	5.0/25.0
o-Toluidine	µg/L	EPA8270C	10.0
Total dissolved solids	µg/L	EPA160.1	50,000
Total organic carbon	µg/L	EPA9060	1,000
Total organic halogens	µg/L	EPA9020B	120
Total petroleum hydrocarbons	µg/L	EPA418.1	10,000/10,500
Total phosphates (as P)	µg/L	EPA365.2	67.0
Toxaphene	µg/L	EPA8081A	5.0/5.2
2,4,5-TP (Silvex)	µg/L	EPA8151A	0.5/0.53
1,2,4-Trichlorobenzene	µg/L	EPA8270C	10.0/10.4
1,1,1-Trichloroethane	µg/L	EPA8260B	5.0
	µg/L	EPA8021B	1.0
1,1,2-Trichloroethane	µg/L	EPA8260B	5.0
Trichloroethylene	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0
Trichlorofluoromethane	µg/L	EPA8260B	5.0
2,4,5-Trichlorophenol	µg/L	EPA8270C	25.0/50.0
2,4,6-Trichlorophenol	µg/L	EPA8270C	10.0/20.0
1,2,3-Trichloropropane	µg/L	EPA8260B	5.0
1,3,5-Trinitrobenzene	µg/L	EPA8270C	10.0
Vanadium	µg/L	EPA6010B	6.9
Vinyl acetate	µg/L	EPA8260B	10.0
Xylenes	µg/L	EPA8260B	5.0
Zinc	µg/L	EPA6010B	53.0

Analytical Data Review

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
Acenaphthylene	µg/L	EPA8270C	2.0
Acetone	µg/L	EPA8260B	10.0/1,000
Actinium-228	µCi/mL	EPIA-013	9.96E-08/1.65E-07
Aldrin	µg/L	EPA8081A	0.0476/0.0521
Aluminum	µg/L	EPA6010B	40.0
Anthracene	µg/L	EPA8270C	2.0
Antimony	µg/L	EPA6010B	20.0
Antimony-125	µCi/mL	EPIA-013	8.5E-08/1.13E-07
Arsenic	µg/L	EPA6010B	20.0
Barium	µg/L	EPA6010B	15.0
Benzene	µg/L	EPA8260B	1.0/100
alpha-Benzene hexachloride	µg/L	EPA8081A	0.0476/0.0521
beta-Benzene hexachloride	µg/L	EPA8081A	0.0476/0.0521
delta-Benzene hexachloride	µg/L	EPA8081A	0.0476/0.0521
Benzo[a]anthracene	µg/L	EPA8270C	2.0
Benzo[b]fluoranthene	µg/L	EPA8270C	2.0
Benzo[k]fluoranthene	µg/L	EPA8270C	2.0
Benzo[g,h,i]perylene	µg/L	EPA8270C	2.0
Benzo[a]pyrene	µg/L	EPA8270C	2.0
Beryllium	µg/L	EPA6010B	5.0
Bismuth-212	µCi/mL	EPIA-013	4.32E-07/6.44E-07
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	2.0
Bis(2-chloroethyl) ether	µg/L	EPA8270C	1.8
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	2.0
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	5.0
Bismuth-214	µCi/mL	EPIA-013	3.49E-08/7.0E-08
Bromodichloromethane	µg/L	EPA8260B	1.0/100
Bromoform	µg/L	EPA8260B	1.0/100
Bromomethane	µg/L	EPA8260B	1.0/100
4-Bromophenyl phenyl ether	µg/L	EPA8270C	2.0
Butylbenzyl phthalate	µg/L	EPA8270C	2.0
Cadmium	µg/L	EPA6010B	25.0
Calcium	µg/L	EPA6010B	120
Carbazole	µg/L	EPA8270C	10.0
Carbon disulfide	µg/L	EPA8260B	5.0/500
Carbon tetrachloride	µg/L	EPA8260B	1.0/100
Cesium-134	µCi/mL	EPIA-013	2.7E-08/5.82E-08
Cesium-137	µCi/mL	EPIA-013	2.93E-08/4.84E-08
alpha-Chlordane	µg/L	EPA8081A	0.0476/0.0521
gamma-Chlordane	µg/L	EPA8081A	0.0476/0.0521
4-Chloroaniline	µg/L	EPA8270C	10.0
Chlorobenzene	µg/L	EPA8260B	1.0/100
4-Chloro-m-cresol	µg/L	EPA8270C	5.0
Chloroethane	µg/L	EPA8260B	1.0/100
Chloroethene	µg/L	EPA8260B	1.0/100
Chloroform	µg/L	EPA8260B	1.0/100
Chloromethane	µg/L	EPA8260B	1.0/100
2-Chloronaphthalene	µg/L	EPA8270C	2.0
2-Chlorophenol	µg/L	EPA8270C	5.0
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	2.0
Chromium	µg/L	EPA6010B	30.0
Chrysene	µg/L	EPA8270C	2.0

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Cobalt	µg/L	EPA6010B	20.0
Cobalt-60	µCi/mL	EPIA-013	8.41E-09/3.94E-08
Copper	µg/L	EPA6010B	60.0
m/p-Cresol	µg/L	EPA8270C	5.0
o-Cresol	µg/L	EPA8270C	5.0
Cyanide	µg/L	EPA9014	20.0
p,p'-DDD	µg/L	EPA8081A	0.0476/0.0521
p,p'-DDE	µg/L	EPA8081A	0.0476/0.0521
p,p'-DDT	µg/L	EPA8081A	0.0476/0.0521
Dibenz[a,h]anthracene	µg/L	EPA8270C	2.0
Dibenzofuran	µg/L	EPA8270C	2.0
Dibromochloromethane	µg/L	EPA8260B	1.0/100
Di-n-butyl phthalate	µg/L	EPA8270C	2.0
1,2-Dichlorobenzene	µg/L	EPA8270C	2.0
1,3-Dichlorobenzene	µg/L	EPA8270C	2.0
1,4-Dichlorobenzene	µg/L	EPA8270C	2.0
3,3'-Dichlorobenzidine	µg/L	EPA8270C	20.0
1,1-Dichloroethane	µg/L	EPA8260B	1.0/100
1,2-Dichloroethane	µg/L	EPA8260B	1.0/100
1,1-Dichloroethylene	µg/L	EPA8260B	1.0/100
1,2-Dichloroethylene	µg/L	EPA8260B	1.0/100
cis-1,2-Dichloroethylene	µg/L	EPA8260B	1.0/100
trans-1,2-Dichloroethylene	µg/L	EPA8260B	1.0/100
Dichloromethane	µg/L	EPA8260B	10.0/1,000
2,4-Dichlorophenol	µg/L	EPA8270C	5.0
1,2-Dichloropropane	µg/L	EPA8260B	1.0/100
cis-1,3-Dichloropropene	µg/L	EPA8260B	1.0/100
trans-1,3-Dichloropropene	µg/L	EPA8260B	1.0/100
Dieldrin	µg/L	EPA8081A	0.0476/0.0521
Diethyl phthalate	µg/L	EPA8270C	2.0
2,4-Dimethyl phenol	µg/L	EPA8270C	5.0
Dimethyl phthalate	µg/L	EPA8270C	2.0
2,4-Dinitrophenol	µg/L	EPA8270C	10.0
2,4-Dinitrotoluene	µg/L	EPA8270C	2.0
2,6-Dinitrotoluene	µg/L	EPA8270C	2.0
Di-n-octyl phthalate	µg/L	EPA8270C	2.0
Endosulfan sulfate	µg/L	EPA8081A	0.0476/0.0521
Endosulfan I	µg/L	EPA8081A	0.0476/0.0521
Endosulfan II	µg/L	EPA8081A	0.0476/0.0521
Endrin	µg/L	EPA8081A	0.0476/0.0521
Endrin ketone	µg/L	EPA8081A	0.0476/0.0521
Ethylbenzene	µg/L	EPA8260B	1.0/100
Europium-152	µCi/mL	EPIA-013	4.25E-08/7.86E-08
Europium-154	µCi/mL	EPIA-013	3.46E-08/5.51E-08
Europium-155	µCi/mL	EPIA-013	6.05E-08/8.87E-08
Fluoranthene	µg/L	EPA8270C	2.0
Fluorene	µg/L	EPA8270C	2.0
Gross alpha	µCi/mL	EPIA-001	2.68E-10/1.32E-08
Heptachlor	µg/L	EPA8081A	0.0476/0.0521
Heptachlor epoxide	µg/L	EPA8081A	0.0476/0.0521
Hexachlorobenzene	µg/L	EPA8270C	2.0
Hexachlorobutadiene	µg/L	EPA8270C	2.0
Hexachlorocyclopentadiene	µg/L	EPA8270C	2.0
Hexachloroethane	µg/L	EPA8270C	2.0
2-Hexanone	µg/L	EPA8260B	5.0/500
Indeno[1,2,3-c,d]pyrene	µg/L	EPA8270C	2.0
Iron	µg/L	EPA6010B	40.0
Isophorone	µg/L	EPA8270C	2.0
Lead	µg/L	EPA6010B	20.0
Lead-212	µCi/mL	EPIA-013	3.66E-08/1.24E-07
Lindane	µg/L	EPA8081A	0.0476/0.0521

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Magnesium	µg/L	EPA6010B	185
Manganese	µg/L	EPA6010B	10.0
Mercury	µg/L	EPA7470A	0.2
Methoxychlor	µg/L	EPA8081A	0.0476/0.0521
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	10.0
Methyl ethyl ketone	µg/L	EPA8260B	5.0/500
Methyl isobutyl ketone	µg/L	EPA8260B	5.0/500
2-Methylnaphthalene	µg/L	EPA8270C	2.0
Naphthalene	µg/L	EPA8270C	2.0
Nickel	µg/L	EPA6010B	60.0
m-Nitroaniline	µg/L	EPA8270C	5.0
o-Nitroaniline	µg/L	EPA8270C	5.0
p-Nitroaniline	µg/L	EPA8270C	24.0
Nitrobenzene	µg/L	EPA8270C	2.0
2-Nitrophenol	µg/L	EPA8270C	5.0
4-Nitrophenol	µg/L	EPA8270C	10.0
N-Nitrosodiphenylamine	µg/L	EPA8270C	2.0
N-Nitrosodipropylamine	µg/L	EPA8270C	5.0
Nonvolatile beta	µCi/mL	EPIA-001	6.74E-10/6.94E-09
PCB 1016	µg/L	EPA8082	0.952/1.04
PCB 1221	µg/L	EPA8082	0.952/1.04
PCB 1232	µg/L	EPA8082	0.952/1.04
PCB 1242	µg/L	EPA8082	0.952/1.04
PCB 1248	µg/L	EPA8082	0.952/1.04
PCB 1254	µg/L	EPA8082	0.952/1.04
PCB 1260	µg/L	EPA8082	0.952/1.04
Pentachlorophenol	µg/L	EPA8270C	10.0
Phenanthrene	µg/L	EPA8270C	2.0
Phenol	µg/L	EPA8270C	5.0
Potassium	µg/L	EPA6010B	1,870
Potassium-40	µCi/mL	EPIA-013	3.63E-07/6.33E-07
Promethium-146	µCi/mL	EPIA-013	2.94E-08/4.9E-08
Pyrene	µg/L	EPA8270C	2.0
Selenium	µg/L	EPA6010B	40.0
Silver	µg/L	EPA6010B	50.0
Sodium	µg/L	EPA6010B	675
Styrene	µg/L	EPA8260B	1.0/100
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	1.0/100
Tetrachloroethylene	µg/L	EPA8260B	1.0/100
Thallium	µg/L	EPA6010B	20.0/40.0
Thallium-208	µCi/mL	EPIA-013	2.54E-08/3.72E-08
Toluene	µg/L	EPA8260B	1.0/100
Toxaphene	µg/L	EPA8081A	2.38/2.6
1,2,4-Trichlorobenzene	µg/L	EPA8270C	1.35
1,1,1-Trichloroethane	µg/L	EPA8260B	1.0/100
1,1,2-Trichloroethane	µg/L	EPA8260B	1.0/100
Trichloroethylene	µg/L	EPA8260B	1.0/100
2,4,5-Trichlorophenol	µg/L	EPA8270C	5.0
2,4,6-Trichlorophenol	µg/L	EPA8270C	5.0
Tritium	µCi/mL	EPIA-002	4.59E-07/7.33E-07
Vanadium	µg/L	EPA6010B	30.0
Vinyl acetate	µg/L	EPA8260B	5.0/500
Xylenes	µg/L	EPA8260B	1.0/100
Zinc	µg/L	EPA6010B	30.0

Analytical Data Review

Table 15. Methods and Estimated Quantitation Limits Used by GP

Analyte	Unit	Method	Minimum/Maximum EQLs
Actinium-228	µCi/mL	EPIA-013	5.96E-09/2.53E-08
Americium-241	µCi/mL	EPIA-011	2.19E-11/3.4E-09
Antimony-125	µCi/mL	EPIA-013	4.84E-09/1.53E-08
Bismuth-212	µCi/mL	EPIA-013	1.46E-08/4.7E-08
Bismuth-214	µCi/mL	EPIA-013	4.45E-09/1.57E-08
Carbon-14	µCi/mL	EPIA-003	5.76E-09/4.23E-08
Cerium-144	µCi/mL	EPIA-013	1.26E-08/3.23E-08
Cesium-134	µCi/mL	EPIA-013	1.64E-09/5.08E-09
Cesium-137	µCi/mL	EPIA-013	2.07E-09/5.89E-09
Cobalt-57	µCi/mL	EPIA-013	1.55E-09/4.08E-09
Cobalt-60	µCi/mL	EPIA-013	2.03E-09/6.68E-09
CS136	µCi/mL	EPIA-013	3.36E-09/2.41E-08
Curium-242	µCi/mL	EPIA-011	1.09E-11/3.46E-09
Curium-243/244	µCi/mL	EPIA-011	1.06E-11/5.6E-09
Curium-245/246	µCi/mL	EPIA-011	1.23E-11/2.51E-09
Europium-152	µCi/mL	EPIA-013	5.32E-09/1.56E-08
Europium-154	µCi/mL	EPIA-013	5.14E-09/1.87E-08
Europium-155	µCi/mL	EPIA-013	6.08E-09/2.11E-08
Gross alpha	µCi/mL	EPIA-001	2.76E-10/1.18E-07
Iodine-129	µCi/mL	EPIA-006	1.01E-10/3.75E-08
Lead-212	µCi/mL	EPIA-013	3.31E-09/1.13E-08
Manganese-54	µCi/mL	EPIA-013	1.92E-09/5.57E-09
Neptunium-237	µCi/mL	EPIA-032	5.93E-11/3.26E-10
Nickel-59	µCi/mL	EPIA-022	1.19E-08/1.33E-08
Nickel-63	µCi/mL	EPIA-022	1.68E-08/7.48E-08
Nonvolatile beta	µCi/mL	EPIA-001	5.06E-10/1.86E-07
Plutonium-238	µCi/mL	EPIA-011	2.63E-11/3.82E-09
Plutonium-239/240	µCi/mL	EPIA-011	2.3E-11/2.43E-09
Plutonium-244	µCi/mL	EPIA-011	2.06E-11/2.12E-10
Potassium-40	µCi/mL	EPIA-013	1.97E-08/7.64E-08
Promethium-144	µCi/mL	EPIA-013	1.94E-09/5.73E-09
Promethium-146	µCi/mL	EPIA-013	2.34E-09/7.02E-09
Radium, total alpha-emitting	µCi/mL	EPIA-010	3.25E-10/3.91E-10
Radium-226	µCi/mL	EPIA-008	1.77E-10/2.43E-09
Radium-228	µCi/mL	EPIA-009	5.77E-10/2.76E-09
Radon-222	µCi/mL	EPIA-007	4.09E-08/8.06E-08
Ruthenium-106	µCi/mL	EPIA-013	1.83E-08/5.14E-08
Sodium-22	µCi/mL	EPIA-013	1.84E-09/6.18E-09
Strontium-89/90	µCi/mL	EPIA-004	8.15E-10/5.83E-09
Strontium-90	µCi/mL	EPIA-004	4.02E-10/1.23E-08
Technetium-99	µCi/mL	EPIA-005	3.34E-09/2.97E-08
Thallium-208	µCi/mL	EPIA-013	2.15E-09/7.06E-09
Thorium-228	µCi/mL	EPIA-012	4.58E-11/2.44E-09
Thorium-230	µCi/mL	EPIA-012	1.07E-11/1.47E-09
Thorium-232	µCi/mL	EPIA-012	7.99E-12/1.35E-09
Tritium	µCi/mL	EPIA-002	5.16E-07/3.5E-05
Uranium-233/234	µCi/mL	EPIA-011	2.36E-11/7.41E-09
Uranium-235	µCi/mL	EPIA-011	1.94E-11/7.93E-09
Uranium-238	µCi/mL	EPIA-011	9.21E-12/5.92E-09
Yttrium-88	µCi/mL	EPIA-013	2.09E-09/7.66E-09
Zinc-65	µCi/mL	EPIA-013	4.07E-09/1.21E-08

Table 16. Methods and Estimated Quantitation Limits Used by TM

Analyte	Unit	Method	Minimum/Maximum EQLs
Actinium-228	μCi/mL	EPA901.1MOD	2.255E-08/3.894E-08
Antimony-124	μCi/mL	EPA901.1MOD	5.94E-09/6.47E-09
Antimony-125	μCi/mL	EPA901.1MOD	1.567E-08/2.558E-08
Barium-133	μCi/mL	EPA901.1MOD	7.0E-09/7.45E-09
Bismuth-212	μCi/mL	EPA901.1MOD	7.397E-08/7.901E-08
Bismuth-214	μCi/mL	EPA901.1MOD	1.806E-08/1.971E-08
Cerium-144	μCi/mL	EPA901.1MOD	2.587E-08/2.59E-08
Cesium-134	μCi/mL	EPA901.1MOD	6.0E-09/9.54E-09
Cesium-137	μCi/mL	EPA901.1MOD	6.08E-09/1.501E-08
Cobalt-57	μCi/mL	EPA901.1MOD	3.29E-09/3.31E-09
Cobalt-58	μCi/mL	EPA901.1MOD	5.56E-09/6.7E-09
Cobalt-60	μCi/mL	EPA901.1MOD	7.43E-09/1.377E-08
Europium-152	μCi/mL	EPA901.1MOD	3.851E-08/8.729E-08
Europium-154	μCi/mL	EPA901.1MOD	1.717E-08/3.012E-08
Europium-155	μCi/mL	EPA901.1MOD	9.27E-09/2.187E-08
Gross alpha	μCi/mL	EPA900.0MOD	1.6E-10/3.18E-09
Iodine-129	μCi/mL	EPA902.0MOD	1.39E-09/1.015E-08
Lead-212	μCi/mL	EPA901.1MOD	9.57E-09/1.547E-08
Manganese-54	μCi/mL	EPA901.1MOD	5.93E-09/6.32E-09
Neptunium-239	μCi/mL	EPA901.1MOD	3.462E-08/3.541E-08
Nickel-63	μCi/mL	ASTM3500MOD	5.7E-09/2.333E-08
Nonvolatile beta	μCi/mL	EPA900.0MOD	9.8E-10/3.16E-09
Potassium-40	μCi/mL	EPA901.1MOD	5.569E-08/1.337E-07
Promethium-144	μCi/mL	EPA901.1MOD	6.48E-09/7.23E-09
Promethium-146	μCi/mL	EPA901.1MOD	1.163E-08/2.02E-08
Radium, total alpha-emitting	μCi/mL	EPA903.0MOD	3.3E-10/1.59E-09
Radium-228	μCi/mL	EPA904.0MOD	8.4E-10/3.71E-09
Ruthenium-106	μCi/mL	EPA901.1MOD	4.761E-08/5.542E-08
Sodium-22	μCi/mL	EPA901.1MOD	6.08E-09/7.64E-09
Strontium-90	μCi/mL	EMLSR02MOD	5.7E-10/1.74E-09
Technetium-99	μCi/mL	EICHROMTC1MOD	6.66E-09/4.011E-08
Thallium-208	μCi/mL	EPA901.1MOD	2.738E-08/2.999E-08
Tin-113	μCi/mL	EPA901.1MOD	6.53E-09/7.44E-09
Tritium	μCi/mL	EPA906.0MOD	2.9E-07/1.4288E-04
Uranium	μg/L	ASTMD5174M	0.03
Yttrium-88	μCi/mL	EPA901.1MOD	9.0E-09/9.5E-09
Zinc-65	μCi/mL	EPA901.1MOD	1.215E-08/1.567E-08
Zirconium-95	μCi/mL	EPA901.1MOD	1.098E-08/1.127E-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, ML, and WA, performed all analyses with the following exception: GP and TM performed radionuclide analyses for GE and WA; MS performed analyses for the D-Area Oil Basin project.

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 second quarter 2000 analytical results that have undergone the standard WSRC verification and validation process are included in the **Analytical Results** section (**Appendix B**) of this report; those that have not are in the **Analytical and Sampling Blank Results for Verification Projects**, section (**Appendix D**) 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

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

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:

$$\text{RD}_i = \frac{|x_i - y_i|}{z_i}$$

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

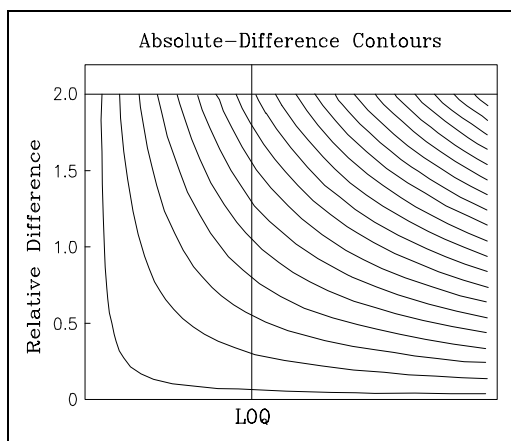


Figure 4. Relative Difference vs. the Mean

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 $\text{RD}_i = 2\%$. However, if $x_i = 3$ and $y_i = 1$, then $\text{RD}_i = 100\%$. 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.

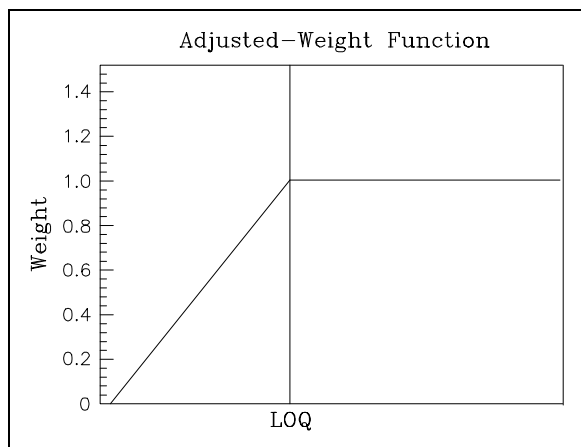


Figure 5. Relationship between w_i and Analyte Concentration

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.

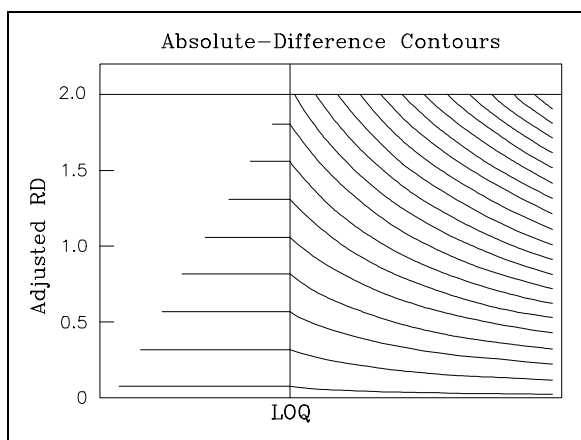


Figure 6. Effect of a Linear-Weight Function on the MRDadj

The MRDadj, then, has the following form:

$$\text{MRDadj} = \frac{\sum_{i=1}^n w_i \text{RD}_i}{n},$$
$$\text{where } w_i = \begin{cases} \frac{z_i}{\text{LOQ}} & ; \text{ if } z_i < \text{LOQ} \\ 1 & ; \text{ otherwise.} \end{cases}$$

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 27–34.

Analytes with significance-of-probability values less than .050 (tables 27–34) 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 27–34, 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 35 lists analytes and wells for which samples and blind replicates analyzed by GE yielded results where one was more than twice another.

Table 36 lists analytes and wells for which samples and blind replicates analyzed by WA yielded results where one was more than twice another.

Table 37 lists analytes and wells for which samples and laboratory duplicates analyzed by WA yielded results where one was more than twice another.

Table 38 lists analytes and wells for which samples and blind replicates analyzed by ML yielded results where one was more than twice another.

Table 39 lists analytes and wells for which samples and blind replicates analyzed by GP yielded results where one was more than twice another.

Table 40 lists analytes and wells for which samples and laboratory duplicates analyzed by TM yielded results where one was more than twice another.

Tables 41–46 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 second quarter 2000, 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 439, 581, 586, 589, 3228, 3229, 3431, 3437, 8920, 9988, 9999, and 99101). 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 second quarter 2000 quality control assessments. The laboratories' results and the certified values and limits are listed in tables 47–50.

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 results for toxaphene or pesticides since the extractions of both the toxaphene and pesticide vials did not meet the quality control criteria. Also, WA did not report total dissolved solids because the laboratory did not log in the ERA standard for the result. Neither MS or EM reported results for any analyses.

ML does not perform the following analyses: boron, cyanide, grease & oil, herbicides, inorganics, molybdenum, nutrients, phenols, strontium, total petroleum hydrocarbons, turbidity, m-xylene, and o-xylene. Consequently, the laboratory was not requested to report the results for these analyses. In addition, the ML results for the volatile organic compounds indicate a problem of an indeterminate nature that could not be resolved.

One hundred analyses were requested of each laboratory except ML (48 analyses were requested of this laboratory). Of the 98 analyses reported by EX, 93, or 94.9%, were within the PALs. Of the 92 analyses reported by GE, 83, or 90.2 %, were within the PALs. Of the 99 analyses reported by WA, 97, or 98.0 %, were within the PALs. Of the 48 analyses reported by ML, 43, or 89.6%, were within the PALs; there was not enough information to determine whether one analysis was within the PALs.

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 any QA/QC issues identified during the review 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 second quarter 2000 were conducted at EX, GE and GP, WA, ML, and TM during September and October 2000. The LDRR results are summarized below.

Second Quarter 2000 Records Review of EX

On October 19, 2000, laboratory data records were reviewed for inorganic and organic analyses conducted by EX during second quarter 2000. No technical issues of concern were identified during the review.

Second Quarter 2000 Records Review of GE and GP

On September 13 and 14, 2000, laboratory data records were reviewed for inorganic, organic, and radiological analyses conducted by GE and GP during second quarter 2000. No technical issues of concern were identified during the review.

Second Quarter 2000 Records Review of WA

On September 12 and 13, 2000, laboratory data records were reviewed for inorganic and organic analyses conducted by WA during second quarter 2000. No technical issues of concern were identified during the review.

Second Quarter 2000 Records Review of ML

On September 11 and 12, 2000, laboratory data records were reviewed for inorganic and organic analyses conducted by ML during second quarter 2000. Potential technical issues were discovered regarding pesticide and gamma spectroscopy analysis. These concerns will be discussed in a technical issues report under separate cover.

Second Quarter 2000 Records Review of TM

On September 11, 2000, laboratory data records were reviewed for radiochemical analyses conducted by TM during second quarter 2000. 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 72–75 list the statistical information for the field blanks by analyte for GE, WA, ML, and GP. 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 76–79 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.

Table 80 lists the statistical information for the analytes detected in equipment blanks for GP. The *Frequency of Detection* column gives the number of equipment 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.

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 second quarter 2000.

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 second quarter 2000.

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 second quarter 2000.

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 41–46 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. Tables 84 and 85 lists the reasons the laboratories did not perform certain analyses on samples from wells that could be sampled. For second quarter 2000, only GE and 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

<i>Well</i>	<i>Sample Date</i>	<i>Replicate</i>	<i>Associated Blank</i>
ABP 4	06/27/00	QA 45B	QA 46B
BGO 6C	05/16/00	QA 33B	QA 34B
BGO 8D	05/11/00	QA 35B	QA 36B
BGO 37C	05/15/00	QA 37B	QA 38B
BRD 3	04/25/00	QA 49B	QA 50B
CRP 3C	05/01/00	QA 71B	QA 72B
CRP 10D	05/22/00	QA 73B	Not applicable
CRP 17DU	05/03/00	QA 85B	Not applicable
DBP 3	04/26/00	QA 47B	QA 48B
DOB 21A	06/20/00	QA 83B	Not applicable
FSB 76C	04/03/00	QA 9B	QA 10B
FSB 87D	04/03/00	QA 11B	QA 12B
FSB 97A	04/03/00	QA 13B	QA 14B
FSB107C	04/03/00	QA 15B	QA 16B
FSB112C	04/10/00	QA 17B	QA 18B
HEX 9	06/13/00	QA 75B	QA 76B
HSB 69A	04/04/00	QA 19B	QA 20B
HSB 83C	04/04/00	QA 21B	QA 22B
HSB100C	04/04/00	QA 23B	QA 24B
HSB121A	04/04/00	QA 25B	QA 26B
HSB122A	04/04/00	QA 27B	QA 28B
HSB133C	04/04/00	QA 29B	QA 30B
HSB144A	04/05/00	QA 31B	QA 32B
KCB 6	05/09/00	QA 55B	QA 56B
LCO 6DL	Not sampled	QA 81B	QA 82B
LFW 45D	06/19/00	QA 57B	QA 58B
LFW 58D	06/13/00	QA 59B	QA 60B
MSB 91TB	04/12/00	QA 7B	Not applicable
P 26A	04/25/00	QA 61B	QA 62B
RSB 7	Not sampled	QA 79B	QA 80B
RWM 2	06/02/00	QA 1B	Not applicable
RWM 4	06/19/00	QA 3B	Not applicable
SRW 9	05/02/00	QA 43B	Not applicable
SSM 12B	04/30/00	QA 53B	Not applicable
SSM 14C	04/29/00	QA 67B	Not applicable
SSM 17B	05/30/00	QA 69B	QA 70B
TNX 9D	04/20/00	QA 63B	QA 64B
XSB 4D	04/25/00	QA 65B	QA 66B

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

<i>Analyte</i>	<i><u>Number of Analyses</u></i> <i>GE</i>	<i>WA</i>	<i>EX</i>	<i>ML</i>
Acenaphthene	4	4	—	—
Acenaphthylene	4	4	—	—
Acetone	3	9	4	16
Acetonitrile	—	2	4	—
Acetophenone	1	2	—	—
2-Acetylaminofluorene	1	2	—	—
Acrolein	—	2	4	—
Acrylonitrile	—	2	4	—
Aldrin	3	2	—	—
Allyl chloride	—	2	4	—
4-Aminobiphenyl	1	2	—	—
Aniline	1	2	—	—
Anthracene	4	4	—	—
Antimony	19	13	—	16
Aramite	1	2	—	—
Arsenic	20	15	2	16
Benzene	16	22	12	16
alpha-Benzene hexachloride	3	2	—	—
beta-Benzene hexachloride	3	2	—	—
delta-Benzene hexachloride	3	2	—	—
Benzo[a]anthracene	4	4	—	—
Benzo[b]fluoranthene	4	4	—	—
Benzo[k]fluoranthene	4	4	—	—
Benzo[g,h,i]perylene	4	4	—	—
Benzo[a]pyrene	4	4	—	—
Benzyl alcohol	1	2	—	—
Bis(2-chloroethoxy) methane	4	4	—	—
Bis(2-chloroethyl) ether	4	4	—	—
Bis(2-chloroisopropyl) ether	4	4	—	—
Bis(2-ethylhexyl) phthalate	8	8	—	—
Boron	3	14	—	—
Bromochloromethane	—	—	4	—
Bromodichloromethane	16	22	12	16
Bromoform	16	22	12	16
Bromomethane	16	22	12	16
4-Bromophenyl phenyl ether	4	4	—	—
Butylbenzyl phthalate	4	4	—	—
Carbazole	3	2	—	—
Carbon disulfide	3	9	4	16
alpha-Chlordane	3	2	—	—
gamma-Chlordane	3	2	—	—
4-Chloroaniline	4	4	—	—
Chlorobenzene	16	22	12	16
Chlorobenzilate	1	2	—	—
4-Chloro-m-cresol	3	2	—	—
Chloroethane	16	22	12	16
Chloroethene	16	22	12	16
2-Chloroethyl vinyl ether	12	13	7	—
2-Chloronaphthalene	4	4	—	—
2-Chlorophenol	3	2	—	—
4-Chlorophenyl phenyl ether	4	4	—	—
Chloroprene	—	2	4	—
Chrysene	4	4	—	—
Cobalt	18	9	—	16
m/p-Cresol	2	—	—	—
o-Cresol	3	2	—	—

Analyte	Number of Analyses			
	GE	WA	EX	ML
p-Cresol	—	2	—	—
Cyanide	47	7	—	4
p,p'-DDD	3	2	—	—
p,p'-DDE	3	2	—	—
p,p'-DDT	3	2	—	—
Diallate	1	2	—	—
Dibenz[a,h]anthracene	4	4	—	—
Dibenzofuran	4	4	—	—
Dibromochloromethane	16	22	12	16
1,2-Dibromo-3-chloropropane	—	2	4	—
1,2-Dibromoethane	—	2	4	—
Dibromomethane	—	2	4	—
Di-n-butyl phthalate	4	4	—	—
1,2-Dichlorobenzene	4	4	4	—
1,3-Dichlorobenzene	4	4	4	—
1,4-Dichlorobenzene	4	6	4	—
3,3'-Dichlorobenzidine	4	4	—	—
trans-1,4-Dichloro-2-butene	—	2	4	—
Dichlorodifluoromethane	—	2	4	—
1,2-Dichloroethane	16	22	12	16
trans-1,2-Dichloroethylene	13	15	12	8
2,4-Dichlorophenol	3	2	—	—
2,4-Dichlorophenoxyacetic acid	3	1	—	—
1,2-Dichloropropane	16	22	12	16
1,3-Dichloropropane	—	—	4	—
2,2-Dichloropropane	—	—	4	—
1,1-Dichloropropene	—	—	4	—
cis-1,3-Dichloropropene	16	22	12	16
trans-1,3-Dichloropropene	16	22	12	16
Dieldrin	3	2	—	—
Diethyl phthalate	4	4	—	—
2,4-Dimethyl phenol	3	2	—	—
Dimethyl phthalate	4	4	—	—
p-Dimethylaminoazobenzene	1	2	—	—
7,12-Dimethylbenz[a]anthracene	1	2	—	—
3,3'-Dimethylbenzidine	1	2	—	—
a,a-Dimethylphenethylamine	1	2	—	—
1,3-Dinitrobenzene	1	2	—	—
2,4-Dinitrophenol	3	2	—	—
2,4-Dinitrotoluene	4	4	—	—
2,6-Dinitrotoluene	4	4	—	—
Di-n-octyl phthalate	4	4	—	—
1,4-Dioxane	1	2	4	—
Diphenylamine	3	2	—	—
Endosulfan sulfate	3	2	—	—
Endosulfan I	3	2	—	—
Endosulfan II	3	2	—	—
Endrin	4	6	—	—
Endrin aldehyde	—	2	—	—
Endrin ketone	3	2	—	—
Ethyl methacrylate	1	2	4	—
Ethyl methanesulfonate	1	2	—	—
Ethylbenzene	16	22	12	16
Fluoranthene	4	4	—	—
Fluorene	4	4	—	—
Fluoride	7	2	—	—
Heptachlor	3	2	—	—
Heptachlor epoxide	3	2	—	—
Hexachlorobenzene	4	4	—	—
Hexachlorobutadiene	4	4	—	—
Hexachlorocyclopentadiene	4	4	—	—

Quality Control Samples

<i>Analyte</i>	<i>Number of Analyses</i>		<i>WA</i>	<i>EX</i>	<i>ML</i>
	<i>GE</i>				
Hexachloroethane	4		4	—	—
Hexachlorophene	1		2	—	—
Hexachloropropene	1		2	—	—
2-Hexanone	3		9	4	16
Indeno[1,2,3-c,d]pyrene	4		4	—	—
Iodomethane	—		2	4	—
Isobutyl alcohol	—		2	4	—
Isophorone	4		4	—	—
Isosafrole	1		2	—	—
Lindane	3		2	—	—
Methacrylonitrile	—		2	4	—
Methapyrilene	1		2	—	—
Methoxychlor	3		2	—	—
2-Methyl-4,6-dinitrophenol	3		2	—	—
Methyl ethyl ketone	3		9	4	16
Methyl isobutyl ketone	3		9	4	16
Methyl methacrylate	—		2	4	—
Methyl methanesulfonate	1		2	—	—
3-Methylcholanthrene	1		2	—	—
2-Methylnaphthalene	4		4	—	—
Naphthalene	4		4	—	—
1,4-Naphthoquinone	1		2	—	—
1-Naphthylamine	1		2	—	—
2-Naphthylamine	1		2	—	—
m-Nitroaniline	4		4	—	—
o-Nitroaniline	4		4	—	—
p-Nitroaniline	4		4	—	—
Nitrobenzene	4		4	—	—
2-Nitrophenol	3		2	—	—
4-Nitrophenol	3		2	—	—
4-Nitroquinoline-1-oxide	1		2	—	—
N-Nitrosodi-n-butylamine	1		2	—	—
N-Nitrosodiethylamine	1		2	—	—
N-Nitrosodimethylamine	1		2	—	—
N-Nitrosodiphenylamine	—		4	—	—
N-Nitrosodipropylamine	4		4	—	—
N-Nitrosomethylethylamine	1		2	—	—
N-Nitrosomorpholine	1		2	—	—
N-Nitrosopiperidine	1		2	—	—
N-Nitrosopyrrolidine	1		2	—	—
5-Nitro-o-toluidine	1		2	—	—
OCDD	2		—	—	—
Octachlorodibenzo-p-dioxin	—		4	—	—
PCB 1016	10		4	—	—
PCB 1221	10		4	—	—
PCB 1232	10		4	—	—
PCB 1242	10		4	—	—
PCB 1248	10		4	—	—
PCB 1254	10		4	—	—
PCB 1260	11		8	—	—
Pentachlorobenzene	1		2	—	—
Pentachloroethane	1		2	4	—
Pentachloronitrobenzene	1		2	—	—
Pentachlorophenol	3		2	—	—
Phenacetin	1		2	—	—
Phenanthrene	4		4	—	—
Phenol	3		2	—	—
Phenols	19		14	—	—
p-Phenylenediamine	1		2	—	—
2-Picoline	1		2	—	—
Pronamid	1		2	—	—

Quality Control Samples

<i>Analyte</i>	<i>Number of Analyses</i>			
	<i>GE</i>	<i>WA</i>	<i>EX</i>	<i>ML</i>
Propionitrile	—	2	4	—
Pyrene	4	4	—	—
Pyridine	1	2	—	—
Safrole	1	2	—	—
Selenium	19	13	2	16
Silver	19	13	2	16
Styrene	3	9	4	16
1,2,4,5-Tetrachlorobenzene	1	2	—	—
1,1,1,2-Tetrachloroethane	—	2	4	—
1,1,2,2-Tetrachloroethane	16	22	12	16
Thallium	18	9	—	16
Tin	3	14	—	—
o-Toluidine	1	2	—	—
Total petroleum hydrocarbons	3	1	—	—
Total phosphates (as P)	14	3	—	—
Toxaphene	3	2	—	—
2,4,5-TP (Silvex)	3	1	—	—
1,2,4-Trichlorobenzene	4	4	—	—
1,1,1-Trichloroethane	16	26	12	16
1,1,2-Trichloroethane	16	22	12	16
2,4,5-Trichlorophenol	3	2	—	—
2,4,6-Trichlorophenol	3	2	—	—
1,2,3-Trichloropropane	—	2	4	—
1,3,5-Trinitrobenzene	1	2	—	—
Uranium	7	2	—	—
Vanadium	18	9	—	16
Vinyl acetate	3	9	4	16
Xylenes	3	19	4	16

— 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, TM, and ML

<i>Analyte</i>	<i>Number of Analyses</i>		
	<i>GP</i>	<i>TM</i>	<i>ML</i>
Antimony-124	—	2	—
Antimony-125	40	6	2
Barium-133	—	2	—
Bismuth-212	8	4	2
Cerium-144	30	2	—
Cesium-134	40	6	2
Cobalt-57	30	2	—
Cobalt-58	—	2	—
Curium-242	27	—	—
Manganese-54	30	2	—
Neptunium-237	4	—	—
Neptunium-239	—	2	—
Plutonium-239/240	23	—	—
Plutonium-244	2	—	—
Promethium-144	30	2	—
Ruthenium-106	30	2	—
Thallium-208	8	4	2
Thorium-228	28	—	—
Tin-113	—	2	—

Quality Control Samples

<i>Analyte</i>	<i>Number of Analyses GP</i>	<i>TM</i>	<i>ML</i>
Yttrium-88	30	2	—
Zinc-65	30	2	—
Zirconium-95	—	2	—

— No replicate or duplicate analyses were performed.

Table 20. Intralaboratory MRD Indices for EX

<i>Analyte</i>	<i>RDL</i>	<i>In-house Duplicates Number of Dup. Pairs</i>		<i>MRD</i>	<i>MRDadj</i>	<i>Blind Replicates Number of Dup. Pairs</i>		<i>MRD</i>	<i>MRDadj</i>
Aluminum	200 µg/L	0	—	—	—	0	—	—	—
Barium	10 µg/L	0	—	—	—	0	—	—	—
Cadmium	10 µg/L	0	—	—	—	0	—	—	—
Carbon tetrachloride	250 µg/L	0	—	—	—	4	0.00	0.00	0.00
Chloroform	2.5E+02 µg/L	0	—	—	—	4	0.00	0.00	0.00
Chloromethane	2.5E+02 µg/L	0	—	—	—	4	0.00	0.00	0.00
Chromium	1.0E+01 µg/L	0	—	—	—	0	—	—	—
1,1-Dichloroethane	2.5E+02 µg/L	0	—	—	—	4	0.00	0.00	0.00
1,1-Dichloroethylene	2.5E+02 µg/L	0	—	—	—	4	0.00	0.00	0.00
cis-1,2-Dichloroethylene	2.5E+02 µg/L	0	—	—	—	4	0.00	0.00	0.00
Dichloromethane	5.0E+02 µg/L	0	—	—	—	4	0.00	0.00	0.00
Iron	2.0E+02 µg/L	0	—	—	—	0	—	—	—
Lead	1.0E+01 µg/L	0	—	—	—	0	—	—	—
Mercury	†	1	9.10	9.10	—	0	—	—	—
Tetrachloroethylene	2.5E+01 µg/L	0	—	—	—	4	0.00	0.00	0.00
Toluene	5.0E+02 µg/L	0	—	—	—	4	0.98	0.30	0.30
Trichloroethylene	2.5E+01 µg/L	0	—	—	—	4	0.00	0.00	0.00
Trichlorofluoromethane	2.5E+02 µg/L	0	—	—	—	4	0.00	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.

Table 21. Intralaboratory MRD Indices for GE

<i>Analyte</i>	<i>RDL</i>	<i>In-house Duplicates Number of Dup. Pairs</i>		<i>MRD</i>	<i>MRDadj</i>	<i>Blind Replicates Number of Dup. Pairs</i>		<i>MRD</i>	<i>MRDadj</i>
Alkalinity (as CaCO ₃)	†	1	0.00	0.00	—	0	—	—	—
Aluminum	69.2 µg/L	0	—	—	—	9	20.12	10.58	10.58
Barium	5.0 µg/L	0	—	—	—	3	4.62	4.62	4.62
Beryllium	5.0 µg/L	0	—	—	—	9	0.45	0.24	0.24
Cadmium	5.0 µg/L	0	—	—	—	8	0.42	0.42	0.42
Calcium	†	0	—	—	—	3	6.17	6.17	6.17
Carbon tetrachloride	1.0 µg/L	0	—	—	—	3	0.30	0.10	0.10
Chloride	†	4	3.58	3.58	—	2	3.47	3.47	3.47
Chloroform	1.0 µg/L	0	—	—	—	3	0.00	0.00	0.00

Quality Control Samples

Analyte	RDL	<u>In-house Duplicates</u>		MRDadj	<u>Blind Replicates</u>		MRDadj
		Number of Dup. Pairs	MRD		Number of Dup. Pairs	MRD	
Chloromethane	1.0 µg/L	0	—	—	3	0.00	0.00
Chromium, hexavalent	10.0 µg/L	3	2.02	1.00	1	0.00	0.00
Chromium	5.0 µg/L	0	—	—	4	25.45	10.61
Copper	119 µg/L	0	—	—	2	0.00	0.00
1,1-Dichloroethane	1.0 µg/L	0	—	—	3	0.00	0.00
1,1-Dichloroethylene	1.0 µg/L	0	—	—	3	0.00	0.00
1,2-Dichloroethylene	2.0 µg/L	0	—	—	1	0.00	0.00
cis-1,2-Dichloroethylene	20.0 µg/L	0	—	—	2	0.00	0.00
Dichloromethane	5.0 µg/L	0	—	—	3	0.00	0.00
Iron	50.0 µg/L	0	—	—	9	41.89	35.78
Lead	5.0 µg/L	0	—	—	7	12.97	10.92
Lithium	10.0 µg/L	0	—	—	0	—	—
Magnesium	†	0	—	—	3	16.81	16.81
Manganese	10.0 µg/L	0	—	—	3	3.89	2.17
Mercury	0.2 µg/L	0	—	—	10	0.00	0.00
Nickel	103 µg/L	0	—	—	2	0.00	0.00
Nitrate as nitrogen	†	7	0.94	0.94	1	6.06	6.06
Nitrate-nitrite as nitrogen	1,220 µg/L	31	2.47	2.40	14	2.07	1.75
pH	†	31	0.47	0.47	13	1.16	1.16
Potassium	†	0	—	—	2	1.44	1.44
Silica	†	0	—	—	1	0.26	0.26
Silicon	†	0	—	—	1	0.28	0.28
Sodium	†	0	—	—	3	2.82	2.82
Specific conductance	372 µS/cm	27	0.08	0.05	12	0.10	0.07
Sulfate	622 µg/L	6	1.57	1.20	2	42.09	21.80
Tetrachloroethylene	1.0 µg/L	0	—	—	3	0.31	0.31
Toluene	1.0 µg/L	0	—	—	3	53.06	53.06
Total dissolved solids	29,000 µg/L	2	6.45	2.07	0	—	—
Total organic carbon	363 µg/L	1	0.00	0.00	0	—	—
Total organic halogens	10.0 µg/L	1	0.00	0.00	0	—	—
Trichloroethylene	1.0 µg/L	0	—	—	5	0.99	0.99
Trichlorofluoromethane	1.0 µg/L	0	—	—	2	0.00	0.00
Zinc	5.0 µg/L	0	—	—	3	55.96	44.40

† 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	<u>In-house Duplicates</u>		MRDadj
		Number of Dup. Pairs	MRD	
Acenaphthene	†	8	5.70	5.70
Aldrin	†	6	2.63	2.63
Benzene	†	24	2.02	2.02
Chlorobenzene	†	24	1.98	1.98
4-Chloro-m-cresol	†	8	5.35	5.35
2-Chlorophenol	†	8	7.47	7.47
p,p'-DDT	†	6	4.00	4.00
1,4-Dichlorobenzene	†	8	9.29	9.29

Quality Control Samples

Analyte	RDL	<u>In-house Duplicates</u>		
		Number of Dup. Pairs	MRD	MRDadj
1,1-Dichloroethylene	†	24	3.40	3.40
2,4-Dichlorophenoxyacetic acid	†	8	34.72	34.72
Dieldrin	†	6	2.26	2.26
2,4-Dinitrotoluene	†	8	3.56	3.56
Endrin	†	6	2.09	2.09
Heptachlor	†	6	3.45	3.45
Lindane	†	6	4.30	4.30
4-Nitrophenol	†	8	7.97	7.97
N-Nitrosodipropylamine	†	8	5.43	5.43
PCB 1260	†	8	6.13	6.13
Pentachlorophenol	†	8	5.12	5.12
Phenol	†	8	6.55	6.55
Pyrene	†	8	4.81	4.81
Toluene	†	24	2.30	2.30
2,4,5-TP (Silvex)	†	8	40.44	40.44
1,2,4-Trichlorobenzene	†	8	9.61	9.61
Trichloroethylene	†	30	1.97	1.97

† 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	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
Alkalinity (as CaCO ₃)	24,800 µg/L	4	0.00	0.00	3	1.71	0.81
Aluminum	146 µg/L	7	4.73	4.33	4	0.00	0.00
Barium	†	5	3.23	3.23	1	1.14	1.14
Beryllium	1.6 µg/L	4	0.00	0.00	0	—	—
Cadmium	4.7 µg/L	5	0.00	0.00	1	0.00	0.00
Calcium	471 µg/L	4	2.99	1.30	0	—	—
Carbon tetrachloride	5.0 µg/L	8	0.00	0.00	2	0.00	0.00
Chloride	†	0	—	—	0	—	—
Chloroform	5.0 µg/L	8	0.00	0.00	2	1.21	1.21
Chloromethane	10.0 µg/L	6	0.00	0.00	2	0.00	0.00
Chromium	7.0 µg/L	5	0.82	0.82	2	0.00	0.00
Copper	15.0 µg/L	5	0.42	0.42	1	9.03	3.80
1,1-Dichloroethane	5.0 µg/L	6	0.00	0.00	2	0.73	0.73
1,1-Dichloroethylene	5.0 µg/L	6	0.00	0.00	2	10.00	8.40
1,2-Dichloroethylene	5.0 µg/L	2	0.00	0.00	0	—	—
Dichloromethane	7.95 µg/L	6	0.00	0.00	2	0.00	0.00
Iron	74.0 µg/L	8	28.71	24.23	4	32.90	32.90
Lead	47.0 µg/L	5	0.00	0.00	1	0.00	0.00
Lithium	2.7 µg/L	5	0.70	0.70	3	0.00	0.00
Magnesium	†	4	1.40	1.40	0	—	—
Manganese	7.8 µg/L	5	5.14	2.23	1	33.40	33.40
Mercury	0.7 µg/L	5	0.11	0.09	1	4.80	2.57
Nickel	26.0 µg/L	5	0.68	0.21	1	0.00	0.00
Nitrate as nitrogen	†	0	—	—	0	—	—
Nitrate-nitrite as nitrogen	200 µg/L	4	1.58	1.31	3	60.27	50.05
pH	†	1	0.73	0.73	0	—	—

Quality Control Samples

Analyte	RDL	<u>In-house Duplicates</u>		MRDadj	<u>Blind Replicates</u>		MRDadj
		Number of Dup. Pairs	MRD		Number of Dup. Pairs	MRD	
Potassium	187 µg/L	4	3.09	1.56	0	—	—
Silica	†	0	—	—	0	—	—
Sodium	†	4	1.91	1.91	0	—	—
Specific conductance	138 µS/cm	1	1.38	0.43	0	—	—
Sulfate	975 µg/L	4	0.72	0.38	2	0.00	0.00
Tetrachloroethylene	5.0 µg/L	8	0.00	0.00	2	3.42	3.00
Toluene	5.0 µg/L	7	0.12	0.12	2	0.00	0.00
Total dissolved solids	50,000 µg/L	2	0.00	0.00	3	0.55	0.40
Total organic carbon	1,000 µg/L	6	3.37	2.61	3	0.00	0.00
Total organic halogens	120 µg/L	4	0.00	0.00	3	1.47	1.47
Trichloroethylene	5.0 µg/L	11	5.90	5.90	2	2.56	2.56
Trichlorofluoromethane	5.0 µg/L	4	0.00	0.00	2	0.00	0.00
Zinc	53.0 µg/L	5	0.00	0.00	1	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	<u>In-house Duplicates</u>		MRDadj	<u>Blind Replicates</u>		MRDadj
		Number of Dup. Pairs	MRD		Number of Dup. Pairs	MRD	
Actinium-228	1.05E-07 µCi/mL	1	0.00	0.00	0	—	—
Aluminum	4.0E+01 µg/L	0	—	—	3	44.61	23.60
Barium	1.5E+01 µg/L	0	—	—	4	0.39	0.15
Beryllium	5.0E+00 µg/L	0	—	—	4	0.00	0.00
Bismuth-214	†	1	23.34	23.34	0	—	—
Cadmium	2.5E+01 µg/L	0	—	—	4	0.00	0.00
Calcium	†	0	—	—	4	3.62	3.62
Carbon tetrachloride	5.0E+01 µg/L	0	—	—	7	0.00	0.00
Cesium-137	3.14E-08 µCi/mL	1	0.00	0.00	0	—	—
Chloroform	5.0E+01 µg/L	0	—	—	7	0.00	0.00
Chloromethane	5.0E+01 µg/L	0	—	—	7	0.00	0.00
Chromium	3.0E+01 µg/L	0	—	—	4	0.00	0.00
Cobalt-60	3.94E-08 µCi/mL	1	0.00	0.00	0	—	—
Copper	6.0E+01 µg/L	0	—	—	4	0.00	0.00
1,1-Dichloroethane	5.0E+01 µg/L	0	—	—	7	0.00	0.00
1,1-Dichloroethylene	5.0E+01 µg/L	0	—	—	7	0.00	0.00
1,2-Dichloroethylene	2.0E+00 µg/L	0	—	—	4	0.00	0.00
cis-1,2-Dichloroethylene	5.0E+01 µg/L	0	—	—	3	0.00	0.00
Dichloromethane	5.0E+02 µg/L	0	—	—	7	0.00	0.00
Europium-152	4.92E-08 µCi/mL	1	0.00	0.00	0	—	—
Europium-154	3.84E-08 µCi/mL	1	0.00	0.00	0	—	—
Europium-155	6.29E-08 µCi/mL	1	0.00	0.00	0	—	—
Gross alpha	8.84E-09 µCi/mL	14	1.74	0.60	12	1.83	1.36

Quality Control Samples

Analyte	RDL	<u>In-house Duplicates</u>		MRDadj	<u>Blind Replicates</u>		MRDadj
		Number of Dup. Pairs	MRD		Number of Dup. Pairs	MRD	
Iron	4.0E+01 µg/L	0	–	–	3	56.05	42.76
Lead	2.0E+01 µg/L	0	–	–	4	0.00	0.00
Lead-212	4.53E-08 µCi/mL	1	0.00	0.00	0	–	–
Magnesium	†	0	–	–	4	6.23	6.23
Manganese	1.0E+01 µg/L	0	–	–	3	0.00	0.00
Mercury	2.0E-01 µg/L	0	–	–	4	7.24	7.24
Nickel	6.0E+01 µg/L	0	–	–	4	0.00	0.00
Nonvolatile beta	6.57E-09 µCi/mL	13	4.90	2.97	12	2.70	2.13
Potassium	1.87E+03 µg/L	0	–	–	4	0.00	0.00
Potassium-40	4.42E-07 µCi/mL	1	0.00	0.00	0	–	–
Promethium-146	3.82E-08 µCi/mL	1	0.00	0.00	0	–	–
Sodium	†	0	–	–	4	11.36	11.36
Tetrachloroethylene	2.0E+00 µg/L	0	–	–	7	3.26	3.26
Toluene	5.0E+01 µg/L	0	–	–	7	0.00	0.00
Trichloroethylene	1.0E+00 µg/L	0	–	–	7	3.20	2.91
Tritium	5.93E-07 µCi/mL	25	5.12	3.35	14	41.26	41.25
Zinc	3.0E+01 µg/L	0	–	–	4	8.33	3.00

† 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	<u>In-house Duplicates</u>		MRDadj	<u>Blind Replicates</u>		MRDadj
		Number of Dup. Pairs	MRD		Number of Dup. Pairs	MRD	
Actinium-228	1.91E-08 µCi/mL	14	0.11	0.03	3	0.00	0.00
Americium-241	2.57E-09 µCi/mL	9	0.25	0.25	2	0.00	0.00
Bismuth-214	8.14E-09 µCi/mL	3	13.46	5.23	1	17.32	17.32
Carbon-14	2.23E-08 µCi/mL	8	4.27	3.57	4	27.75	11.84
Cesium-137	4.58E-09 µCi/mL	14	7.42	3.01	2	26.54	10.84
Cobalt-60	4.49E-09 µCi/mL	14	2.62	0.96	2	0.00	0.00
Curium-243/244	3.43E-09 µCi/mL	9	0.74	0.74	2	0.00	0.00
Curium-245/246	1.32E-09 µCi/mL	9	0.00	0.00	2	0.00	0.00
Europium-152	1.12E-08 µCi/mL	14	0.00	0.00	2	0.00	0.00
Europium-154	1.22E-08 µCi/mL	14	0.00	0.00	3	0.00	0.00

Quality Control Samples

Analyte	RDL	<u>In-house Duplicates</u>		MRDadj	<u>Blind Replicates</u>		MRDadj
		Number of Dup. Pairs	MRD		Number of Dup. Pairs	MRD	
Europium-155	1.36E-08 µCi/mL	13	0.00	0.00	2	0.00	0.00
Gross alpha	1.56E-09 µCi/mL	40	7.46	6.16	12	15.95	9.15
Iodine-129	8.58E-09 µCi/mL	9	4.62	2.78	2	0.00	0.00
Lead-212	7.07E-09 µCi/mL	13	1.83	0.62	3	0.00	0.00
Nickel-63	4.04E-08 µCi/mL	5	1.35	0.65	1	0.00	0.00
Nonvolatile beta	1.92E-09 µCi/mL	33	8.56	5.32	9	11.04	4.35
Plutonium-238	2.23E-09 µCi/mL	9	0.00	0.00	1	0.00	0.00
Potassium-40	5.11E-08 µCi/mL	13	0.12	0.04	3	0.00	0.00
Promethium-146	5.22E-09 µCi/mL	14	0.00	0.00	2	0.00	0.00
Radium, total alpha-emitting	†	1	31.91	31.91	1	4.29	4.29
Radium-226	9.96E-10 µCi/mL	16	3.85	3.59	7	24.35	24.35
Radium-228	1.56E-09 µCi/mL	15	1.45	1.37	6	6.69	4.62
Radon-222	†	2	16.92	16.92	0	–	–
Sodium-22	4.13E-09 µCi/mL	11	0.00	0.00	2	0.00	0.00
Strontium-89/90	2.98E-09 µCi/mL	5	6.96	4.83	0	–	–
Strontium-90	1.37E-09 µCi/mL	14	4.46	4.29	7	1.24	1.24
Technetium-99	2.54E-08 µCi/mL	10	7.08	4.98	2	0.00	0.00
Thorium-230	5.42E-10 µCi/mL	9	4.03	1.64	2	0.00	0.00
Thorium-232	6.34E-10 µCi/mL	10	0.57	0.18	2	0.00	0.00
Tritium	6.59E-07 µCi/mL	15	7.91	4.37	7	6.52	5.32
Uranium-233/234	4.87E-09 µCi/mL	13	0.32	0.32	3	0.00	0.00
Uranium-235	1.61E-09 µCi/mL	12	5.15	3.93	3	0.00	0.00
Uranium-238	2.84E-09 µCi/mL	13	1.64	0.64	3	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**.

Quality Control Samples

Table 26. Intralaboratory MRD Indices for TM

Analyte	RDL	<u>In-house Duplicates</u>		MRDadj	<u>Blind Replicates</u>		MRDadj
		Number of Dup. Pairs	MRD		Number of Dup. Pairs	MRD	
Actinium-228	3.894E-08 µCi/mL	3	0.00	0.00	0	—	—
Bismuth-214	†	2	55.91	55.91	0	—	—
Cesium-137	1.043E-08 µCi/mL	3	0.00	0.00	0	—	—
Cobalt-60	1.076E-08 µCi/mL	3	0.00	0.00	0	—	—
Europium-152	8.729E-08 µCi/mL	3	0.11	0.03	0	—	—
Europium-154	3.012E-08 µCi/mL	3	0.00	0.00	0	—	—
Europium-155	2.187E-08 µCi/mL	3	0.84	0.28	0	—	—
Gross alpha	1.87E-09 µCi/mL	18	9.11	5.39	0	—	—
Iodine-129	9.78E-09 µCi/mL	2	15.87	5.66	0	—	—
Lead-212	1.547E-08 µCi/mL	3	0.00	0.00	0	—	—
Nickel-63	2.333E-08 µCi/mL	1	0.00	0.00	0	—	—
Nonvolatile beta	3.16E-09 µCi/mL	13	3.46	1.47	0	—	—
Potassium-40	1.337E-07 µCi/mL	3	0.00	0.00	0	—	—
Promethium-146	2.02E-08 µCi/mL	3	0.00	0.00	0	—	—
Radium, total alpha-emitting	1.43E-09 µCi/mL	2	30.91	11.85	1	0.00	0.00
Radium-228	3.4E-09 µCi/mL	6	1.69	1.69	0	—	—
Sodium-22	7.64E-09 µCi/mL	1	0.00	0.00	0	—	—
Strontium-90	1.6E-09 µCi/mL	6	6.21	6.21	0	—	—
Technetium-99	4.011E-08 µCi/mL	2	0.00	0.00	0	—	—
Tritium	5.67E-06 µCi/mL	26	13.40	12.92	1	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 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
Carbon tetrachloride	5.0	µg/L	0.00	–
Chloroform	5.0	µg/L	0.00	–
1,1-Dichloroethane	25.0	µg/L	6.07	.391
1,1-Dichloroethylene	25.0	µg/L	0.00	–
Dichloromethane	50.0	µg/L	0.00	–
Tetrachloroethylene	5.0	µg/L	0.00	–
Toluene	5.0	µg/L	14.88	.391
Trichloroethylene	5.0	µg/L	0.00	–
Trichlorofluoromethane	25.0	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 28. Interlaboratory MRD and t-test Results for Analytes with at Least One Pair of Results above the RDL for GE and ML

Analyte	RDL	Unit	MRD	t-test Probability
Aluminum	50.0	µg/L	0.00	–
Carbon tetrachloride	50.0	µg/L	0.00	–
Chloromethane	50.0	µg/L	0.00	–
cis-1,2-Dichloroethylene	50.0	µg/L	0.00	–
Iron	50.0	µg/L	26.20	.500
Tetrachloroethylene	2.0	µg/L	0.00	–
Toluene	50.0	µg/L	0.00	–
Trichloroethylene	1.0	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 GE and WA

Analyte	RDL	Unit	MRD	t-test Probability
Alkalinity (as CaCO ₃)	24,800	µg/L	8.89	.423
Aluminum	146	µg/L	12.87	.277
Barium	5.0	µg/L	6.18	.169
Beryllium	5.0	µg/L	4.49	.347
Cadmium	5.0	µg/L	7.18	.347
Calcium	471	µg/L	8.23	.246

Quality Control Samples

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Carbon tetrachloride	5.0	µg/L	0.00	—
Chloroform	5.0	µg/L	1.22	.374
Chromium	7.0	µg/L	20.53	.381
Copper	15.0	µg/L	3.31	.313
1,1-Dichloroethane	5.0	µg/L	0.03	.374
1,1-Dichloroethylene	5.0	µg/L	0.00	—
Dichloromethane	7.39	µg/L	0.00	—
Iron	74.0	µg/L	28.43	.379
Lead	47.0	µg/L	0.00	—
Lithium	10.0	µg/L	0.00	—
Manganese	10.0	µg/L	29.09	.252
Mercury	0.7	µg/L	0.92	.899
Nickel	26.0	µg/L	0.43	.391
Nitrate-nitrite as nitrogen	1,220	µg/L	5.38	.246
Potassium	187	µg/L	6.24	.499
Specific conductance	372	µS/cm	0.77	.166
Sulfate	975	µg/L	9.92	.281
Tetrachloroethylene	5.0	µg/L	5.84	.372
Toluene	5.0	µg/L	13.94	.391
Total dissolved solids	50,000	µg/L	8.37	.423
Total organic carbon	1,000	µg/L	0.00	—
Total organic halogens	120	µg/L	4.71	.423
Trichloroethylene	5.0	µg/L	2.21	.853
Zinc	53.0	µg/L	1.91	.391

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

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Aluminum	200	µg/L	0.00	—
Barium	15.0	µg/L	11.34	.500
Chloromethane	50.0	µg/L	0.00	—
1,1-Dichloroethane	50.0	µg/L	0.00	—
cis-1,2-Dichloroethylene	250	µg/L	0.00	—
Iron	200	µg/L	9.39	.500
Lead	20.0	µg/L	0.00	—
Mercury	0.2	µg/L	9.49	.152
Tetrachloroethylene	25.0	µg/L	21.26	.404
Toluene	50.0	µg/L	74.58	.500
Trichloroethylene	25.0	µg/L	24.25	.184

— 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 31. Interlaboratory MRD and t-test Results for Analytes with at Least One Pair of Results above the RDL for WA and ML

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Aluminum	146	µg/L	19.49	.071
Barium	15.0	µg/L	0.00	—
Calcium	471	µg/L	6.06	.550
Carbon tetrachloride	50.0	µg/L	0.00	—
Chloroform	50.0	µg/L	0.00	—
Chloromethane	50.0	µg/L	0.00	—
Chromium	30.0	µg/L	0.00	—
Copper	60.0	µg/L	0.00	—
1,1-Dichloroethane	50.0	µg/L	0.00	—
1,1-Dichloroethylene	50.0	µg/L	0.00	—
1,2-Dichloroethylene	5.0	µg/L	10.19	.391
Dichloromethane	500	µg/L	0.00	—
Iron	74.0	µg/L	25.50	.834
Lead	47.0	µg/L	0.00	—
Manganese	10.0	µg/L	7.12	.407
Mercury	0.7	µg/L	0.00	—
Nickel	60.0	µg/L	0.00	—
Potassium	1,870	µg/L	0.00	—
Tetrachloroethylene	5.0	µg/L	7.12	.391
Toluene	50.0	µg/L	34.00	.374
Trichloroethylene	5.0	µg/L	5.58	.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 32. Interlaboratory MRD and t-test Results for Analytes with at Least One Pair of Results above the RDL for GP and ML

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Gross alpha	8.73E-09	µCi/mL	83.28	—
Nonvolatile beta	6.56E-09	µCi/mL	24.13	—
Tritium	6.59E-07	µCi/mL	5.92	.500

— 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**.

Table 33. 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
Actinium-228	3.516E-08	µCi/mL	0.00	–
Bismuth-214	8.14E-09	µCi/mL	79.52	–
Cesium-137	6.95E-09	µCi/mL	6.54	–
Cobalt-60	7.44E-09	µCi/mL	0.00	–
Europium-152	3.851E-08	µCi/mL	38.92	.500
Europium-154	2.139E-08	µCi/mL	0.00	–
Europium-155	1.41E-08	µCi/mL	26.36	.500
Gross alpha	1.76E-09	µCi/mL	35.61	.171
Iodine-129	9.78E-09	µCi/mL	8.62	.500
Lead-212	1.001E-08	µCi/mL	0.00	–
Nickel-63	3.72E-08	µCi/mL	0.00	–
Nonvolatile beta	2.77E-09	µCi/mL	28.88	.175
Potassium-40	1.011E-07	µCi/mL	0.00	–
Promethium-146	1.271E-08	µCi/mL	0.00	–
Radium, total alpha-emitting	1.43E-09	µCi/mL	23.46	–
Radium-228	2.74E-09	µCi/mL	39.08	.374
Strontium-90	1.49E-09	µCi/mL	3.59	.363
Technetium-99	2.84E-08	µCi/mL	0.00	–
Tritium	5.67E-06	µCi/mL	13.46	.337

† 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 34. Interlaboratory MRD and t-test Results for Analytes with at Least One Pair of Results above the RDL for ML and TM

Analyte	RDL	Unit	MRD	t-test Probability
Gross alpha	8.78E-09	µCi/mL	5.05	.343
Nonvolatile beta	6.56E-09	µCi/mL	4.74	.366
Tritium	6.02E-07	µCi/mL	63.43	.556

† 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**.

Table 35. GE Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Aluminum	KCB 6
Iron	ABP 4, BRD 3, FSB 87D
Lead	BRD 3
Sulfate	ABP 4
Toluene	ABP 4
Zinc	ABP 4

Table 36. WA Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Iron	DBP 3
Nitrate-nitrite as nitrogen	BGO 6C

Table 37. WA Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Iron	BGO 8D

Table 38. ML Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Aluminum	BGO 8D
Iron	BGO 8D, LFW 58D
Tritium	CRP 3C, FSB 76C, FSB 87D

Table 39. GP Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Carbon-14	BGO 37C
Radium-226	HEX 9

Table 40. TM Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Bismuth-214 Tritium	BRD 3 BGO 6C

Table 41. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between EX and ML

Analyte	Wells
Toluene	MSB 91TB

Table 42. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GE and WA

Analyte	Wells
Aluminum	BRD 1
Chromium	BRD 3
Iron	ABP 4, BGO 8D, BRD 1, BRD 3
Manganese	DBP 3

Table 43. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between WA and ML

Analyte	Wells
Aluminum	BGO 3A, BGO 6D, BGO 26D, BGO 35D, BGO 36D, BGO 37D, BGO 38D
Iron	BGO 2D, BGO 8D, BGO 12DR, BGO 13DR, BGO 14DR, BGO 39D
Toluene	MSB 91TB

Table 44. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GP and ML

Analyte	Wells
Gross alpha	FSB106C

Table 45. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GP and TM

Analyte	Wells
Bismuth-214	HEX 9
Europium-152	HEX 9
Gross alpha	XSB 4D
Nonvolatile beta	XSB 4D
Radium-228	HEX 9

Table 46. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between TM and ML

Analyte	Wells
Tritium	CRP 3C, FSB 76C, FSB 87D, FSB 97A, FSB107C

Table 47. Quality Control Standards for Selected Analyses for EX

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
Acids (Lot 589)				
2-Chlorophenol (µg/L)	33.0	13.6–37.2	25.0	
o-Cresol (2-Methylphenol) (µg/L)	42.8	13.6–49.5	29.0	
p-Cresol (3-Methylphenol) (µg/L)	99.7	30.8–117	53.0	
Pentachlorophenol (µg/L)	62.4	19.4–78.3	43.0	
2,4,6-Trichlorophenol (µg/L)	143	62.0–164	95.0	
Base/Neutrals (Lot 589)				
Anthracene (µg/L)	69.3	32.7–80.8	52.0	
Benzo[k]fluoranthene (µg/L)	18.6	6.79–23.4	14.0	
Benzo(a)pyrene (µg/L)	20.1	9.54–25.5	15.0	
Bis(2-ethylhexyl) phthalate (µg/L)	134	53.9–170	100	
Chrysene (µg/L)	20.5	9.49–25.2	17.0	
Dibenzofuran (µg/L)	52.8	25.1–58.6	32.0	
Di-n-butyl phthalate (µg/L)	67.4	27.2–84.7	24.0◆	
1,2-Dichlorobenzene (µg/L)	29.9	7.00–34.2	17.0	
1,3-Dichlorobenzene (µg/L)	64.2	15.0–76.0	35.0	
2,4-Dinitrotoluene (µg/L)	53.1	22.2–61.2	33.0	
Hexachloroethane (µg/L)	89.0	35.6–112	48.0	
2-Methylnaphthalene (µg/L)	50.3	16.2–59.2	29.0	
Naphthalene (µg/L)	65.0	23.1–74.1	37.0	
Pyrene (µg/L)	121	56.5–147	85.0	
1,2,4-Trichlorobenzene (µg/L)	81.3	23.7–92.3	44.0	
Cations (Lot 439)				
Calcium (µg/L)	101,000	90,900–111,000	103,000	
Magnesium (µg/L)	74,900	66,700–83,100	78,200	
Potassium (µg/L)	90,300	82,200–98,400	99,100◆	
Sodium (µg/L)	94,900	84,500–106,000	99,000	

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
Cyanide and Phenol (Lot 9988)				
Cyanide, total (µg/L)	976	712–1,240	1,080	J
Phenols (µg/L)	447	340–554	394	
Grease and Oil (Lot 99101)				
Grease and oil (gravimetric) (mg/bottle)	49.4	29.6–61.8	38.5	
Herbicides (Lot 3229)				
2-sec-Butyl-4,6-dinitrophenol (µg/L)	18.8	6.17–24.3	12.0	
2,4-Dichlorophenoxyacetic acid (µg/L)	14.9	7.45–22.4	❖	
2,4,5-T (µg/L)	26.1	13.1–39.2	❖	
2,4,5-TP (Silvex) (µg/L)	9.19	4.60–13.8	6.9	
Inorganics (Lot 3437)				
Alkalinity (as CaCO ₃) (µg/L)	165,000	154,000–186,000	164,000	
Bromide (µg/L)	499	429–577	526	
Chloride (µg/L)	5,250	4,670–5,920	6,860◆	
Fluoride (µg/L)	6,980	6,280–7,680	6,540	
Nitrate as nitrogen (µg/L)	4,300	3,870–4,730	4,400	
pH (pH units)	9.25	9.05–9.45	9.13	
Potassium (µg/L)	26,600	22,800–31,000	28,300	
Sodium (µg/L)	80,500	72,700–89,200	87,500	
Specific conductance (µS/cm)	383	320–436	404	
Sulfate (µg/L)	12,100	10,400–13,700	11,300	
Total dissolved solids (µg/L)	448,000	367,000–502,000	450,000	
Nutrients (Lot 99101)				
Ammonia as nitrogen (µg/L)	5,350	4,490–6,200	5,340	
Nitrate-nitrite as nitrogen (µg/L)	15,600	13,900–17,300	16,600	
Total phosphates (as P) (µg/L)	3,260	2,770–3,750	3,770◆	
PCBs (Lot 581)				
PCB 1254 (µg/L)	2.61	1.56–3.28	2.9	
Pesticides (Lot 3228)				
Aldrin (µg/L)	0.920	0.506–1.33	0.800	
Dieldrin (µg/L)	2.12	1.17–3.07	2.10	
Endrin (µg/L)	3.16	2.21–4.11	3.10	
Heptachlor (µg/L)	1.57	0.864–2.28	1.20	
Heptachlor epoxide (µg/L)	1.91	1.05–2.77	1.80	
Lindane (µg/L)	1.43	0.787–2.07	1.30	
Methoxychlor (µg/L)	14.5	7.98–21.0	14.0	
Total Petroleum Hydrocarbons (Lot 8920)				
Total petroleum hydrocarbons, infrared (mg/L)	103	64.2–134	121	
Toxaphene (Lot 3228)				
Toxaphene (µg/L)	5.02	2.76–7.28	4.2	
Trace Metals (Lot 9999)				
Aluminum (µg/L)	2,840	2,330–3,350	2,880	
Antimony (µg/L)	149	112–176	176	
Arsenic (µg/L)	175	131–206	181	
Barium (µg/L)	768	630–906	752	
Beryllium (µg/L)	117	96.2–138	116	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
Boron (µg/L)	231	190–273	266	
Cadmium (µg/L)	395	323–466	374	
Chromium (µg/L)	957	785–1,130	965	
Cobalt (µg/L)	84.9	69.6–100	91.4	
Copper (µg/L)	68.2	55.9–80.5	71.4	
Iron (µg/L)	1,240	1,020–1,470	1,250	
Lead (µg/L)	776	637–916	797	
Manganese (µg/L)	1,810	1,490–2,140	1,780	
Mercury (µg/L)	7.83	5.87–9.79	8.46	
Molybdenum (µg/L)	214	175–252	207	
Nickel (µg/L)	148	121–174	154	
Selenium (µg/L)	572	429–675	587	
Silver (µg/L)	223	183–263	224	
Strontium (µg/L)	87.0	71.3–103	84.4	
Thallium (µg/L)	613	460–724	632	
Vanadium (µg/L)	1,530	1,260–1,810	1,460	
Zinc (µg/L)	708	581–836	700	
Turbidity (Lot 3431)				
Turbidity (NTU)	3.20	2.72–3.74	3.00	
Volatiles (Lot 586)				
Benzene (µg/L)	110	85.4–137	106	
Bromodichloromethane (µg/L)	61.3	47.1–76.3	66.0	
Bromoform (µg/L)	86.8	63.5–112	80.0	
Carbon tetrachloride (µg/L)	175	129–218	121◆	
Chlorobenzene (µg/L)	78.1	61.1–93.7	76.0	
Chlorodibromomethane (µg/L)	15.9	12.4–19.6	16	
Chloroform (µg/L)	96.1	73.7–117	104	
1,2-Dichlorobenzene (µg/L)	62.6	47.5–76.9	61.0	
1,3-Dichlorobenzene (µg/L)	127	97.0–153	117	
1,4-Dichlorobenzene (µg/L)	57.6	43.3–70.2	57.0	
1,2-Dichloroethane (µg/L)	60.1	46.9–75.7	61.0	
Dichloromethane (Methylene chloride) (µg/L)	60.8	43.0–79.2	65.0	
Ethylbenzene (µg/L)	49.3	36.9–57.6	43.0	
4-Methyl-2-pentanone (MIBK) (µg/L)	63.5	36.7–86.7	65.0	
1,1,2,2-Tetrachloroethane (µg/L)	81.0	59.0–102	77.0	
Tetrachloroethylene (µg/L)	64.3	47.4–77.6	49.0	
Toluene (µg/L)	84.4	65.1–102	77.0	
1,1,1-Trichloroethane (µg/L)	59.0	42.6–70.4	51.0	
1,1,2-Trichloroethane (µg/L)	36.4	27.7–45.7	38.0	
Trichloroethylene (µg/L)	37.6	27.9–45.5	35.0	
m-Xylene (µg/L)	41.2	26.6–51.8	41.0	
o-Xylene (µg/L)	119	76.7–149	114	

◆ Result is out of range.

❖ Value not reported by laboratory.

J The analytical result is an estimated quantity.

Table 48. Quality Control Standards for Selected Analyses for GE

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Acids (Lot 589)				
2-Chlorophenol (µg/L)	33.0	13.6–37.2	29.6	
o-Cresol (2-Methylphenol) (µg/L)	42.8	13.6–49.5	30.4	
p-Cresol (3-Methylphenol) (µg/L)	99.7	30.8–117	53.1	
Pentachlorophenol (µg/L)	62.4	19.4–78.3	45.8	
2,4,6-Trichlorophenol (µg/L)	143	62.0–164	103	
Base/Neutrals (Lot 589)				
Anthracene (µg/L)	69.3	32.7–80.8	58.7	
Benzo[k]fluoranthene (µg/L)	18.6	6.79–23.4	11.7	
Benzo(a)pyrene (µg/L)	20.1	9.54–25.5	14.4	
Bis(2-ethylhexyl) phthalate (µg/L)	134	53.9–170	91.7	
Chrysene (µg/L)	20.5	9.49–25.2	18.2	
Dibenzofuran (µg/L)	52.8	25.1–58.6	39.2	
Di-n-butyl phthalate (µg/L)	67.4	27.2–84.7	37.8	
1,2-Dichlorobenzene (µg/L)	29.9	7.00–34.2	22.9	
1,3-Dichlorobenzene (µg/L)	64.2	15.0–76.0	46.0	
2,4-Dinitrotoluene (µg/L)	53.1	22.2–61.2	33.6	
Hexachloroethane (µg/L)	89.0	35.6–112	58.3	
2-Methylnaphthalene (µg/L)	50.3	16.2–59.2	35.6	
Naphthalene (µg/L)	65.0	23.1–74.1	48.3	
Pyrene (µg/L)	121	56.5–147	128	
1,2,4-Trichlorobenzene (µg/L)	81.3	23.7–92.3	51.4	
Cations (Lot 439)				
Calcium (µg/L)	101,000	90,900–111,000	87,700◆	
Magnesium (µg/L)	74,900	66,700–83,100	64,900◆	
Potassium (µg/L)	90,300	82,200–98,400	70,400◆	
Sodium (µg/L)	94,900	84,500–106,000	85,200	
Cyanide and Phenol (Lot 9988)				
Cyanide, total (µg/L)	976	712–1,240	828	
Phenols (µg/L)	447	340–554	466	
Grease and Oil (Lot 99101)				
Grease and oil (gravimetric) (mg/bottle)	49.4	29.6–61.8	44.9	
Herbicides (Lot 3229)				
2-sec-Butyl-4,6-dinitrophenol (µg/L)	18.8	6.17–24.3	11.7	
2,4-Dichlorophenoxyacetic acid (µg/L)	14.9	7.45–22.4	1.9◆	
2,4,5-T (µg/L)	26.1	13.1–39.2	21.5	
2,4,5-TP (Silvex) (µg/L)	9.19	4.60–13.8	7.28	
Inorganics (Lot 3437)				
Alkalinity (as CaCO ₃) (µg/L)	165,000	154,000–186,000	151,000◆	
Bromide (µg/L)	499	429–577	485	
Chloride (µg/L)	5,250	4,670–5,920	4,770	
Fluoride (µg/L)	6,980	6,280–7,680	6,830	
Nitrate as nitrogen (µg/L)	4,300	3,870–4,730	4,050	
pH (pH units)	9.25	9.05–9.45	9.12	
Potassium (µg/L)	26,600	22,800–31,000	25,500	
Sodium (µg/L)	80,500	72,700–89,200	83,900	
Specific conductance (µS/cm)	383	320–436	379	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Sulfate (µg/L)	12,100	10,400–13,700	11,100	
Total dissolved solids (µg/L)	448,000	367,000–502,000	396,000	
Nutrients (Lot 99101)				
Ammonia as nitrogen (µg/L)	5,350	4,490–6,200	4,900	
Nitrate-nitrite as nitrogen (µg/L)	15,600	13,900–17,300	15,800	
Total phosphates (as P) (µg/L)	3,260	2,770–3,750	3,180	
PCBs (Lot 581)				
PCB 1254 (µg/L)	2.61	1.56–3.28	1.80	
Pesticides (Lot 3228)				
Aldrin (µg/L)	0.920	0.506–1.33	❖	
Dieldrin (µg/L)	2.12	1.17–3.07	❖	
Endrin (µg/L)	3.16	2.21–4.11	❖	
Heptachlor (µg/L)	1.57	0.864–2.28	❖	
Heptachlor epoxide (µg/L)	1.91	1.05–2.77	❖	
Lindane (µg/L)	1.43	0.787–2.07	❖	
Methoxychlor (µg/L)	14.5	7.98–21.0	❖	
Total Petroleum Hydrocarbons (Lot 8920)				
Total petroleum hydrocarbons, infrared (mg/L)	103	64.2–134	87.3	
Toxaphene (Lot 3228)				
Toxaphene (µg/L)	5.02	2.76–7.28	❖	
Trace Metals (Lot 9999)				
Aluminum (µg/L)	2,840	2,330–3,350	2,780	
Antimony (µg/L)	149	112–176	143	
Arsenic (µg/L)	175	131–206	166	
Barium (µg/L)	768	630–906	733	
Beryllium (µg/L)	117	96.2–138	112	
Boron (µg/L)	231	190–273	236	
Cadmium (µg/L)	395	323–466	395	
Chromium (µg/L)	957	785–1,130	973	
Cobalt (µg/L)	84.9	69.6–100	84.4	
Copper (µg/L)	68.2	55.9–80.5	64.9	
Iron (µg/L)	1,240	1,020–1,470	1,240	
Lead (µg/L)	776	637–916	799	
Manganese (µg/L)	1,810	1,490–2,140	1,790	
Mercury (µg/L)	7.83	5.87–9.79	6.03	
Molybdenum (µg/L)	214	175–252	221	
Nickel (µg/L)	148	121–174	145	
Selenium (µg/L)	572	429–675	519	
Silver (µg/L)	223	183–263	214	
Strontium (µg/L)	87.0	71.3–103	83.9	
Thallium (µg/L)	613	460–724	610	
Vanadium (µg/L)	1,530	1,260–1,810	1,530	
Zinc (µg/L)	708	581–836	669	
Turbidity (Lot 3431)				
Turbidity (NTU)	3.20	2.72–3.74	3.14	
Volatiles (Lot 586)				
Benzene (µg/L)	110	85.4–137	101	
Bromodichloromethane (µg/L)	61.3	47.1–76.3	60.1	
Bromoform (µg/L)	86.8	63.5–112	82.1	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Carbon tetrachloride (µg/L)	175	129–218	138	
Chlorobenzene (µg/L)	78.1	61.1–93.7	65.4	
Chlorodibromomethane (µg/L)	15.9	12.4–19.6	14.4	
Chloroform (µg/L)	96.1	73.7–117	99.3	
1,2-Dichlorobenzene (µg/L)	62.6	47.5–76.9	46.4◆	
1,3-Dichlorobenzene (µg/L)	127	97.0–153	89.4◆	
1,4-Dichlorobenzene (µg/L)	57.6	43.3–70.2	42.5◆	
1,2-Dichloroethane (µg/L)	60.1	46.9–75.7	65.8	
Dichloromethane (Methylene chloride) (µg/L)	60.8	43.0–79.2	66.2	
Ethylbenzene (µg/L)	49.3	36.9–57.6	37.0	
4-Methyl-2-pentanone (MIBK) (µg/L)	63.5	36.7–86.7	71.2	
1,1,2,2-Tetrachloroethane (µg/L)	81.0	59.0–102	80.1	
Tetrachloroethylene (µg/L)	64.3	47.4–77.6	44.1◆	
Toluene (µg/L)	84.4	65.1–102	67.8	
1,1,1-Trichloroethane (µg/L)	59.0	42.6–70.4	50.1	
1,1,2-Trichloroethane (µg/L)	36.4	27.7–45.7	36.4	
Trichloroethylene (µg/L)	37.6	27.9–45.5	32.0	
m-Xylene (µg/L)	41.2	26.6–51.8	31.4	
o-Xylene (µg/L)	119	76.7–149	89.3	

◆ Result is out of range.

❖ Value not reported by laboratory.

Table 49. Quality Control Standards for Selected Analyses for WA

Analyte	Certified Value	Performance Acceptance Limits	WA Result	Functional Guideline Code
Acids (Lot 589)				
2-Chlorophenol (µg/L)	33.0	13.6–37.2	22.0	
o-Cresol (2-Methylphenol) (µg/L)	42.8	13.6–49.5	24.0	
p-Cresol (3-Methylphenol) (µg/L)	99.7	30.8–117	61.4	
Pentachlorophenol (µg/L)	62.4	19.4–78.3	27.1	J
2,4,6-Trichlorophenol (µg/L)	143	62.0–164	92.6	
Base/Neutrals (Lot 589)				
Anthracene (µg/L)	69.3	32.7–80.8	49.1	
Benzo[k]fluoranthene (µg/L)	18.6	6.79–23.4	13.0	J
Benzo(a)pyrene (µg/L)	20.1	9.54–25.5	13.7	J
Bis(2-ethylhexyl) phthalate (µg/L)	134	53.9–170	124	
Chrysene (µg/L)	20.5	9.49–25.2	14.9	J
Dibenzofuran (µg/L)	52.8	25.1–58.6	33.9	
Di-n-butyl phthalate (µg/L)	67.4	27.2–84.7	55.8	
1,2-Dichlorobenzene (µg/L)	29.9	7.00–34.2	13.8	J
1,3-Dichlorobenzene (µg/L)	64.2	15.0–76.0	27.3	
2,4-Dinitrotoluene (µg/L)	53.1	22.2–61.2	28.8	
Hexachloroethane (µg/L)	89.0	35.6–112	39.5	
2-Methylnaphthalene (µg/L)	50.3	16.2–59.2	29.2	
Naphthalene (µg/L)	65.0	23.1–74.1	37.8	
Pyrene (µg/L)	121	56.5–147	107	
1,2,4-Trichlorobenzene (µg/L)	81.3	23.7–92.3	42.0	
Cations (Lot 439)				
Calcium (µg/L)	101,000	90,900–111,000	99,500	

Quality Control Samples

<i>Analyte</i>	<i>Certified Value</i>	<i>Performance Acceptance Limits</i>	<i>WA Result</i>	<i>Functional Guideline Code</i>
Magnesium (µg/L)	74,900	66,700–83,100	73,100	
Potassium (µg/L)	90,300	82,200–98,400	89,600	
Sodium (µg/L)	94,900	84,500–106,000	90,100	
Cyanide and Phenol (Lot 9988)				
Cyanide, total (µg/L)	976	712–1,240	1,340◆	
Phenols (µg/L)	447	340–554	388	
Grease and Oil (Lot 99101)				
Grease and oil (gravimetric) (mg/bottle)	49.4	29.6–61.8	34.6	
Herbicides (Lot 3229)				
2-sec-Butyl-4,6-dinitrophenol (µg/L)	18.8	6.17–24.3	13.2	
2,4-Dichlorophenoxyacetic acid (µg/L)	14.9	7.45–22.4	1.27◆	
2,4,5-T (µg/L)	26.1	13.1–39.2	16.8	
2,4,5-TP (Silvex) (µg/L)	9.19	4.60–13.8	6.05	
Inorganics (Lot 3437)				
Alkalinity (as CaCO ₃) (µg/L)	165,000	154,000–186,000	158,000	
Bromide (µg/L)	499	429–577	501	
Chloride (µg/L)	5,250	4,670–5,920	5,230	
Fluoride (µg/L)	6,980	6,280–7,680	7,170	
Nitrate as nitrogen (µg/L)	4,300	3,870–4,730	4,670	
pH (pH units)	9.25	9.05–9.45	9.18	
Potassium (µg/L)	26,600	22,800–31,000	27,400	
Sodium (µg/L)	80,500	72,700–89,200	78,100	
Specific conductance (µS/cm)	383	320–436	382	
Sulfate (µg/L)	12,100	10,400–13,700	12,000	
Total dissolved solids (µg/L)	448,000	367,000–502,000	❖	
Nutrients (Lot 99101)				
Ammonia as nitrogen (µg/L)	5,350	4,490–6,200	5,040	
Nitrate-nitrite as nitrogen (µg/L)	15,600	13,900–17,300	16,300	
Total phosphates (as P) (µg/L)	3,260	2,770–3,750	2,870	J
PCBs (Lot 581)				
PCB 1254 (µg/L)	2.61	1.56–3.28	2.34	
Pesticides (Lot 3228)				
Aldrin (µg/L)	0.920	0.506–1.33	0.600	
Dieldrin (µg/L)	2.12	1.17–3.07	2.04	
Endrin (µg/L)	3.16	2.21–4.11	3.62	
Heptachlor (µg/L)	1.57	0.864–2.28	1.04	
Heptachlor epoxide (µg/L)	1.91	1.05–2.77	1.50	
Lindane (µg/L)	1.43	0.787–2.07	1.18	
Methoxychlor (µg/L)	14.5	7.98–21.0	11.8	
Total Petroleum Hydrocarbons (Lot 8920)				
Total petroleum hydrocarbons, infrared (mg/L)	103	64.2–134	88.0	J
Toxaphene (Lot 3228)				
Toxaphene (µg/L)	5.02	2.76–7.28	5.01	
Trace Metals (Lot 9999)				
Aluminum (µg/L)	2,840	2,330–3,350	2,810	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	WA Result	Functional Guideline Code
Antimony (µg/L)	149	112–176	149	J
Arsenic (µg/L)	175	131–206	169	
Barium (µg/L)	768	630–906	755	
Beryllium (µg/L)	117	96.2–138	111	
Boron (µg/L)	231	190–273	250	
Cadmium (µg/L)	395	323–466	380	
Chromium (µg/L)	957	785–1,130	938	
Cobalt (µg/L)	84.9	69.6–100	83.9	
Copper (µg/L)	68.2	55.9–80.5	66.0	
Iron (µg/L)	1,240	1,020–1,470	1,230	
Lead (µg/L)	776	637–916	758	
Manganese (µg/L)	1,810	1,490–2,140	1,830	
Mercury (µg/L)	7.83	5.87–9.79	7.68	
Molybdenum (µg/L)	214	175–252	214	
Nickel (µg/L)	148	121–174	146	
Selenium (µg/L)	572	429–675	581	
Silver (µg/L)	223	183–263	219	
Strontium (µg/L)	87.0	71.3–103	85.7	
Thallium (µg/L)	613	460–724	594	
Vanadium (µg/L)	1,530	1,260–1,810	1,510	
Zinc (µg/L)	708	581–836	697	
Turbidity (Lot 3431)				
Turbidity (NTU)	3.20	2.72–3.74	3.04	
Volatiles (Lot 586)				
Benzene (µg/L)	110	85.4–137	127	
Bromodichloromethane (µg/L)	61.3	47.1–76.3	69.7	
Bromoform (µg/L)	86.8	63.5–112	87.4	
Carbon tetrachloride (µg/L)	175	129–218	184	
Chlorobenzene (µg/L)	78.1	61.1–93.7	82.7	
Chlorodibromomethane (µg/L)	15.9	12.4–19.6	16.3	
Chloroform (µg/L)	96.1	73.7–117	105	
1,2-Dichlorobenzene (µg/L)	62.6	47.5–76.9	64.3	
1,3-Dichlorobenzene (µg/L)	127	97.0–153	139	
1,4-Dichlorobenzene (µg/L)	57.6	43.3–70.2	61.4	
1,2-Dichloroethane (µg/L)	60.1	46.9–75.7	68.6	
Dichloromethane (Methylene chloride) (µg/L)	60.8	43.0–79.2	48.9	
Ethylbenzene (µg/L)	49.3	36.9–57.6	51.0	
4-Methyl-2-pentanone (MIBK) (µg/L)	63.5	36.7–86.7	65.1	
1,1,2,2-Tetrachloroethane (µg/L)	81.0	59.0–102	83.1	
Tetrachloroethylene (µg/L)	64.3	47.4–77.6	61.1	
Toluene (µg/L)	84.4	65.1–102	90.7	
1,1,1-Trichloroethane (µg/L)	59.0	42.6–70.4	61.0	
1,1,2-Trichloroethane (µg/L)	36.4	27.7–45.7	38.2	
Trichloroethylene (µg/L)	37.6	27.9–45.5	41.3	
m/p-Xylene (µg/L)	41.2	26.6–51.8	42.1	
o-Xylene (µg/L)	119	76.7–149	131	

◆ Result is out of range.

❖ Value not reported by laboratory.

J The analytical result is an estimated quantity.

Table 50. Quality Control Standards for Selected Analyses for ML

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
Acids (Lot 589)				
2-Chlorophenol (µg/L)	33.0	13.6–37.2	20.9	
o-Cresol (2-Methylphenol) (µg/L)	42.8	13.6–49.5	23.8	
p-Cresol (3-Methylphenol) (µg/L)	99.7	30.8–117	48.6	
Pentachlorophenol (µg/L)	62.4	19.4–78.3	49.1	
2,4,6-Trichlorophenol (µg/L)	143	62.0–164	90.3	
Base/Neutrals (Lot 589)				
Anthracene (µg/L)	69.3	32.7–80.8	55.6	
Benzo[k]fluoranthene (µg/L)	18.6	6.79–23.4	15.6	
Benzo(a)pyrene (µg/L)	20.1	9.54–25.5	17.3	
Bis(2-ethylhexyl) phthalate (µg/L)	134	53.9–170	104	
Chrysene (µg/L)	20.5	9.49–25.2	16.2	
Dibenzofuran (µg/L)	52.8	25.1–58.6	35.0	
Di-n-butyl phthalate (µg/L)	67.4	27.2–84.7	56.0	
1,2-Dichlorobenzene (µg/L)	29.9	7.0–34.2	14.2	
1,3-Dichlorobenzene (µg/L)	64.2	15.0–76.0	25.3	
2,4-Dinitrotoluene (µg/L)	53.1	22.2–61.2	40.8	
Hexachloroethane (µg/L)	89.0	35.6–112	24.7◆	
2-Methylnaphthalene (µg/L)	50.3	16.2–59.2	30.3	
Naphthalene (µg/L)	65.0	23.1–74.1	38.3	
Pyrene (µg/L)	121	56.5–147	80.5	
1,2,4-Trichlorobenzene (µg/L)	81.3	23.7–92.3	38.8	
Cations (Lot 439)				
Calcium (µg/L)	101,000	90,900–111,000	†	
Magnesium (µg/L)	74,900	66,700–83,100	†	
Potassium (µg/L)	90,300	82,200–98,400	†	
Sodium (µg/L)	94,900	84,500–106,000	†	
Cyanide and Phenol (Lot 9988)				
Cyanide, total (µg/L)	976	712–1,240	†	
Phenols (µg/L)	447	340–554	†	
Grease and Oil (Lot 99101)				
Grease and oil (gravimetric) (mg/bottle)	49.4	29.6–61.8	†	
Herbicides (Lot 3229)				
2-sec-Butyl-4,6-dinitrophenol (µg/L)	18.8	6.17–24.3	†	
2,4-Dichlorophenoxyacetic acid (µg/L)	14.9	7.45–22.4	†	
2,4,5-T (µg/L)	26.1	13.1–39.2	†	
2,4,5-TP (Silvex) (µg/L)	9.19	4.60–13.8	†	
Inorganics (Lot 3437)				
Alkalinity (as CaCO ₃) (µg/L)	165,000	154,000–186,000	†	
Bromide (µg/L)	499	429–577	†	
Chloride (µg/L)	5,250	4,670–5,920	†	
Fluoride (µg/L)	6,980	6,280–7,680	†	
Nitrate as nitrogen (µg/L)	4,300	3,870–4,730	†	
pH (pH units)	9.25	9.05–9.45	†	
Potassium (µg/L)	26,600	22,800–31,000	†	
Sodium (µg/L)	80,500	72,700–89,200	†	
Specific conductance (µS/cm)	383	320–436	†	
Sulfate (µg/L)	12,100	10,400–13,700	†	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
Total dissolved solids (µg/L)	448,000	367,000–502,000	†	
Nutrients (Lot 99101)				
Ammonia as nitrogen (µg/L)	5,350	4,490–6,200	†	
Nitrate-nitrite as nitrogen (µg/L)	15,600	13,900–17,300	†	
Total phosphates (as P) (µg/L)	3,260	2,770–3,750	†	
PCBs (Lot 581)				
PCB 1254 (µg/L)	2.61	1.56–3.28	2.04	
Pesticides (Lot 3228)				
Aldrin (µg/L)	0.920	0.506–1.33	0.477◆	
Dieldrin (µg/L)	2.12	1.17–3.07	1.51	
Endrin (µg/L)	3.16	2.21–4.11	4.55◆	
Heptachlor (µg/L)	1.57	0.864–2.28	1.04	
Heptachlor epoxide (µg/L)	1.91	1.05–2.77	1.35	
Lindane (µg/L)	1.43	0.787–2.07	0.917	
Methoxychlor (µg/L)	14.5	7.98–21.0	14.0	
Total Petroleum Hydrocarbons (Lot 8920)				
Total petroleum hydrocarbons, infrared (mg/bottle)	103	64.2–134	†	
Toxaphene (Lot 3228)				
Toxaphene (µg/L)	5.02	2.76–7.28	< 3.33*	
Trace Metals (Lot 9999)				
Aluminum (µg/L)	2,840	2,330–3,350	2,770	
Antimony (µg/L)	149	112–176	131	
Arsenic (µg/L)	175	131–206	169	
Barium (µg/L)	768	630–906	741	
Beryllium (µg/L)	117	96.2–138	110	
Boron (µg/L)	231	190–273	†	
Cadmium (µg/L)	395	323–466	392	
Chromium (µg/L)	957	785–1,130	964	
Cobalt (µg/L)	84.9	69.6–100	86.1	
Copper (µg/L)	68.2	55.9–80.5	69.0	
Iron (µg/L)	1,240	1,020–1,470	1,210	
Lead (µg/L)	776	637–916	743	
Manganese (µg/L)	1,810	1,490–2,140	1,790	
Mercury (µg/L)	7.83	5.87–9.79	140◆	
Molybdenum (µg/L)	214	175–252	†	
Nickel (µg/L)	148	121–174	148	
Selenium (µg/L)	572	429–675	555	
Silver (µg/L)	223	183–263	205	
Strontium (µg/L)	87.0	71.3–103	†	
Thallium (µg/L)	613	460–724	539	
Vanadium (µg/L)	1,530	1,260–1,810	1,510	
Zinc (µg/L)	708	581–836	707	
Turbidity (Lot 3431)				
Turbidity (NTU)	3.20	2.72–3.74	†	

◆ Result is out of range.

† The laboratory was not asked to report the results for this analysis.

* Not enough information to determine if result is within performance acceptance limits.

J The analytical result is an estimated quantity.

Quality Control Samples

Table 51. Laboratory Control Sample Recoveries for EX

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA6010B					
Aluminum	0/6	108	3.66	103	112
Antimony	0/2	111	2.12	109	112
Arsenic	0/6	102	6.25	93.0	109
Barium	0/4	106	3.0	103	109
Beryllium	0/2	108	2.83	106	110
Cadmium	0/6	106	4.42	99.0	111
Chromium	0/6	108	3.61	102	112
Copper	0/2	107	2.12	105	108
Iron	0/6	106	3.50	101	110
Lead	0/6	98.2	5.19	91.0	104
Nickel	0/2	108	2.12	106	109
Selenium	0/6	103	6.65	95.0	112
Silver	0/6	106	4.89	99.0	111
Thallium	0/2	107	2.83	105	109
Zinc	0/2	111	2.12	109	112
EPA7470A					
Mercury	0/6	104	6.35	96.0	111
EPA8081A					
Aldrin	0/2	99.5	13.4	90.0	109
p,p'-DDT	1/2	128	8.49	122	134
Dieldrin	0/2	103	7.78	97.0	108
Endrin	0/2	97.0	24.0	80.0	114
Heptachlor	0/2	111	19.8	97.0	125
Lindane	0/2	95.0	9.90	88.0	102
EPA8082					
PCB 1260	0/2	93.0	0.0	93.0	93.0
EPA8260B					
Benzene	0/26	98.6	7.68	81.0	108
Chlorobenzene	0/26	99.0	6.08	84.0	107
1,1-Dichloroethylene	0/26	98.3	6.58	83.0	110
Toluene	0/26	98.6	6.63	83.0	108
Trichloroethylene	0/28	99.0	6.60	85.0	109
EPA8270C					
Acenaphthene	0/2	79.0	1.41	78.0	80.0
4-Chloro-m-cresol	0/2	72.0	1.41	71.0	73.0
2-Chlorophenol	0/2	59.5	0.71	59.0	60.0
2,4-Dinitrotoluene	0/2	88.0	8.49	82.0	94.0
4-Nitrophenol	2/2	98.5	12.0	90.0	107
N-Nitrosodipropylamine	0/2	74.0	1.41	73.0	75.0
Pentachlorophenol	0/2	90.5	7.78	85.0	96.0
Phenol	0/2	60.5	4.95	57.0	64.0
Pyrene	0/2	78.0	7.07	73.0	83.0
1,2,4-Trichlorobenzene	0/2	61.0	1.41	60.0	62.0
EPA9014					
Cyanide	0/2	97.5	0.71	97.0	98.0

† 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

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA160.1					
Total dissolved solids	0/2	99.5	0.71	99.0	100
EPA300.0					
Nitrate as nitrogen	0/8	101	1.41	98.0	102
EPA310.1					
Alkalinity (as CaCO ₃)	0/2	94.5	7.78	89.0	100
EPA353.1					
Nitrate-nitrite as nitrogen	0/25	101	7.15	80.0	119
EPA365.4					
Total phosphates (as P)	0/2	106	2.12	104	107
EPA418.1					
Total petroleum hydrocarbons	4/8	76.0	6.48	70.0	84.0
EPA6010B					
Aluminum	0/35	104	3.98	98.0	111
Antimony	0/14	100	3.91	94.0	105
Arsenic	0/15	98.9	4.88	92.0	106
Barium	0/14	102	4.87	94.0	109
Beryllium	0/12	100	5.16	93.0	110
Boron	0/4	96.3	4.92	92.0	101
Cadmium	0/14	101	6.17	93.0	114
Calcium	0/13	104	5.47	97.0	113
Chromium	0/19	103	4.82	96.0	113
Cobalt	0/13	104	5.64	95.0	114
Copper	0/14	101	4.29	95.0	107
Iron	0/35	102	4.33	93.0	110
Lead	0/14	105	5.99	97.0	115
Magnesium	0/13	101	5.13	94.0	110
Manganese	0/14	103	4.61	96.0	111
Nickel	0/14	99.4	5.83	92.0	113
Potassium	0/8	95.9	6.75	86.0	105
Selenium	0/14	99.7	4.23	93.0	106
Silica	0/5	98.4	6.19	94.0	107
Silicon	0/5	98.4	6.19	94.0	107
Silver	0/14	101	4.52	93.0	108
Sodium	0/13	102	5.11	95.0	109
Thallium	0/8	106	6.64	95.0	115
Tin	0/4	99.5	5.26	94.0	104
Uranium	0/1	107	—	107	107
Vanadium	0/13	101	4.50	95.0	107
Zinc	0/14	101	4.61	94.0	110
EPA6020					
Aluminum	0/6	102	4.40	95.0	107
Antimony	0/6	101	2.81	96.0	104
Arsenic	0/6	100	5.82	91.0	108
Barium	0/6	103	3.90	100	108
Beryllium	0/24	108	5.99	98.0	119
Cadmium	0/22	103	3.15	99.0	109
Chromium	0/6	109	3.51	102	111
Cobalt	0/6	106	3.87	100	111
Copper	0/6	108	5.66	99.0	116
Iron	5/6	128	12.1	107	141

Quality Control Samples

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
Lead	0/22	98.1	4.10	92.0	107
Lithium	3/5	120	12.7	103	134
Nickel	0/6	104	3.33	99.0	109
Selenium	0/6	97.3	5.05	92.0	106
Silver	0/6	86.5	16.7	64.0	101
Thallium	0/8	87.9	5.22	81.0	97.0
Tin	0/6	106	3.51	100	109
Vanadium	0/6	109	6.56	98.0	116
Zinc	0/6	99.5	2.88	97.0	104
EPA7196A					
Chromium, hexavalent	0/3	97.3	2.89	94.0	99.0
EPA7470A					
Mercury	0/43	102	7.38	84.0	115
EPA8081A					
Aldrin	0/4	73.8	10.3	63.0	87.0
p,p'-DDT	0/4	87.3	20.6	67.0	110
Dieldrin	0/4	84.3	12.8	70.0	101
Endrin	0/5	83.0	15.6	64.0	107
Heptachlor	0/4	77.0	6.58	70.0	84.0
Lindane	0/4	81.0	13.6	67.0	97.0
EPA8082					
PCB 1260	0/6	92.2	19.1	65.0	120
EPA8151A					
2,4-Dichlorophenoxyacetic acid	0/7	80.3	5.28	71.0	87.0
2,4,5-TP (Silvex)	0/6	90.7	3.27	85.0	94.0
EPA8260B					
Benzene	0/30	97.3	6.06	81.0	106
Bromodichloromethane	0/2	86.5	7.78	81.0	92.0
Bromoform	0/2	85.5	6.36	81.0	90.0
Bromomethane	0/2	116	11.3	108	124
Carbon tetrachloride	0/2	95.0	7.07	90.0	100
Chlorobenzene	0/29	96.3	3.96	86.0	105
Chloroethane	0/2	87.5	7.78	82.0	93.0
Chloroethene	0/2	89.0	7.07	84.0	94.0
Chloroform	0/2	93.5	7.78	88.0	99.0
Chloromethane	0/2	71.0	5.66	67.0	75.0
Dibromochloromethane	0/2	90.5	7.78	85.0	96.0
1,1-Dichloroethane	0/2	93.5	7.78	88.0	99.0
1,2-Dichloroethane	0/2	94.0	8.49	88.0	100
1,1-Dichloroethylene	0/29	104	12.3	77.0	126
cis-1,2-Dichloroethylene	0/7	99.7	8.38	91.0	111
trans-1,2-Dichloroethylene	0/2	78.0	5.66	74.0	82.0
Dichloromethane	0/2	92.5	3.54	90.0	95.0
1,2-Dichloropropane	0/2	90.5	9.19	84.0	97.0
cis-1,3-Dichloropropene	0/2	88.0	8.49	82.0	94.0
trans-1,3-Dichloropropene	0/2	97.5	9.19	91.0	104
Ethylbenzene	0/2	94.5	7.78	89.0	100
1,1,2,2-Tetrachloroethane	0/2	94.0	7.07	89.0	99.0
Tetrachloroethylene	0/2	95.0	7.07	90.0	100
Toluene	0/30	97.9	5.96	87.0	117
1,1,1-Trichloroethane	0/2	101	6.36	96.0	105
1,1,2-Trichloroethane	0/2	94.0	7.07	89.0	99.0
Trichloroethylene	0/36	97.5	6.98	84.0	118
Trichlorofluoromethane	0/2	81.5	4.95	78.0	85.0

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8270C					
Acenaphthene	0/9	81.0	14.2	46.0	93.0
Bis(2-ethylhexyl) phthalate	0/12	99.0	30.3	54.0	150
4-Chloro-m-cresol	0/8	76.3	16.2	40.0	97.0
2-Chlorophenol	0/7	70.9	14.7	39.0	82.0
1,4-Dichlorobenzene	0/9	70.8	15.5	38.0	89.0
2,4-Dinitrotoluene	0/9	79.0	14.7	43.0	91.0
4-Nitrophenol	0/8	35.3	10.3	16.0	52.0
N-Nitrosodipropylamine	1/9	76.0	16.7	36.0	95.0
Pentachlorophenol	0/8	72.0	11.5	46.0	83.0
Phenol	0/8	33.5	7.76	15.0	39.0
Pyrene	0/9	88.1	7.79	70.0	95.0
1,2,4-Trichlorobenzene	0/9	72.3	13.6	45.0	90.0
EPA9012A					
Cyanide	0/19	100	7.28	80.0	112
EPA9020B					
Total organic halogens	1/1	70.0	—	70.0	70.0
EPA9040B					
pH	0/28	99.9	0.53	98.0	101
EPA9050A					
Specific conductance	0/19	101	1.39	98.0	102
EPA9056					
Chloride	0/3	96.7	1.15	96.0	98.0
Fluoride	0/1	101	—	101	101
Sulfate	0/5	98.0	1.0	97.0	99.0
EPA9060					
Total organic carbon	0/1	97.0	—	97.0	97.0
EPA9066					
Phenols	0/5	108	9.76	96.0	119

† 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

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA160.1					
Total dissolved solids	0/24	101	5.04	93.0	119
EPA310.1					
Alkalinity (as CaCO ₃)	0/18	106	7.48	100	120
EPA353.2					
Nitrate as nitrogen	0/1	110	—	110	110

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
Nitrate-nitrite as nitrogen	0/15	107	3.46	102	110
EPA418.1					
Total petroleum hydrocarbons	0/1	99.2	—	99.2	99.2
EPA6010B					
Aluminum	0/18	101	1.89	97.5	105
Antimony	0/4	100	2.42	98.0	103
Arsenic	0/8	99.4	1.65	98.2	102
Barium	0/4	99.2	1.46	97.7	101
Beryllium	0/6	101	1.26	99.2	103
Boron	0/13	99.3	2.20	95.7	102
Cadmium	0/8	100	1.89	98.8	103
Calcium	0/4	102	2.33	99.3	104
Chromium	0/5	101	1.73	99.2	103
Cobalt	0/3	101	1.44	99.5	102
Copper	0/4	99.7	1.70	98.0	102
Iron	0/18	100	1.32	98.5	103
Lead	0/9	99.2	1.91	97.7	102
Lithium	0/13	102	1.60	101	105
Magnesium	0/4	105	2.87	101	107
Manganese	0/8	104	2.27	102	107
Nickel	0/4	100	1.43	98.7	102
Potassium	0/4	104	3.02	99.6	106
Selenium	0/6	101	2.75	97.7	104
Silica	0/1	108	—	108	108
Silver	0/4	101	2.29	98.8	104
Sodium	0/4	100	1.85	97.3	101
Thallium	0/3	101	2.80	98.4	104
Tin	0/9	99.2	1.38	97.7	101
Vanadium	0/3	103	2.0	101	105
Zinc	0/4	101	2.40	98.8	103
EPA7470A					
Mercury	0/6	105	1.79	103	107
EPA8021B					
Carbon tetrachloride	0/2	105	7.07	100	110
Chloroform	0/2	96.8	3.11	94.6	99.0
Tetrachloroethylene	0/2	109	9.19	102	115
1,1,1-Trichloroethane	0/2	104	7.71	98.1	109
Trichloroethylene	0/2	109	5.66	105	113
EPA8081A					
Aldrin	0/1	60.0	—	60.0	60.0
p,p'-DDT	0/1	90.0	—	90.0	90.0
Dieldrin	0/1	96.0	—	96.0	96.0
Endrin	0/2	111	4.24	108	114
Heptachlor	0/1	75.0	—	75.0	75.0
Lindane	0/1	85.0	—	85.0	85.0
EPA8082					
PCB 1254	1/2	46.1	64.9	0.27	92.0
EPA8151A					
2,4-Dichlorophenoxyacetic acid	1/1	31.6	—	31.6	31.6
2,4,5-TP (Silvex)	1/1	66.8	—	66.8	66.8
EPA8260B					
Benzene	0/14	98.7	7.10	84.5	107

Quality Control Samples

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
Chlorobenzene	0/14	101	4.88	86.0	105
1,1-Dichloroethylene	0/14	87.4	7.94	77.1	110
Toluene	0/14	100	5.33	86.5	108
Trichloroethylene	0/14	91.5	9.29	80.8	103
EPA8270C					
Acenaphthene	0/2	63.3	0.99	62.6	64.0
4-Chloro-m-cresol	0/1	80.0	—	80.0	80.0
2-Chlorophenol	0/1	78.8	—	78.8	78.8
1,4-Dichlorobenzene	0/2	57.6	5.52	53.7	61.5
2,4-Dinitrotoluene	0/2	75.7	3.25	73.4	78.0
4-Nitrophenol	1/1	85.0	—	85.0	85.0
N-Nitrosodipropylamine	0/2	69.1	22.6	53.1	85.1
Pentachlorophenol	0/1	28.7	—	28.7	28.7
Phenol	0/1	74.1	—	74.1	74.1
Pyrene	0/2	74.3	4.45	71.1	77.4
1,2,4-Trichlorobenzene	0/2	61.2	4.17	58.2	64.1
EPA8280A					
Octachlorodibenzo-p-dioxin	0/1	102	—	102	102
2,3,7,8-TCDD	0/1	110	—	110	110
EPA9014					
Cyanide	0/10	93.8	4.92	84.7	98.3
EPA9020B					
Total organic halogens	0/13	100	4.86	94.4	110
EPA9050A					
Specific conductance	0/5	94.1	0.35	93.5	94.3
EPA9056					
Chloride	0/1	97.3	—	97.3	97.3
Sulfate	0/12	95.8	2.22	94.0	101
EPA9060					
Total organic carbon	0/23	98.8	3.98	91.7	103
EPA9066					
Phenols	0/17	98.8	2.51	95.3	104

† 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 54. Laboratory Control Sample Recoveries for ML

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA6010B					
Aluminum	0/7	94.7	3.04	90.0	98.0
Antimony	0/7	102	3.26	97.0	105
Arsenic	0/7	101	2.69	98.0	105
Barium	0/7	100	2.12	97.0	103
Beryllium	0/7	104	2.12	101	106
Cadmium	0/7	100	2.43	97.0	104

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
Calcium	0/7	99.3	2.06	97.0	103
Chromium	0/7	102	2.23	99.0	106
Cobalt	0/7	102	1.99	99.0	104
Copper	0/7	101	3.82	95.0	106
Iron	0/7	102	2.58	99.0	106
Lead	0/7	101	3.04	98.0	106
Magnesium	0/7	100	2.89	96.0	105
Manganese	0/7	102	1.80	99.0	104
Nickel	0/7	101	2.54	97.0	105
Potassium	0/7	97.1	3.89	92.0	103
Selenium	0/7	100	3.44	94.0	104
Silver	0/7	94.0	2.83	90.0	97.0
Sodium	0/7	99.9	3.80	94.0	105
Thallium	0/7	100	3.51	95.0	106
Vanadium	0/7	103	2.12	100	106
Zinc	0/7	100	1.99	98.0	103
EPA7470A					
Mercury	0/10	94.0	3.56	88.0	98.0
EPA8081A					
Aldrin	0/1	72.0	—	72.0	72.0
p,p'-DDT	0/1	93.0	—	93.0	93.0
Dieldrin	0/1	88.0	—	88.0	88.0
Endrin	0/1	99.0	—	99.0	99.0
Heptachlor	0/1	81.0	—	81.0	81.0
Lindane	0/1	84.0	—	84.0	84.0
EPA8082					
PCB 1254	0/1	67.0	—	67.0	67.0
EPA8260B					
Benzene	0/33	101	5.96	87.0	114
Chlorobenzene	0/33	96.1	4.15	84.0	103
1,1-Dichloroethylene	0/33	90.5	6.18	81.0	101
Toluene	0/33	101	3.99	88.0	106
Trichloroethylene	0/33	96.8	4.27	90.0	107
EPA8270C					
Acenaphthene	0/1	73.0	—	73.0	73.0
4-Chloro-m-cresol	0/1	73.0	—	73.0	73.0
2-Chlorophenol	0/1	65.0	—	65.0	65.0
1,4-Dichlorobenzene	0/1	63.0	—	63.0	63.0
2,4-Dinitrotoluene	0/1	71.0	—	71.0	71.0
4-Nitrophenol	0/1	26.0	—	26.0	26.0
N-Nitrosodipropylamine	0/1	75.0	—	75.0	75.0
Pentachlorophenol	0/1	65.0	—	65.0	65.0
Phenol	0/1	32.0	—	32.0	32.0
Pyrene	0/1	76.0	—	76.0	76.0
1,2,4-Trichlorobenzene	0/1	67.0	—	67.0	67.0
EPA9014					
Cyanide	0/5	95.2	6.42	85.0	101
EPIA-001					
Gross alpha	1/19	97.4	12.2	76.0	115
Nonvolatile beta	0/19	104	6.54	86.0	113
EPIA-002					
Tritium	0/28	103	2.41	97.0	108

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPIA-013					
Cesium-137	0/1	114	—	114	114

† 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

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPIA-001					
Gross alpha	3/42	102	11.2	81.0	125
Nonvolatile beta	2/38	106	7.93	89.0	122
EPIA-002					
Tritium	0/25	103	3.05	98.0	109
EPIA-003					
Carbon-14	0/14	95.3	2.92	90.0	100
EPIA-004					
Strontium-89/90	0/5	82.8	4.76	78.0	90.0
Strontium-90	2/15	95.4	10.7	77.0	118
EPIA-005					
Technetium-99	0/12	106	7.51	94.0	115
EPIA-006					
Iodine-129	1/12	102	9.54	93.0	122
EPIA-007					
Radon-222	0/2	93.5	4.95	90.0	97.0
EPIA-008					
Radium-226	0/23	92.5	12.0	75.0	111
EPIA-009					
Radium-228	1/21	100	10.7	81.0	121
EPIA-011					
Americium-241	0/9	101	8.50	81.0	109
Curium-243/244	0/9	104	11.7	78.0	121
Plutonium-239/240	0/7	100	10.3	80.0	114
Uranium-238	0/11	93.5	4.39	87.0	101
EPIA-012					
Thorium-232	0/10	111	6.26	103	122
EPIA-013					
Cesium-137	0/14	92.4	2.79	88.0	97.0
EPIA-022					
Nickel-59	0/1	110	—	110	110
Nickel-63	0/5	94.0	4.53	87.0	98.0

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPIA-032					
Neptunium-237	0/2	81.5	7.78	76.0	87.0

† 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.
— Standard deviation cannot be determined.

Table 56. Laboratory Control Sample Recoveries for TM

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
ASTM3500MOD					
Nickel-63	0/1	89.1	—	89.1	89.1
ASTMD5174M					
Uranium	0/1	97.9	—	97.9	97.9
EICHRMTC1MOD					
Technetium-99	1/2	106	24.7	88.6	124
EMLSR02MOD					
Strontium-90	0/7	88.5	4.08	83.0	93.5
EPA900.0MOD					
Gross alpha	0/19	105	4.38	98.6	116
Nonvolatile beta	0/14	105	2.24	102	110
EPA901.1MOD					
Cesium-137	0/3	107	2.50	105	109
Cobalt-60	0/3	92.8	7.05	88.6	101
EPA902.0MOD					
Iodine-129	0/2	98.6	4.29	95.6	102
EPA903.0MOD					
Radium, total alpha-emitting	0/2	87.4	3.72	84.7	90.0
EPA904.0MOD					
Radium-228	1/8	96.7	14.5	80.2	121
EPA906.0MOD					
Tritium	4/25	98.9	13.8	76.2	130

† 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	0/3	95.0	3.46	91.0	97.0
Tetrachloro-m-xylene	0/3	82.0	10.4	76.0	94.0
EPA8082					
Decachlorobiphenyl	0/3	99.0	1.73	97.0	100
Tetrachloro-m-xylene	0/3	85.0	8.19	76.0	92.0
EPA8260B					
p-Bromofluorobenzene	9/137	99.1	7.57	77.0	125
1,2-Dichloroethane-d4	8/137	101	8.45	76.0	130
Toluene-d8	6/137	100	5.23	77.0	115
EPA8270C					
2-Fluorobiphenyl	0/3	66.0	0.0	66.0	66.0
2-Fluorophenol	0/3	54.7	6.66	49.0	62.0
Nitrobenzene-d5	0/3	66.3	2.52	64.0	69.0
Phenol-d5	0/3	60.7	3.21	57.0	63.0
p-Terphenyl-d14	0/3	79.3	6.03	73.0	85.0
2,4,6-Tribromophenol (surr)	0/3	81.7	6.66	76.0	89.0

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

Note: A value of 0 is reported as 0.0.

Table 58. Surrogate Recoveries for GE

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8081A					
Decachlorobiphenyl	0/35	71.7	13.5	43.6	113
Tetrachloro-m-xylene	0/35	82.9	12.2	55.4	101
EPA8082					
Decachlorobiphenyl	0/57	79.9	14.5	44.6	108
Tetrachloro-m-xylene	0/51	69.6	16.0	39.6	95.3
EPA8151A					
2,4-Dichlorophenylacetic acid	18/43	69.6	18.6	0.0	130
EPA8260B					
p-Bromofluorobenzene	26/215	99.0	9.17	73.6	122
Dibromofluoromethane	15/216	98.2	8.65	74.6	117
Toluene-d8	56/221	103	9.05	81.5	121
EPA8270C					
2-Fluorobiphenyl	0/116	72.9	8.75	43.8	93.0
2-Fluorophenol	1/42	45.4	9.44	10.8	59.9
Nitrobenzene-d5	0/116	72.5	10.8	36.4	100
Phenol-d5	1/42	31.4	8.73	7.85	48.3
p-Terphenyl-d14	0/116	85.0	15.9	44.3	113

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
2,4,6-Tribromophenol (surr)	0/42	69.5	16.3	19.7	105

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

Note: A value of 0 is reported as 0.0.

Table 59. Surrogate Recoveries for WA

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8021B					
Bromochloromethane	0/13	98.2	6.09	87.6	109
EPA8081A					
Decachlorobiphenyl	0/16	96.1	10.1	77.0	110
Tetrachloro-m-xylene	0/16	59.4	10.3	32.5	72.5
EPA8082					
Decachlorobiphenyl	1/18	87.3	28.7	0.90	119
Tetrachloro-m-xylene	1/18	62.0	17.0	0.75	77.5
EPA8151A					
2,4-Dichlorophenylacetic acid	5/5	52.6	15.8	31.4	65.9
EPA8260B					
p-Bromofluorobenzene	2/88	96.9	6.73	84.0	115
1,2-Dichloroethane-d4	0/88	96.7	7.26	83.0	114
Toluene-d8	13/88	102	6.19	91.0	118
EPA8270C					
2-Fluorobiphenyl	0/24	64.5	5.54	55.5	75.1
2-Fluorophenol	0/5	67.0	3.95	63.2	72.1
Nitrobenzene-d5	0/24	67.4	7.76	53.3	84.4
Phenol-d5	0/5	68.7	6.15	63.6	78.5
p-Terphenyl-d14	0/24	79.8	8.14	68.5	95.0
2,4,6-Tribromophenol (surr)	0/5	80.6	6.68	71.3	87.8
EPA8280A					
Carbon 13-labeled 2,3,7,8-TCDD	0/2	78.5	2.12	77.0	80.0
Carbon 13-labeled OCDD	0/11	76.6	9.74	59.0	91.0

† 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	0/7	92.2	9.63	79.0	102
Tetrachloro-m-xylene	0/7	75.4	7.79	59.0	82.9
EPA8082					
Decachlorobiphenyl	0/7	109	22.6	82.7	143
EPA8260B					
p-Bromofluorobenzene	70/248	92.9	10.7	76.2	176
Dibromofluoromethane	1/248	105	7.37	92.3	196
Toluene-d8	100/248	109	6.77	97.3	197
EPA8270C					
2-Fluorobiphenyl	0/7	72.6	13.6	43.5	83.8
2-Fluorophenol	0/7	40.4	8.48	21.9	47.7
Nitrobenzene-d5	0/7	69.9	14.5	38.7	82.5
Phenol-d5	0/7	30.0	5.84	17.2	34.7
p-Terphenyl-d14	0/7	82.5	6.55	71.4	90.0
2,4,6-Tribromophenol (surr)	0/7	74.2	12.5	48.8	88.0

† 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 (%)
EPA8260B						
Benzene	0/20	98.1	5.85	-1.90	86.0	107
Chlorobenzene	0/20	99.6	4.51	-0.40	87.0	109
1,1-Dichloroethylene	0/20	98.8	4.70	-1.20	87.0	105
Toluene	0/20	98.2	4.60	-1.80	87.0	107
Trichloroethylene	0/22	98.6	5.16	-1.40	87.0	109

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

Table 62. Matrix Spike Recoveries for GE

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA300.0						
Nitrate as nitrogen	0/8	103	4.34	3.0	97.0	108
EPA310.1						
Alkalinity (as CaCO ₃)	0/1	99.0	—	-1.0	99.0	99.0
EPA353.1						
Nitrate-nitrite as nitrogen	0/48	100	13.2	0.0	68.0	130

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA365.4						
Total phosphates (as P)	0/3	92.0	10.8	-8.0	83.0	104
EPA6010B						
Aluminum	0/42	105	11.5	5.0	71.0	126
Antimony	0/16	101	2.62	1.0	96.0	105
Arsenic	0/16	100	3.72	0.0	92.0	104
Barium	0/16	103	3.58	3.0	95.0	107
Beryllium	0/14	102	4.31	2.0	93.0	109
Boron	0/2	95.0	0.0	-5.0	95.0	95.0
Cadmium	0/16	103	5.09	3.0	94.0	112
Calcium	0/16	105	5.01	5.0	97.0	118
Chromium	0/18	105	3.63	5.0	96.0	111
Cobalt	0/16	105	4.52	5.0	95.0	112
Copper	0/16	101	3.42	1.0	95.0	106
Iron	0/42	102	7.92	2.0	73.0	112
Lead	0/16	107	4.20	7.0	97.0	112
Magnesium	0/16	103	3.61	3.0	96.0	107
Manganese	0/16	104	3.61	4.0	96.0	107
Nickel	0/16	101	4.80	1.0	93.0	111
Potassium	0/12	96.4	5.42	-3.60	87.0	104
Selenium	0/16	100	2.74	0.0	95.0	103
Silica	0/4	100	4.24	0.0	96.0	105
Silicon	0/4	100	4.24	0.0	96.0	105
Silver	0/16	101	3.09	1.0	95.0	107
Sodium	0/16	104	5.66	4.0	94.0	114
Thallium	0/12	107	5.35	7.0	96.0	113
Tin	0/2	94.0	0.0	-6.0	94.0	94.0
Uranium	0/2	107	0.0	7.0	107	107
Vanadium	0/16	102	3.14	2.0	95.0	106
Zinc	0/16	102	4.15	2.0	95.0	109
EPA6020						
Aluminum	0/10	116	24.1	16.0	94.0	178
Antimony	0/10	106	2.20	6.0	103	110
Arsenic	0/10	100	2.35	0.0	96.0	103
Barium	0/10	109	7.87	9.0	99.0	129
Beryllium	0/44	113	8.86	13.0	98.0	127
Cadmium	0/40	106	5.04	6.0	95.0	117
Chromium	0/10	104	5.29	4.0	99.0	117
Cobalt	0/10	106	6.48	6.0	95.0	119
Copper	0/10	107	7.10	7.0	96.0	121
Iron	0/10	107	9.92	7.0	90.0	121
Lead	0/42	99.1	7.81	-0.90	78.0	113
Lithium	0/6	121	19.3	21.0	96.0	141
Nickel	0/10	104	5.52	4.0	95.0	116
Selenium	0/10	97.5	4.55	-2.50	92.0	108
Silver	0/10	86.7	15.0	-13.3	64.0	101
Thallium	0/16	91.4	9.69	-8.60	77.0	111
Tin	0/10	112	2.96	12.0	109	118
Vanadium	0/10	103	4.0	3.0	98.0	113
Zinc	0/10	99.5	5.64	-0.50	93.0	110
EPA7196A						
Chromium, hexavalent	0/3	75.0	36.4	-25.0	33.0	97.0
EPA7470A						
Mercury	0/52	107	7.99	7.0	88.0	129

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8081A						
Aldrin	0/8	85.5	3.38	-14.5	83.0	93.0
p,p'-DDT	0/8	82.5	16.2	-17.5	73.0	113
Dieldrin	0/8	85.6	11.1	-14.4	76.0	106
Endrin	0/8	81.3	17.0	-18.7	67.0	109
Heptachlor	0/8	86.8	9.91	-13.2	81.0	106
Lindane	0/8	85.8	11.2	-14.2	75.0	107
EPA8082						
PCB 1260	0/10	89.7	19.1	-10.3	56.0	110
EPA8151A						
2,4-Dichlorophenoxyacetic acid	0/10	77.7	20.3	-22.3	22.0	92.0
2,4,5-TP (Silvex)	0/10	83.3	24.6	-16.7	15.0	98.0
EPA8260B						
Benzene	0/26	91.6	4.90	-8.40	82.0	103
Chlorobenzene	0/26	91.8	4.62	-8.20	82.0	101
1,1-Dichloroethylene	0/26	93.1	10.5	-6.90	76.0	121
Toluene	0/26	91.7	6.11	-8.30	80.0	107
Trichloroethylene	0/32	91.8	11.6	-8.20	69.0	122
EPA8270C						
Acenaphthene	0/10	73.5	3.54	-26.5	68.0	80.0
4-Chloro-m-cresol	0/10	68.7	7.21	-31.3	58.0	80.0
2-Chlorophenol	0/10	66.1	5.57	-33.9	58.0	72.0
1,4-Dichlorobenzene	0/10	66.9	6.79	-33.1	57.0	75.0
2,4-Dinitrotoluene	0/10	71.4	5.95	-28.6	62.0	82.0
4-Nitrophenol	0/10	45.5	14.5	-54.5	22.0	62.0
N-Nitrosodipropylamine	0/10	73.7	9.25	-26.3	57.0	84.0
Pentachlorophenol	0/10	70.6	5.19	-29.4	60.0	75.0
Phenol	0/10	40.2	4.37	-59.8	32.0	45.0
Pyrene	0/10	94.9	6.35	-5.10	84.0	108
1,2,4-Trichlorobenzene	0/10	71.3	5.27	-28.7	65.0	79.0
EPA9012A						
Cyanide	0/17	81.8	42.9	-18.2	-4.0	166
EPA9020B						
Total organic halogens	0/1	91.0	—	-9.0	91.0	91.0
EPA9056						
Chloride	0/4	101	9.33	1.0	90.0	112
Fluoride	0/1	103	—	3.0	103	103
Sulfate	0/6	98.3	7.45	-1.70	90.0	111
EPA9060						
Total organic carbon	0/1	98.0	—	-2.0	98.0	98.0
EPA9066						
Phenols	0/9	97.8	7.60	-2.20	89.0	110

† 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.

Quality Control Samples

Table 63. Matrix Spike Recoveries for WA

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA353.2						
Nitrate-nitrite as nitrogen	0/4	91.8	26.6	-8.20	53.2	114
EPA365.2						
Total phosphates (as P)	0/1	106	—	6.0	106	106
EPA6010B						
Aluminum	0/12	107	15.2	7.0	96.1	152
Antimony	0/7	101	3.28	1.0	98.2	106
Arsenic	0/7	103	4.03	3.0	98.6	109
Barium	0/7	101	2.33	1.0	98.8	105
Beryllium	0/6	105	3.19	5.0	101	109
Boron	0/8	98.8	1.15	-1.20	96.7	100
Cadmium	0/7	104	4.63	4.0	99.2	110
Calcium	0/6	104	3.82	4.0	100	109
Chromium	0/7	103	2.47	3.0	99.7	107
Cobalt	0/6	103	3.26	3.0	99.5	107
Copper	0/7	101	2.25	1.0	99.2	105
Iron	0/12	94.1	17.1	-5.90	62.0	113
Lead	0/7	103	3.68	3.0	98.5	108
Lithium	0/8	105	1.60	5.0	102	107
Magnesium	0/6	104	3.67	4.0	98.4	108
Manganese	0/7	106	2.61	6.0	103	109
Nickel	0/7	102	2.98	2.0	98.8	106
Potassium	0/6	101	2.35	1.0	96.8	103
Selenium	0/7	104	4.17	4.0	97.2	109
Silver	0/7	102	3.12	2.0	99.2	107
Sodium	0/6	97.4	2.14	-2.60	93.8	100
Thallium	0/6	103	4.67	3.0	97.0	109
Tin	0/8	102	1.80	2.0	98.5	104
Vanadium	0/6	105	2.26	5.0	102	107
Zinc	0/7	102	3.65	2.0	97.8	107
EPA7470A						
Mercury	0/5	93.0	4.50	-7.0	86.6	96.8
EPA8021B						
Bromochloromethane	0/1	101	—	1.0	101	101
Carbon tetrachloride	0/2	115	0.71	15.0	114	115
Chloroform	0/2	102	1.41	2.0	101	103
Tetrachloroethylene	0/2	113	7.78	13.0	107	118
1,1,1-Trichloroethane	0/2	108	8.49	8.0	102	114
Trichloroethylene	0/2	112	7.78	12.0	106	117
EPA8081A						
Aldrin	0/1	65.0	—	-35.0	65.0	65.0
p,p'-DDT	0/1	76.0	—	-24.0	76.0	76.0
Dieldrin	0/1	82.0	—	-18.0	82.0	82.0
Endrin	0/2	103	4.24	3.0	100	106
Heptachlor	0/1	80.0	—	-20.0	80.0	80.0
Lindane	0/1	70.0	—	-30.0	70.0	70.0
EPA8082						
PCB 1254	0/2	85.2	5.09	-14.8	81.6	88.8

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8151A						
2,4-Dichlorophenoxyacetic acid	0/2	34.4	15.3	-65.6	23.6	45.2
2,4,5-TP (Silvex)	0/2	39.8	19.5	-60.2	26.0	53.6
EPA8260B						
Benzene	0/4	99.8	6.11	-0.20	93.4	108
Chlorobenzene	0/4	103	4.39	3.0	99.5	109
1,1-Dichloroethylene	0/4	93.1	13.7	-6.90	79.4	112
Toluene	0/4	102	4.11	2.0	98.7	108
Trichloroethylene	0/4	91.2	8.37	-8.80	84.0	100
EPA8270C						
Acenaphthene	0/1	67.1	—	-32.9	67.1	67.1
4-Chloro-m-cresol	0/1	86.6	—	-13.4	86.6	86.6
2-Chlorophenol	0/1	85.4	—	-14.6	85.4	85.4
1,4-Dichlorobenzene	0/1	64.9	—	-35.1	64.9	64.9
2,4-Dinitrotoluene	0/1	86.2	—	-13.8	86.2	86.2
4-Nitrophenol	0/1	105	—	5.0	105	105
N-Nitrosodipropylamine	0/1	60.7	—	-39.3	60.7	60.7
Pentachlorophenol	0/1	79.5	—	-20.5	79.5	79.5
Phenol	0/1	81.4	—	-18.6	81.4	81.4
Pyrene	0/1	78.9	—	-21.1	78.9	78.9
1,2,4-Trichlorobenzene	0/1	67.7	—	-32.3	67.7	67.7
EPA8280A						
Octachlorodibenzo-p-dioxin	0/1	104	—	4.0	104	104
EPA9020B						
Total organic halogens	0/4	79.0	11.9	-21.0	62.7	89.4
EPA9056						
Sulfate	0/4	104	2.22	4.0	101	106
EPA9060						
Total organic carbon	0/6	101	4.78	1.0	93.2	105
EPA9066						
Phenols	0/4	99.1	1.51	-0.90	97.3	101

† 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 64. Matrix Spike Recoveries for ML

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA6010B						
Aluminum	0/10	87.1	13.5	-12.9	63.0	99.0
Antimony	0/10	103	4.14	3.0	99.0	111
Arsenic	0/10	103	3.68	3.0	98.0	110
Barium	0/10	99.2	1.87	-0.80	96.0	102
Beryllium	0/10	103	5.01	3.0	94.0	108
Cadmium	0/10	100	4.06	0.0	93.0	106

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
Calcium	0/10	97.5	5.54	-2.50	87.0	104
Chromium	0/10	102	4.79	2.0	94.0	109
Cobalt	0/10	102	3.21	2.0	96.0	106
Copper	0/10	101	2.84	1.0	97.0	104
Iron	0/10	101	13.2	1.0	94.0	138
Lead	0/10	101	2.27	1.0	97.0	104
Magnesium	0/10	97.4	2.27	-2.60	95.0	102
Manganese	0/10	102	3.05	2.0	96.0	106
Nickel	0/10	101	3.23	1.0	95.0	106
Potassium	0/10	97.1	2.64	-2.90	94.0	103
Selenium	0/10	102	2.67	2.0	99.0	108
Silver	0/10	93.3	5.64	-6.70	83.0	99.0
Sodium	0/10	96.5	2.84	-3.50	93.0	103
Thallium	0/10	102	1.84	2.0	99.0	105
Vanadium	0/10	102	4.19	2.0	94.0	107
Zinc	0/10	100	2.0	0.0	96.0	102
EPA7470A						
Mercury	0/10	97.9	14.9	-2.10	85.0	129
EPA8081A						
Aldrin	0/2	81.0	4.24	-19.0	78.0	84.0
p,p'-DDT	0/2	95.0	5.66	-5.0	91.0	99.0
Dieldrin	0/2	86.5	4.95	-13.5	83.0	90.0
Endrin	0/2	99.0	7.07	-1.0	94.0	104
Heptachlor	0/2	95.0	5.66	-5.0	91.0	99.0
Lindane	0/2	82.5	4.95	-17.5	79.0	86.0
EPA8082						
PCB 1254	0/2	78.0	1.41	-22.0	77.0	79.0
EPA8260B						
Benzene	0/32	102	6.17	2.0	85.0	113
Chlorobenzene	0/32	95.9	4.59	-4.10	83.0	104
1,1-Dichloroethylene	0/32	93.2	8.29	-6.80	74.0	113
Toluene	0/32	102	4.22	2.0	92.0	111
Trichloroethylene	0/32	116	76.1	16.0	83.0	415
EPA8270C						
Acenaphthene	0/2	80.0	5.66	-20.0	76.0	84.0
4-Chloro-m-cresol	0/2	80.5	4.95	-19.5	77.0	84.0
2-Chlorophenol	0/2	69.0	5.66	-31.0	65.0	73.0
1,4-Dichlorobenzene	0/2	66.0	7.07	-34.0	61.0	71.0
2,4-Dinitrotoluene	0/2	81.5	6.36	-18.5	77.0	86.0
4-Nitrophenol	0/2	30.5	2.12	-69.5	29.0	32.0
N-Nitrosodipropylamine	0/2	80.5	4.95	-19.5	77.0	84.0
Pentachlorophenol	0/2	70.5	6.36	-29.5	66.0	75.0
Phenol	0/2	34.0	2.83	-66.0	32.0	36.0
Pyrene	0/2	82.5	2.12	-17.5	81.0	84.0
1,2,4-Trichlorobenzene	0/2	70.5	6.36	-29.5	66.0	75.0
EPA9014						
Cyanide	0/6	99.5	4.18	-0.50	93.0	104
EPIA-001						
Gross alpha	0/27	91.0	14.0	-9.0	62.0	114
Nonvolatile beta	0/27	98.2	9.03	-1.80	87.0	123

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPIA-002						
Tritium	0/48	97.5	16.4	-2.50	34.0	130

† 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

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPIA-001						
Gross alpha	0/43	86.4	125	-13.6	-680	214
Nonvolatile beta	0/41	116	53.2	16.0	50.0	308
EPIA-002						
Tritium	0/27	413	1,260	313	-279	4,760
EPIA-003						
Carbon-14	0/11	95.5	1.86	-4.50	93.0	99.0
EPIA-004						
Strontium-89/90	0/5	87.6	7.83	-12.4	81.0	98.0
Strontium-90	0/20	86.4	8.79	-13.6	62.0	98.0
EPIA-005						
Technetium-99	0/18	107	8.05	7.0	92.0	121
EPIA-006						
Iodine-129	0/16	103	11.4	3.0	86.0	123
EPIA-007						
Radon-222	0/2	104	4.24	4.0	101	107
EPIA-008						
Radium-226	0/26	91.3	11.4	-8.70	75.0	113
EPIA-009						
Radium-228	0/23	105	8.60	5.0	92.0	119
EPIA-010						
Radium, total alpha-emitting	0/1	83.0	—	-17.0	83.0	83.0
EPIA-011						
Americium-241	0/12	104	5.47	4.0	97.0	112
Curium-243/244	0/12	101	6.63	1.0	95.0	120
Plutonium-239/240	0/11	100	9.91	0.0	88.0	125
Uranium-238	0/14	89.2	20.0	-10.8	28.0	116
EPIA-012						
Thorium-232	0/13	108	7.05	8.0	96.0	123

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPIA-013						
Cesium-137	0/18	102	6.94	2.0	92.0	118
EPIA-022						
Nickel-63	0/6	97.2	6.31	-2.80	87.0	105
EPIA-032						
Neptunium-237	0/2	76.5	0.71	-23.5	76.0	77.0

† 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 66. Analytes Detected in Method Blanks for EX

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA6010B				
Aluminum	0/3	200	0.0	200/200 µg/L
Antimony	0/1	100	—	100/100 µg/L
Arsenic	0/3	10.0	0.0	10.0/10.0 µg/L
Barium	0/2	10.0	0.0	10.0/10.0 µg/L
Beryllium	0/1	1.0	—	1.0/1.0 µg/L
Cadmium	0/3	10.0	0.0	10.0/10.0 µg/L
Chromium	0/3	10.0	0.0	10.0/10.0 µg/L
Copper	0/1	20.0	—	20.0/20.0 µg/L
Iron	2/3	81.3	104	3.46/200 µg/L
Lead	0/3	10.0	0.0	10.0/10.0 µg/L
Nickel	0/1	50.0	—	50.0/50.0 µg/L
Selenium	0/3	10.0	0.0	10.0/10.0 µg/L
Silver	0/3	20.0	0.0	20.0/20.0 µg/L
Thallium	1/1	7.16	—	7.16/7.16 µg/L
Zinc	0/1	20.0	—	20.0/20.0 µg/L
EPA7470A				
Mercury	0/3	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

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Lindane	0/1	0.10	—	0.10/0.10 µg/L
Toxaphene	0/1	2.0	—	2.0/2.0 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	2.0	—	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	0/5	20.0	0.0	20.0/20.0 µg/L
Acetonitrile	0/5	200	0.0	200/200 µg/L
Acrolein	0/6	50.0	0.0	50.0/50.0 µg/L
Acrylonitrile	0/6	10.0	0.0	10.0/10.0 µg/L
Allyl chloride	0/5	5.0	0.0	5.0/5.0 µg/L
Benzene	0/13	5.0	0.0	5.0/5.0 µg/L
Bromochloromethane	0/5	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/13	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/13	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/13	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	0/13	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/13	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/13	5.0	0.0	5.0/5.0 µg/L
Chloroethene	0/13	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	0/13	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/13	5.0	0.0	5.0/5.0 µg/L
Chloroprene	0/5	20.0	0.0	20.0/20.0 µg/L
Dibromochloromethane	0/13	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/5	10.0	0.0	10.0/10.0 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	0/6	5.0	0.0	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	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/5	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethane	0/13	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/13	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/13	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	0/13	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	3/13	8.42	3.08	2.0/10.0 µg/L
1,2-Dichloropropane	0/13	5.0	0.0	5.0/5.0 µg/L
1,3-Dichloropropane	0/5	5.0	0.0	5.0/5.0 µg/L
2,2-Dichloropropane	0/5	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloropropene	0/5	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/13	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/13	5.0	0.0	5.0/5.0 µg/L
1,4-Dioxane	0/5	500	0.0	500/500 µg/L
Ethyl methacrylate	0/5	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/13	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/5	20.0	0.0	20.0/20.0 µg/L
Iodomethane	0/5	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/5	500	0.0	500/500 µg/L
Methacrylonitrile	0/5	200	0.0	200/200 µg/L
Methyl ethyl ketone	0/5	20.0	0.0	20.0/20.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Methyl isobutyl ketone	0/5	10.0	0.0	10.0/10.0 µg/L
Methyl methacrylate	0/5	20.0	0.0	20.0/20.0 µg/L
Pentachloroethane	0/5	200	0.0	200/200 µg/L
Propionitrile	0/5	200	0.0	200/200 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	0/13	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/13	5.0	0.0	5.0/5.0 µg/L
Toluene	0/13	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/13	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	0/13	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/14	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/13	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	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/5	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
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	17.0	—	17.0/17.0 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
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

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
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: A value of 0 is reported as 0.0.

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

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA160.1				
Total dissolved solids	0/2	10,000	0.0	10,000/10,000 µg/L
EPA300.0				
Nitrate as nitrogen	0/8	50.0	0.0	50.0/50.0 µg/L
EPA353.1				
Nitrate-nitrite as nitrogen	9/27	34.3	18.6	9.0/50.0 µg/L
EPA365.4				
Total phosphates (as P)	0/1	50.0	—	50.0/50.0 µg/L
EPA418.1				
Total petroleum hydrocarbons	0/5	1,000	0.0	1,000/1,000 µg/L
EPA6010B				
Aluminum	6/31	46.4	7.87	24.4/50.0 µg/L
Antimony	1/12	9.46	1.88	3.50/10.0 µg/L
Arsenic	0/13	5.0	0.0	5.0/5.0 µg/L
Barium	0/12	5.0	0.0	5.0/5.0 µg/L
Beryllium	0/10	5.0	0.0	5.0/5.0 µg/L
Boron	0/3	50.0	0.0	50.0/50.0 µg/L
Cadmium	0/12	5.0	0.0	5.0/5.0 µg/L
Calcium	2/11	90.5	21.5	39.2/100 µg/L
Chromium	0/16	5.0	0.0	5.0/5.0 µg/L
Cobalt	0/11	5.0	0.0	5.0/5.0 µg/L
Copper	2/12	4.87	0.34	3.85/5.0 µg/L
Iron	2/30	48.4	6.20	24.2/50.0 µg/L
Lead	0/12	5.0	0.0	5.0/5.0 µg/L
Magnesium	3/11	15.7	7.32	3.70/20.0 µg/L
Manganese	2/12	8.54	3.40	1.19/10.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Nickel	0/12	5.0	0.0	5.0/5.0 µg/L
Potassium	2/7	80.9	32.8	29.5/100 µg/L
Selenium	0/12	5.0	0.0	5.0/5.0 µg/L
Silica	2/4	143	81.0	63.7/213 µg/L
Silicon	2/4	67.2	38.1	29.8/100 µg/L
Silver	2/12	4.30	1.63	0.76/5.0 µg/L
Sodium	6/11	59.0	40.3	13.1/100 µg/L
Thallium	0/7	10.0	0.0	10.0/10.0 µg/L
Tin	1/3	7.39	4.53	2.16/10.0 µg/L
Uranium	0/1	50.0	—	50.0/50.0 µg/L
Vanadium	0/11	5.0	0.0	5.0/5.0 µg/L
Zinc	0/12	5.0	0.0	5.0/5.0 µg/L
EPA6020				
Aluminum	2/5	12.2	3.89	7.49/15.0 µg/L
Antimony	2/5	1.31	0.95	0.26/2.0 µg/L
Arsenic	3/5	1.88	1.07	0.73/3.0 µg/L
Barium	2/5	1.38	0.87	0.17/2.0 µg/L
Beryllium	0/23	0.21	0.04	0.20/0.40 µg/L
Cadmium	7/21	0.78	0.35	0.07/1.0 µg/L
Chromium	4/5	1.36	0.93	0.73/3.0 µg/L
Cobalt	1/5	0.93	0.17	0.63/1.0 µg/L
Copper	0/5	2.0	0.0	2.0/2.0 µg/L
Iron	0/5	25.0	0.0	25.0/25.0 µg/L
Lead	4/21	1.72	0.59	0.45/2.0 µg/L
Lithium	2/3	4.04	5.16	0.94/10.0 µg/L
Nickel	1/5	1.74	0.57	0.72/2.0 µg/L
Selenium	3/5	1.71	1.18	0.79/3.0 µg/L
Silver	2/5	0.78	0.36	0.17/1.0 µg/L
Thallium	2/7	0.46	0.31	0.03/1.0 µg/L
Tin	1/5	1.64	0.81	0.19/2.0 µg/L
Vanadium	4/5	3.56	3.68	0.92/10.0 µg/L
Zinc	1/5	8.55	3.24	2.75/10.0 µg/L
EPA7196A				
Chromium, hexavalent	0/3	10.0	0.0	10.0/10.0 µg/L
EPA7470A				
Mercury	2/31	0.20	0.02	0.12/0.20 µg/L
EPA8081A				
Aldrin	0/5	0.02	0.0	0.02/0.02 µg/L
alpha-Benzene hexachloride	0/5	0.02	0.0	0.02/0.02 µg/L
beta-Benzene hexachloride	0/5	0.02	0.0	0.02/0.02 µg/L
delta-Benzene hexachloride	0/5	0.02	0.0	0.02/0.02 µg/L
alpha-Chlordane	0/5	0.02	0.0	0.02/0.02 µg/L
gamma-Chlordane	0/5	0.02	0.0	0.02/0.02 µg/L
p,p'-DDD	0/5	0.04	0.0	0.04/0.04 µg/L
p,p'-DDE	0/5	0.04	0.0	0.04/0.04 µg/L
p,p'-DDT	0/5	0.04	0.0	0.04/0.04 µg/L
Dieldrin	0/5	0.04	0.0	0.04/0.04 µg/L
Endosulfan sulfate	0/5	0.04	0.0	0.04/0.04 µg/L
Endosulfan I	0/5	0.02	0.0	0.02/0.02 µg/L
Endosulfan II	0/5	0.04	0.0	0.04/0.04 µg/L
Endrin	0/6	0.04	0.0	0.04/0.04 µg/L
Endrin ketone	0/5	0.04	0.0	0.04/0.04 µg/L
Heptachlor	0/5	0.02	0.0	0.02/0.02 µg/L
Heptachlor epoxide	0/5	0.02	0.0	0.02/0.02 µg/L
Lindane	0/5	0.02	0.0	0.02/0.02 µg/L
Methoxychlor	0/5	0.20	0.0	0.20/0.20 µg/L
Toxaphene	0/5	1.0	0.0	1.0/1.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA8082				
PCB 1016	0/6	0.10	0.0	0.10/0.10 µg/L
PCB 1221	0/6	0.10	0.0	0.10/0.10 µg/L
PCB 1232	0/6	0.10	0.0	0.10/0.10 µg/L
PCB 1242	0/6	0.10	0.0	0.10/0.10 µg/L
PCB 1248	0/6	0.10	0.0	0.10/0.10 µg/L
PCB 1254	0/6	0.10	0.0	0.10/0.10 µg/L
PCB 1260	0/7	0.10	0.0	0.10/0.10 µg/L
EPA8151A				
2,4-Dichlorophenoxyacetic acid	0/8	0.31	0.16	0.20/0.50 µg/L
2,4,5-TP (Silvex)	0/7	0.33	0.16	0.20/0.50 µg/L
EPA8260B				
Acetone	5/11	4.08	1.25	1.41/5.0 µg/L
Benzene	1/35	0.99	0.05	0.69/1.0 µg/L
Bromodichloromethane	0/35	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/35	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/35	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/14	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/35	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/35	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/35	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/35	1.0	0.0	1.0/1.0 µg/L
2-Chloroethyl vinyl ether	0/21	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/35	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/35	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/35	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/35	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/35	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/35	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/14	2.0	0.0	2.0/2.0 µg/L
cis-1,2-Dichloroethylene	0/19	1.0	0.0	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/21	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	7/31	4.40	1.25	1.31/5.0 µg/L
1,2-Dichloropropane	0/35	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/35	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/35	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	2/36	0.96	0.18	0.21/1.0 µg/L
2-Hexanone	0/14	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	0/14	5.0	0.0	5.0/5.0 µg/L
Methyl isobutyl ketone	0/14	5.0	0.0	5.0/5.0 µg/L
Styrene	0/14	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/35	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/35	1.0	0.0	1.0/1.0 µg/L
Toluene	0/35	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/35	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/35	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/41	1.0	0.0	1.0/1.0 µg/L
Trichlorofluoromethane	0/21	1.0	0.0	1.0/1.0 µg/L
Trichlorotrifluoroethane	0/4	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/14	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/14	3.0	0.0	3.0/3.0 µg/L
EPA8270C				
Acenaphthene	0/8	1.00	0.01	0.97/1.0 µg/L
Acenaphthylene	0/8	1.00	0.01	0.97/1.0 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

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Aniline	0/1	10.0	—	10.0/10.0 µg/L
Anthracene	0/8	1.00	0.01	0.97/1.0 µg/L
Aramite	0/1	10.0	—	10.0/10.0 µg/L
Benzo[a]anthracene	0/8	1.00	0.01	0.97/1.0 µg/L
Benzo[b]fluoranthene	0/8	1.00	0.01	0.97/1.0 µg/L
Benzo[k]fluoranthene	0/8	1.00	0.01	0.97/1.0 µg/L
Benzo[g,h,i]perylene	0/8	1.00	0.01	0.97/1.0 µg/L
Benzo[a]pyrene	0/8	1.00	0.01	0.97/1.0 µg/L
Benzyl alcohol	0/1	10.0	—	10.0/10.0 µg/L
Bis(2-chloroethoxy) methane	0/8	9.96	0.10	9.71/10.0 µg/L
Bis(2-chloroethyl) ether	0/8	9.96	0.10	9.71/10.0 µg/L
Bis(2-chloroisopropyl) ether	0/8	9.96	0.10	9.71/10.0 µg/L
Bis(2-ethylhexyl) phthalate	1/17	1.02	0.09	0.97/1.35 µg/L
4-Bromophenyl phenyl ether	0/8	9.96	0.10	9.71/10.0 µg/L
Butylbenzyl phthalate	0/8	9.96	0.10	9.71/10.0 µg/L
Carbazole	0/7	9.96	0.11	9.71/10.0 µg/L
4-Chloroaniline	0/8	9.96	0.10	9.71/10.0 µg/L
Chlorobenzilate	0/1	10.0	—	10.0/10.0 µg/L
4-Chloro-m-cresol	0/7	9.96	0.11	9.71/10.0 µg/L
2-Chloronaphthalene	0/8	1.00	0.01	0.97/1.0 µg/L
2-Chlorophenol	0/7	9.96	0.11	9.71/10.0 µg/L
4-Chlorophenyl phenyl ether	0/8	9.96	0.10	9.71/10.0 µg/L
Chrysene	0/8	1.00	0.01	0.97/1.0 µg/L
m/p-Cresol	0/7	9.96	0.11	9.71/10.0 µg/L
o-Cresol	0/7	9.96	0.11	9.71/10.0 µg/L
Diallate	0/1	10.0	—	10.0/10.0 µg/L
Dibenz[a,h]anthracene	0/8	1.00	0.01	0.97/1.0 µg/L
Dibenzofuran	0/8	9.96	0.10	9.71/10.0 µg/L
Di-n-butyl phthalate	0/8	9.96	0.10	9.71/10.0 µg/L
1,2-Dichlorobenzene	0/8	9.96	0.10	9.71/10.0 µg/L
1,3-Dichlorobenzene	0/8	9.96	0.10	9.71/10.0 µg/L
1,4-Dichlorobenzene	0/8	9.96	0.10	9.71/10.0 µg/L
3,3'-Dichlorobenzidine	0/8	9.96	0.10	9.71/10.0 µg/L
2,4-Dichlorophenol	0/7	9.96	0.11	9.71/10.0 µg/L
Diethyl phthalate	0/8	9.96	0.10	9.71/10.0 µg/L
Dimethoate	0/1	10.0	—	10.0/10.0 µg/L
2,4-Dimethyl phenol	0/7	9.96	0.11	9.71/10.0 µg/L
Dimethyl phthalate	0/8	9.96	0.10	9.71/10.0 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	0/7	19.9	0.23	19.4/20.0 µg/L
2,4-Dinitrotoluene	0/8	9.96	0.10	9.71/10.0 µg/L
2,6-Dinitrotoluene	0/8	9.96	0.10	9.71/10.0 µg/L
Di-n-octyl phthalate	0/8	9.96	0.10	9.71/10.0 µg/L
1,4-Dioxane	0/1	10.0	—	10.0/10.0 µg/L
Diphenylamine	0/8	9.96	0.10	9.71/10.0 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
Ethyl methanesulfonate	0/1	10.0	—	10.0/10.0 µg/L
Famphur	0/1	10.0	—	10.0/10.0 µg/L
Fluoranthene	0/8	1.00	0.01	0.97/1.0 µg/L
Fluorene	0/8	1.00	0.01	0.97/1.0 µg/L
Hexachlorobenzene	0/8	9.96	0.10	9.71/10.0 µg/L
Hexachlorobutadiene	0/8	9.96	0.10	9.71/10.0 µg/L
Hexachlorocyclopentadiene	0/8	9.96	0.10	9.71/10.0 µg/L
Hexachloroethane	0/8	9.96	0.10	9.71/10.0 µg/L
Hexachlorophene	0/1	500	—	500/500 µg/L
Hexachloropropene	0/1	10.0	—	10.0/10.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Indeno[1,2,3-c,d]pyrene	0/8	1.00	0.01	0.97/1.0 µg/L
Isodrin	0/1	10.0	—	10.0/10.0 µg/L
Isophorone	0/8	9.96	0.10	9.71/10.0 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	0/7	9.96	0.11	9.71/10.0 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	0/8	1.00	0.01	0.97/1.0 µg/L
Naphthalene	0/8	1.00	0.01	0.97/1.0 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	0/8	9.96	0.10	9.71/10.0 µg/L
o-Nitroaniline	0/8	9.96	0.10	9.71/10.0 µg/L
p-Nitroaniline	0/8	9.96	0.10	9.71/10.0 µg/L
Nitrobenzene	0/8	9.96	0.10	9.71/10.0 µg/L
2-Nitrophenol	0/7	9.96	0.11	9.71/10.0 µg/L
4-Nitrophenol	0/7	9.96	0.11	9.71/10.0 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-Nitrosodipropylamine	0/8	9.96	0.10	9.71/10.0 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
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	0/7	9.96	0.11	9.71/10.0 µg/L
Phenacetin	0/1	10.0	—	10.0/10.0 µg/L
Phenanthrene	0/8	1.00	0.01	0.97/1.0 µg/L
Phenol	0/7	9.96	0.11	9.71/10.0 µg/L
p-Phenylenediamine	0/1	20.0	—	20.0/20.0 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	0/8	1.00	0.01	0.97/1.0 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
1,2,4,5-Tetrachlorobenzene	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	0/8	9.96	0.10	9.71/10.0 µg/L
2,4,5-Trichlorophenol	0/7	9.96	0.11	9.71/10.0 µg/L
2,4,6-Trichlorophenol	0/7	9.96	0.11	9.71/10.0 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
EPA8280A				
OCDD	0/1	0.01	—	0.01/0.01 µg/L
EPA9012A				
Cyanide	1/13	4.86	0.50	3.19/5.0 µg/L
EPA9020B				
Total organic halogens	1/1	4.84	—	4.84/4.84 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA9056				
Chloride	0/3	100	0.0	100/100 µg/L
Fluoride	0/1	50.0	—	50.0/50.0 µg/L
Sulfate	0/5	200	0.0	200/200 µg/L
EPA9060				
Total organic carbon	1/1	57.5	—	57.5/57.5 µg/L
EPA9066				
Phenols	2/4	3.73	1.48	2.33/5.0 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: A value of 0 is reported as 0.0.

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

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA160.1				
Total dissolved solids	0/12	50,000	0.0	50,000/50,000 µg/L
EPA310.1				
Alkalinity (as CaCO ₃)	0/9	6.70	0.0	6.70/6.70 meq/L
EPA353.2				
Nitrate as nitrogen	0/1	20.0	—	20.0/20.0 µg/L
Nitrate-nitrite as nitrogen	0/15	20.0	0.0	20.0/20.0 µg/L
EPA418.1				
Total petroleum hydrocarbons	0/1	10,000	—	10,000/10,000 µg/L
EPA6010B				
Aluminum	0/18	146	0.0	146/146 µg/L
Antimony	0/4	27.0	0.0	27.0/27.0 µg/L
Arsenic	0/8	40.0	0.0	40.0/40.0 µg/L
Barium	2/4	1.17	0.77	0.25/1.80 µg/L
Beryllium	0/6	1.60	0.0	1.60/1.60 µg/L
Boron	0/13	266	0.0	266/266 µg/L
Cadmium	0/8	4.70	0.0	4.70/4.70 µg/L
Calcium	0/4	471	0.0	471/471 µg/L
Chromium	1/5	5.84	2.59	1.20/7.0 µg/L
Cobalt	0/3	4.50	0.0	4.50/4.50 µg/L
Copper	0/4	15.0	0.0	15.0/15.0 µg/L
Iron	6/18	53.4	30.0	8.0/74.0 µg/L
Lead	0/9	47.0	0.0	47.0/47.0 µg/L
Lithium	1/13	2.59	0.39	1.30/2.70 µg/L
Magnesium	2/4	45.6	32.9	17.1/74.0 µg/L
Manganese	0/8	7.80	0.0	7.80/7.80 µg/L
Nickel	0/4	26.0	0.0	26.0/26.0 µg/L
Potassium	0/4	187	0.0	187/187 µg/L
Selenium	0/6	66.0	0.0	66.0/66.0 µg/L
Silica	0/1	1,350	—	1,350/1,350 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Silver	0/4	5.0	0.0	5.0/5.0 µg/L
Sodium	1/4	223	125	35.7/285 µg/L
Thallium	0/3	55.0	0.0	55.0/55.0 µg/L
Tin	0/9	70.0	0.0	70.0/70.0 µg/L
Vanadium	0/3	6.90	0.0	6.90/6.90 µg/L
Zinc	0/4	53.0	0.0	53.0/53.0 µg/L
EPA7470A				
Mercury	0/6	0.70	0.0	0.70/0.70 µg/L
EPA8021B				
Carbon tetrachloride	0/2	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/2	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/2	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/2	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/2	1.0	0.0	1.0/1.0 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	0.10	—	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	0/2	0.10	0.0	0.10/0.10 µg/L
Endrin aldehyde	0/1	0.10	—	0.10/0.10 µg/L
Endrin ketone	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
Lindane	0/1	0.05	—	0.05/0.05 µg/L
Methoxychlor	0/1	0.50	—	0.50/0.50 µg/L
Toxaphene	0/1	5.0	—	5.0/5.0 µg/L
EPA8082				
PCB 1016	0/1	1.0	—	1.0/1.0 µg/L
PCB 1221	0/1	2.0	—	2.0/2.0 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	0/2	1.0	0.0	1.0/1.0 µg/L
EPA8151A				
2,4-Dichlorophenoxyacetic acid	0/1	1.0	—	1.0/1.0 µg/L
2,4,5-TP (Silvex)	0/1	0.50	—	0.50/0.50 µg/L
EPA8260B				
Acetone	1/7	9.59	1.08	7.13/10.0 µg/L
Acetonitrile	0/2	20.0	0.0	20.0/20.0 µg/L
Acrolein	0/2	20.0	0.0	20.0/20.0 µg/L
Acrylonitrile	0/2	5.0	0.0	5.0/5.0 µg/L
Allyl chloride	0/2	10.0	0.0	10.0/10.0 µg/L
Benzene	0/18	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/18	5.0	0.0	5.0/5.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Bromoform	0/18	5.0	0.0	5.0/5.0 µg/L
Bromomethane	6/18	8.18	2.73	3.14/10.0 µg/L
Carbon disulfide	0/7	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/18	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/18	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/18	10.0	0.0	10.0/10.0 µg/L
Chloroethene	0/18	10.0	0.0	10.0/10.0 µg/L
2-Chloroethyl vinyl ether	0/11	10.0	0.0	10.0/10.0 µg/L
Chloroform	0/18	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/18	10.0	0.0	10.0/10.0 µg/L
Chloroprene	0/2	5.0	0.0	5.0/5.0 µg/L
Dibromochloromethane	0/18	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/2	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromoethane	0/2	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/2	5.0	0.0	5.0/5.0 µg/L
1,4-Dichlorobenzene	0/2	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/2	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/2	10.0	0.0	10.0/10.0 µg/L
1,1-Dichloroethane	0/18	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/18	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/18	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethylene	0/5	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/13	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	17/18	7.99	3.77	4.73/19.6 µg/L
1,2-Dichloropropane	0/18	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/18	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/18	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/18	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/7	10.0	0.0	10.0/10.0 µg/L
Iodomethane	0/2	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/2	100	0.0	100/100 µg/L
Methacrylonitrile	0/2	10.0	0.0	10.0/10.0 µg/L
Methyl ethyl ketone	1/7	8.93	2.82	2.53/10.0 µg/L
Methyl isobutyl ketone	0/7	10.0	0.0	10.0/10.0 µg/L
Propionitrile	0/2	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	0/2	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/18	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/18	5.0	0.0	5.0/5.0 µg/L
Toluene	0/18	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/18	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	0/18	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	1/18	4.79	0.90	1.20/5.0 µg/L
Trichlorofluoromethane	0/13	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/2	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	0/18	5.0	0.0	5.0/5.0 µg/L
EPA8270C				
Acenaphthene	0/2	10.0	0.0	10.0/10.0 µg/L
Acenaphthylene	0/2	10.0	0.0	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	0/2	10.0	0.0	10.0/10.0 µg/L
Aramite	0/1	20.0	—	20.0/20.0 µg/L
Benzo[a]anthracene	0/2	10.0	0.0	10.0/10.0 µg/L
Benzo[b]fluoranthene	0/2	10.0	0.0	10.0/10.0 µg/L
Benzo[k]fluoranthene	0/2	10.0	0.0	10.0/10.0 µg/L
Benzo[g,h,i]perylene	0/2	10.0	0.0	10.0/10.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Benzo[a]pyrene	0/2	10.0	0.0	10.0/10.0 µg/L
Benzyl alcohol	0/1	10.0	—	10.0/10.0 µg/L
Bis(2-chloroethoxy) methane	0/2	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroethyl) ether	0/2	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroisopropyl) ether	0/2	10.0	0.0	10.0/10.0 µg/L
Bis(2-ethylhexyl) phthalate	1/4	21.1	22.3	10.0/54.5 µg/L
4-Bromophenyl phenyl ether	0/2	10.0	0.0	10.0/10.0 µg/L
Butylbenzyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
Carbazole	0/1	10.0	—	10.0/10.0 µg/L
4-Chloroaniline	0/2	10.0	0.0	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	0/2	10.0	0.0	10.0/10.0 µg/L
2-Chlorophenol	0/1	10.0	—	10.0/10.0 µg/L
4-Chlorophenyl phenyl ether	0/2	10.0	0.0	10.0/10.0 µg/L
Chrysene	0/2	10.0	0.0	10.0/10.0 µg/L
o-Cresol	0/1	10.0	—	10.0/10.0 µg/L
p-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	0/2	10.0	0.0	10.0/10.0 µg/L
Dibenzofuran	0/2	10.0	0.0	10.0/10.0 µg/L
Di-n-butyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
1,2-Dichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
1,3-Dichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
1,4-Dichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
3,3'-Dichlorobenzidine	0/2	15.0	7.07	10.0/20.0 µg/L
2,4-Dichlorophenol	0/1	10.0	—	10.0/10.0 µg/L
Diethyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
2,4-Dimethyl phenol	0/1	10.0	—	10.0/10.0 µg/L
Dimethyl phthalate	0/2	10.0	0.0	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	10.0	—	10.0/10.0 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	25.0	—	25.0/25.0 µg/L
2,4-Dinitrotoluene	0/2	10.0	0.0	10.0/10.0 µg/L
2,6-Dinitrotoluene	0/2	10.0	0.0	10.0/10.0 µg/L
Di-n-octyl phthalate	0/2	10.0	0.0	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
Ethyl methacrylate	0/1	10.0	—	10.0/10.0 µg/L
Ethyl methanesulfonate	0/1	10.0	—	10.0/10.0 µg/L
Fluoranthene	0/2	10.0	0.0	10.0/10.0 µg/L
Fluorene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachlorobutadiene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachlorocyclopentadiene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachloroethane	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachlorophene	0/1	100	—	100/100 µg/L
Hexachloropropene	0/1	10.0	—	10.0/10.0 µg/L
Indeno[1,2,3-c,d]pyrene	0/2	10.0	0.0	10.0/10.0 µg/L
Isophorone	0/2	10.0	0.0	10.0/10.0 µg/L
Isosafrole	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	25.0	—	25.0/25.0 µg/L
Methyl methacrylate	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	0/2	10.0	0.0	10.0/10.0 µg/L
Naphthalene	0/2	10.0	0.0	10.0/10.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
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	0/2	25.0	0.0	25.0/25.0 µg/L
o-Nitroaniline	0/2	25.0	0.0	25.0/25.0 µg/L
p-Nitroaniline	0/2	25.0	0.0	25.0/25.0 µg/L
Nitrobenzene	0/2	10.0	0.0	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
4-Nitroquinoline-1-oxide	0/1	20.0	—	20.0/20.0 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	0/2	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodipropylamine	0/2	10.0	0.0	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	50.0	—	50.0/50.0 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
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	50.0	—	50.0/50.0 µg/L
Pentachlorophenol	0/1	25.0	—	25.0/25.0 µg/L
Phenacetin	0/1	10.0	—	10.0/10.0 µg/L
Phenanthrene	0/2	10.0	0.0	10.0/10.0 µg/L
Phenol	0/1	10.0	—	10.0/10.0 µg/L
p-Phenylenediamine	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	0/2	10.0	0.0	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
1,2,4,5-Tetrachlorobenzene	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	0/2	10.0	0.0	10.0/10.0 µg/L
2,4,5-Trichlorophenol	0/1	25.0	—	25.0/25.0 µg/L
2,4,6-Trichlorophenol	0/1	10.0	—	10.0/10.0 µg/L
1,3,5-Trinitrobenzene	0/1	10.0	—	10.0/10.0 µg/L
EPA8280A				
Octachlorodibenzo-p-dioxin	0/1	1.60	—	1.60/1.60 ng/L
2,3,7,8-TCDD	0/1	1.20	—	1.20/1.20 ng/L
EPA9014				
Cyanide	0/7	20.2	13.2	15.2/50.0 µg/L
EPA9020B				
Total organic halogens	0/13	120	0.0	120/120 µg/L
EPA9050A				
Specific conductance	0/4	8.90	0.0	8.90/8.90 µS/cm
EPA9056				
Chloride	0/1	210	—	210/210 µg/L
Sulfate	6/12	295	47.5	249/340 µg/L
EPA9060				
Total organic carbon	2/13	872	313	167/1,000 µg/L
EPA9066				

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
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 method blanks for the analyte.

— Standard deviation cannot be determined.

Note: A value of 0 is reported as 0.0.

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

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA6010B				
Aluminum	0/8	40.0	0.0	40.0/40.0 µg/L
Antimony	0/8	20.0	0.0	20.0/20.0 µg/L
Arsenic	0/8	20.0	0.0	20.0/20.0 µg/L
Barium	0/8	15.0	0.0	15.0/15.0 µg/L
Beryllium	0/8	5.0	0.0	5.0/5.0 µg/L
Cadmium	0/8	25.0	0.0	25.0/25.0 µg/L
Calcium	1/8	112	22.9	55.2/120 µg/L
Chromium	0/8	30.0	0.0	30.0/30.0 µg/L
Cobalt	0/8	20.0	0.0	20.0/20.0 µg/L
Copper	0/8	60.0	0.0	60.0/60.0 µg/L
Iron	2/7	31.1	15.3	8.18/40.0 µg/L
Lead	1/8	18.1	5.35	4.87/20.0 µg/L
Magnesium	0/8	185	0.0	185/185 µg/L
Manganese	0/8	10.0	0.0	10.0/10.0 µg/L
Nickel	0/8	60.0	0.0	60.0/60.0 µg/L
Potassium	0/8	1,870	0.0	1,870/1,870 µg/L
Selenium	0/8	40.0	0.0	40.0/40.0 µg/L
Silver	0/8	50.0	0.0	50.0/50.0 µg/L
Sodium	0/8	675	0.0	675/675 µg/L
Thallium	4/7	12.6	7.08	4.87/20.0 µg/L
Vanadium	0/8	30.0	0.0	30.0/30.0 µg/L
Zinc	2/8	24.3	10.6	6.02/30.0 µg/L
EPA7470A				
Mercury	0/11	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

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Heptachlor	0/1	0.05	—	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	0/34	10.0	0.0	10.0/10.0 µg/L
Benzene	0/34	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/34	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/34	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/34	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/34	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/34	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/34	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/34	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/34	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/34	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/34	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/34	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/34	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/34	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/34	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/27	1.0	0.0	1.0/1.0 µg/L
cis-1,2-Dichloroethylene	0/18	1.0	0.0	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/18	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	5/34	9.09	2.26	2.35/10.0 µg/L
1,2-Dichloropropane	0/34	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/34	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	1/34	0.99	0.07	0.57/1.0 µg/L
Ethylbenzene	0/34	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/34	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	0/34	5.0	0.0	5.0/5.0 µg/L
Methyl isobutyl ketone	0/34	5.0	0.0	5.0/5.0 µg/L
Styrene	0/34	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/34	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/34	1.0	0.0	1.0/1.0 µg/L
Toluene	0/34	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/34	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/34	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/34	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/34	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/34	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
Benzo[g,h,i]perylene	0/1	2.0	—	2.0/2.0 µg/L

Quality Control Samples

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Benzo[a]pyrene	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
Carbazole	0/1	10.0	—	10.0/10.0 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
m/p-Cresol	0/1	5.0	—	5.0/5.0 µg/L
o-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
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	0/6	20.0	0.0	20.0/20.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPIA-001				
Gross alpha	0/19	3.48E-10	1.81E-09	-2.15E-09/6.14E-09 µCi/mL
Nonvolatile beta	1/19	7.38E-10	2.34E-09	-1.25E-09/8.77E-09 µCi/mL
EPIA-002				
Tritium	2/28	1.60E-07	3.93E-07	-6.36E-07/1.54E-06 µCi/mL
EPIA-013				
Actinium-228	0/1	1.60E-08	—	1.60E-08/1.60E-08 µCi/mL
Antimony-125	0/1	-5.04E-09	—	-5.04E-09/-5.04E-09 µCi/mL
Bismuth-212	0/1	6.91E-08	—	6.91E-08/6.91E-08 µCi/mL
Bismuth-214	0/1	4.71E-09	—	4.71E-09/4.71E-09 µCi/mL
Cesium-134	0/1	5.38E-09	—	5.38E-09/5.38E-09 µCi/mL
Cesium-137	0/1	1.18E-08	—	1.18E-08/1.18E-08 µCi/mL
Cobalt-60	0/1	3.88E-10	—	3.88E-10/3.88E-10 µCi/mL
Europium-152	0/1	-6.45E-09	—	-6.45E-09/-6.45E-09 µCi/mL
Europium-154	0/1	-8.41E-09	—	-8.41E-09/-8.41E-09 µCi/mL
Europium-155	0/1	-2.95E-08	—	-2.95E-08/-2.95E-08 µCi/mL
Lead-212	0/1	2.34E-08	—	2.34E-08/2.34E-08 µCi/mL
Potassium-40	0/1	-3.13E-08	—	-3.13E-08/-3.13E-08 µCi/mL
Promethium-146	0/1	1.27E-08	—	1.27E-08/1.27E-08 µCi/mL
Thallium-208	0/1	-5.96E-09	—	-5.96E-09/-5.96E-09 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: A value of 0 is reported as 0.0.

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

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPIA-001				
Gross alpha	3/42	3.42E-10	1.79E-09	-3.06E-10/1.15E-08 µCi/mL
Nonvolatile beta	0/38	-7.48E-10	5.33E-09	-3.27E-08/6.12E-10 µCi/mL
EPIA-002				
Tritium	1/25	1.18E-07	3.07E-07	-5.54E-07/1.29E-06 µCi/mL
EPIA-003				
Carbon-14	2/14	8.64E-09	6.84E-09	1.37E-09/2.17E-08 µCi/mL
EPIA-004				
Strontium-89/90	0/5	3.08E-10	9.59E-10	-9.62E-10/1.66E-09 µCi/mL
Strontium-90	0/15	1.04E-10	3.80E-10	-3.64E-10/1.29E-09 µCi/mL
EPIA-005				
Technetium-99	0/12	-2.17E-09	8.23E-09	-2.15E-08/8.49E-09 µCi/mL
EPIA-006				

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Iodine-129	0/12	2.08E-10	3.20E-10	-4.16E-10/7.15E-10 µCi/mL
EPIA-007				
Radon-222	0/2	3.20E-09	1.13E-09	2.40E-09/4.00E-09 µCi/mL
EPIA-008				
Radium-226	1/23	3.17E-10	1.99E-10	6.24E-11/6.43E-10 µCi/mL
EPIA-009				
Radium-228	1/21	3.49E-10	3.28E-10	-1.56E-10/1.37E-09 µCi/mL
EPIA-011				
Americium-241	2/9	2.77E-11	1.14E-10	-8.77E-11/3.09E-10 µCi/mL
Curium-242	0/9	-3.43E-11	7.70E-11	-2.16E-10/1.76E-11 µCi/mL
Curium-243/244	2/9	1.15E-10	1.25E-10	0.0/3.02E-10 µCi/mL
Curium-245/246	2/9	1.61E-10	2.21E-10	-3.91E-12/5.96E-10 µCi/mL
Plutonium-238	0/7	2.29E-11	1.52E-10	-2.10E-10/3.08E-10 µCi/mL
Plutonium-239/240	0/7	1.88E-11	6.15E-11	-2.14E-11/1.56E-10 µCi/mL
Plutonium-244	0/1	1.37E-11	—	1.37E-11/1.37E-11 µCi/mL
Uranium-233/234	1/11	3.77E-11	1.02E-10	-2.69E-11/3.30E-10 µCi/mL
Uranium-235	0/11	1.14E-11	2.63E-11	-1.62E-11/8.28E-11 µCi/mL
Uranium-238	0/11	2.38E-12	1.12E-11	-1.69E-11/2.70E-11 µCi/mL
EPIA-012				
Thorium-228	0/10	1.61E-11	8.59E-11	-7.49E-11/2.49E-10 µCi/mL
Thorium-230	5/10	1.44E-10	2.65E-10	1.56E-11/8.73E-10 µCi/mL
Thorium-232	0/10	0.0	5.73E-11	-1.43E-10/7.05E-11 µCi/mL
EPIA-013				
Actinium-228	0/14	6.32E-09	3.07E-09	2.36E-09/1.28E-08 µCi/mL
Antimony-125	0/14	-3.27E-10	2.21E-09	-4.18E-09/2.87E-09 µCi/mL
Bismuth-212	0/2	7.93E-09	1.17E-08	-3.47E-10/1.62E-08 µCi/mL
Bismuth-214	0/2	4.33E-09	1.24E-09	3.45E-09/5.21E-09 µCi/mL
Cerium-144	0/12	-1.12E-09	6.51E-09	-1.09E-08/1.24E-08 µCi/mL
Cesium-134	0/14	1.65E-10	6.90E-10	-5.14E-10/1.59E-09 µCi/mL
Cesium-137	0/14	4.27E-11	1.10E-09	-2.19E-09/2.66E-09 µCi/mL
Cobalt-57	0/12	1.91E-10	6.96E-10	-8.37E-10/1.24E-09 µCi/mL
Cobalt-60	0/14	0.0	9.04E-10	-1.11E-09/2.29E-09 µCi/mL
CS136	0/5	-1.94E-09	1.37E-09	-4.03E-09/-2.41E-10 µCi/mL
Europium-152	0/14	6.51E-10	2.25E-09	-3.86E-09/5.61E-09 µCi/mL
Europium-154	0/14	1.15E-09	3.09E-09	-4.28E-09/6.47E-09 µCi/mL
Europium-155	0/14	-7.94E-10	3.70E-09	-5.76E-09/5.55E-09 µCi/mL
Lead-212	0/14	2.09E-09	2.10E-09	-3.28E-10/6.25E-09 µCi/mL
Manganese-54	0/12	-1.96E-10	1.31E-09	-2.30E-09/2.35E-09 µCi/mL
Potassium-40	0/14	2.48E-08	9.40E-09	9.06E-09/4.47E-08 µCi/mL
Promethium-144	0/12	1.85E-11	9.03E-10	-1.06E-09/2.22E-09 µCi/mL
Promethium-146	0/14	3.03E-10	8.47E-10	-1.07E-09/2.28E-09 µCi/mL
Ruthenium-106	0/12	-1.69E-09	4.96E-09	-8.52E-09/7.42E-09 µCi/mL
Sodium-22	0/12	5.25E-10	1.02E-09	-1.52E-09/2.30E-09 µCi/mL
Thallium-208	0/2	1.91E-09	2.01E-09	4.85E-10/3.33E-09 µCi/mL
Yttrium-88	0/12	5.71E-10	1.25E-09	-1.06E-09/2.90E-09 µCi/mL
Zinc-65	1/12	1.94E-09	7.44E-09	-2.65E-09/2.49E-08 µCi/mL
EPIA-022				
Nickel-59	0/1	1.08E-08	—	1.08E-08/1.08E-08 µCi/mL
Nickel-63	0/5	8.63E-09	9.35E-09	9.94E-10/2.48E-08 µCi/mL

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPIA-032 Neptunium-237	0/2	-1.06E-11	8.58E-12	-1.67E-11/-4.57E-12 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: A value of 0 is reported as 0.0.

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

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
ASTM3500MOD Nickel-63	0/1	-4.05E-09	—	-4.05E-09/-4.05E-09 µCi/mL
ASTMD5174M Uranium	0/1	0.0	—	0.0/0.0 µg/L
EICHROMTC1MOD Technetium-99	0/2	1.83E-09	2.50E-09	6.00E-11/3.60E-09 µCi/mL
EMLSR02MOD Strontium-90	0/7	-1.59E-10	1.89E-10	-4.80E-10/0.0 µCi/mL
EPA900.0MOD Gross alpha	0/19	-6.11E-11	1.51E-10	-3.00E-10/1.90E-10 µCi/mL
Nonvolatile beta	0/14	-2.37E-10	2.55E-10	-6.30E-10/2.30E-10 µCi/mL
EPA901.1MOD Cesium-137	0/3	3.37E-10	1.12E-09	-7.40E-10/1.50E-09 µCi/mL
Cobalt-60	0/3	-1.02E-09	4.52E-09	-6.00E-09/2.82E-09 µCi/mL
EPA902.0MOD Iodine-129	1/2	5.86E-09	5.29E-09	2.12E-09/9.60E-09 µCi/mL
EPA903.0MOD Radium, total alpha-emitting	0/2	1.20E-10	2.83E-10	-8.00E-11/3.20E-10 µCi/mL
EPA904.0MOD Radium-228	0/8	-5.38E-11	4.00E-10	-6.30E-10/5.00E-10 µCi/mL
EPA906.0MOD Tritium	1/25	1.96E-08	3.13E-07	-4.00E-07/1.23E-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: A value of 0 is reported as 0.0.

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 GE

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA300.0				
Nitrate as nitrogen	0/2	50.0	0.0	50.0/50.0 µg/L
EPA353.1				
Nitrate-nitrite as nitrogen	12/15	48.7	58.5	10.0/250 µg/L
EPA365.4				
Total phosphates (as P)	0/2	35.0	21.2	20.0/50.0 µg/L
EPA418.1				
Total petroleum hydrocarbons	0/2	2,110	35.4	2,080/2,130 µg/L
EPA6010B				
Aluminum	2/10	60.0	34.1	43.1/157 µg/L
Antimony	0/4	10.0	0.0	10.0/10.0 µg/L
Arsenic	0/4	5.0	0.0	5.0/5.0 µg/L
Barium	0/4	5.0	0.0	5.0/5.0 µg/L
Beryllium	0/4	5.0	0.0	5.0/5.0 µg/L
Cadmium	0/4	5.0	0.0	5.0/5.0 µg/L
Calcium	1/4	90.5	19.1	61.9/100 µg/L
Chromium	0/5	5.0	0.0	5.0/5.0 µg/L
Cobalt	0/4	3.93	2.14	0.73/5.0 µg/L
Copper	1/4	38.3	66.5	5.0/138 µg/L
Iron	0/10	50.0	0.0	50.0/50.0 µg/L
Lead	0/4	5.0	0.0	5.0/5.0 µg/L
Magnesium	0/4	17.7	4.70	10.6/20.0 µg/L
Manganese	0/4	10.0	0.0	10.0/10.0 µg/L
Nickel	1/4	38.0	66.0	5.0/137 µg/L
Potassium	1/3	76.7	40.4	30.0/100 µg/L
Selenium	0/4	5.0	0.0	5.0/5.0 µg/L
Silica	0/1	184	—	184/184 µg/L
Silicon	0/1	85.9	—	85.9/85.9 µg/L
Silver	0/4	4.02	1.97	1.07/5.0 µg/L
Sodium	0/4	65.8	40.1	22.9/100 µg/L
Thallium	0/3	10.0	0.0	10.0/10.0 µg/L
Uranium	0/1	50.0	—	50.0/50.0 µg/L
Vanadium	1/4	3.99	2.02	0.97/5.0 µg/L
Zinc	0/4	5.0	0.0	5.0/5.0 µg/L
EPA6020				
Beryllium	0/6	0.20	0.0	0.20/0.20 µg/L
Cadmium	0/5	0.57	0.24	0.44/1.0 µg/L
Lead	0/5	0.81	0.68	0.43/2.0 µg/L
Thallium	0/1	0.50	—	0.50/0.50 µg/L
EPA7196A				
Chromium, hexavalent	0/1	10.0	—	10.0/10.0 µg/L
EPA7470A				
Mercury	0/11	0.20	0.0	0.20/0.20 µg/L
EPA8081A				
Aldrin	0/2	0.03	0.01	0.02/0.04 µg/L
alpha-Benzene hexachloride	0/2	0.02	0.00	0.02/0.02 µg/L
beta-Benzene hexachloride	0/2	0.02	0.00	0.02/0.02 µg/L
delta-Benzene hexachloride	0/2	0.02	0.00	0.02/0.02 µg/L
alpha-Chlordane	0/2	0.02	0.00	0.02/0.02 µg/L
gamma-Chlordane	0/2	0.02	0.00	0.02/0.02 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
p,p'-DDD	0/2	0.04	0.00	0.04/0.04 µg/L
p,p'-DDE	0/2	0.04	0.00	0.04/0.04 µg/L
p,p'-DDT	0/2	0.04	0.00	0.04/0.04 µg/L
Dieldrin	0/2	0.04	0.00	0.04/0.04 µg/L
Endosulfan sulfate	0/2	0.04	0.00	0.04/0.04 µg/L
Endosulfan I	0/2	0.02	0.00	0.02/0.02 µg/L
Endosulfan II	0/2	0.04	0.00	0.04/0.04 µg/L
Endrin	0/2	0.04	0.00	0.04/0.04 µg/L
Endrin ketone	0/2	0.04	0.00	0.04/0.04 µg/L
Heptachlor	0/2	0.02	0.00	0.02/0.02 µg/L
Heptachlor epoxide	0/2	0.02	0.00	0.02/0.02 µg/L
Lindane	0/2	0.02	0.00	0.02/0.02 µg/L
Methoxychlor	0/2	0.20	0.00	0.19/0.20 µg/L
Toxaphene	0/2	0.99	0.02	0.97/1.0 µg/L
EPA8082				
PCB 1016	0/3	0.10	0.00	0.10/0.10 µg/L
PCB 1221	0/3	0.10	0.00	0.10/0.10 µg/L
PCB 1232	0/3	0.10	0.00	0.10/0.10 µg/L
PCB 1242	0/3	0.10	0.00	0.10/0.10 µg/L
PCB 1248	0/3	0.10	0.00	0.10/0.10 µg/L
PCB 1254	0/3	0.10	0.00	0.10/0.10 µg/L
PCB 1260	0/3	0.10	0.00	0.10/0.10 µg/L
EPA8151A				
2,4-Dichlorophenoxyacetic acid	0/2	0.35	0.21	0.20/0.50 µg/L
2,4,5-TP (Silvex)	0/2	0.35	0.21	0.20/0.50 µg/L
EPA8270C				
Acenaphthene	0/2	1.0	0.0	1.0/1.0 µg/L
Acenaphthylene	0/2	1.0	0.0	1.0/1.0 µg/L
Anthracene	0/2	1.0	0.0	1.0/1.0 µg/L
Benzo[a]anthracene	0/2	1.0	0.0	1.0/1.0 µg/L
Benzo[b]fluoranthene	0/2	1.0	0.0	1.0/1.0 µg/L
Benzo[k]fluoranthene	0/2	1.0	0.0	1.0/1.0 µg/L
Benzo[g,h,i]perylene	0/2	1.0	0.0	1.0/1.0 µg/L
Benzo[a]pyrene	0/2	1.0	0.0	1.0/1.0 µg/L
Bis(2-chloroethoxy) methane	0/2	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroethyl) ether	0/2	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroisopropyl) ether	0/2	10.0	0.0	10.0/10.0 µg/L
Bis(2-ethylhexyl) phthalate	4/4	17.8	11.1	6.0/32.2 µg/L
4-Bromophenyl phenyl ether	0/2	10.0	0.0	10.0/10.0 µg/L
Butylbenzyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
Carbazole	0/2	5.50	6.36	1.0/10.0 µg/L
4-Chloroaniline	0/2	10.0	0.0	10.0/10.0 µg/L
4-Chloro-m-cresol	0/2	10.0	0.0	10.0/10.0 µg/L
2-Chloronaphthalene	0/2	5.50	6.36	1.0/10.0 µg/L
2-Chlorophenol	0/2	10.0	0.0	10.0/10.0 µg/L
4-Chlorophenyl phenyl ether	0/2	10.0	0.0	10.0/10.0 µg/L
Chrysene	0/2	1.0	0.0	1.0/1.0 µg/L
m/p-Cresol	0/2	10.0	0.0	10.0/10.0 µg/L
o-Cresol	0/2	10.0	0.0	10.0/10.0 µg/L
Dibenz[a,h]anthracene	0/2	1.0	0.0	1.0/1.0 µg/L
Dibenzofuran	0/2	10.0	0.0	10.0/10.0 µg/L
Di-n-butyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
1,2-Dichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
1,3-Dichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
1,4-Dichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
3,3'-Dichlorobenzidine	0/2	10.0	0.0	10.0/10.0 µg/L
2,4-Dichlorophenol	0/2	10.0	0.0	10.0/10.0 µg/L
Diethyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
2,4-Dimethyl phenol	0/2	10.0	0.0	10.0/10.0 µg/L
Dimethyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
2,4-Dinitrophenol	0/2	20.0	0.0	20.0/20.0 µg/L
2,4-Dinitrotoluene	0/2	10.0	0.0	10.0/10.0 µg/L
2,6-Dinitrotoluene	0/2	10.0	0.0	10.0/10.0 µg/L
Di-n-octyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
Diphenylamine	0/2	10.0	0.0	10.0/10.0 µg/L
Fluoranthene	0/2	1.0	0.0	1.0/1.0 µg/L
Fluorene	0/2	1.0	0.0	1.0/1.0 µg/L
Hexachlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachlorobutadiene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachlorocyclopentadiene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachloroethane	0/2	10.0	0.0	10.0/10.0 µg/L
Indeno[1,2,3-c,d]pyrene	0/2	1.0	0.0	1.0/1.0 µg/L
Isophorone	0/2	10.0	0.0	10.0/10.0 µg/L
2-Methyl-4,6-dinitrophenol	0/2	10.0	0.0	10.0/10.0 µg/L
2-Methylnaphthalene	0/2	1.0	0.0	1.0/1.0 µg/L
Naphthalene	0/2	5.50	6.36	1.0/10.0 µg/L
m-Nitroaniline	0/2	10.0	0.0	10.0/10.0 µg/L
o-Nitroaniline	0/2	10.0	0.0	10.0/10.0 µg/L
p-Nitroaniline	0/2	10.0	0.0	10.0/10.0 µg/L
Nitrobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
2-Nitrophenol	0/2	10.0	0.0	10.0/10.0 µg/L
4-Nitrophenol	0/2	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodipropylamine	0/2	10.0	0.0	10.0/10.0 µg/L
Pentachlorophenol	0/2	10.0	0.0	10.0/10.0 µg/L
Phenanthrene	0/2	1.0	0.0	1.0/1.0 µg/L
Phenol	0/2	10.0	0.0	10.0/10.0 µg/L
Pyrene	0/2	1.0	0.0	1.0/1.0 µg/L
1,2,4-Trichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
2,4,5-Trichlorophenol	0/2	10.0	0.0	10.0/10.0 µg/L
2,4,6-Trichlorophenol	0/2	10.0	0.0	10.0/10.0 µg/L
EPA9012A				
Cyanide	0/4	5.0	0.0	5.0/5.0 µg/L
EPA9040B				
pH	14/14	5.41	0.33	4.78/5.84 pH
EPA9050A				
Specific conductance	13/13	13.2	37.8	1.50/139 µS/cm
EPA9056				
Chloride	0/2	100	0.0	100/100 µg/L
Fluoride	0/1	50.0	—	50.0/50.0 µg/L
Sulfate	0/2	200	0.0	200/200 µg/L
EPA9066				
Phenols	0/2	5.0	0.0	5.0/5.0 µg/L

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

— Standard deviation cannot be determined.

Notes: A value of 0 is reported as 0.0.

Numbers less than 0.004 are reported as 0.00.

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

Quality Control Samples

Table 73. Analytes Detected in Field Blanks for WA

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA160.1				
Total dissolved solids	2/4	31,000	22,300	7,000/50,000 µg/L
EPA310.1				
Alkalinity (as CaCO ₃)	2/4	11.7	9.52	3.50/24.8 meq/L
EPA353.2				
Nitrate-nitrite as nitrogen	1/3	19.7	0.58	19.0/20.0 µg/L
EPA6010B				
Aluminum	0/4	146	0.0	146/146 µg/L
Antimony	0/1	27.0	—	27.0/27.0 µg/L
Arsenic	0/2	40.0	0.0	40.0/40.0 µg/L
Barium	0/1	1.80	—	1.80/1.80 µg/L
Boron	0/3	266	0.0	266/266 µg/L
Cadmium	0/1	4.70	—	4.70/4.70 µg/L
Chromium	0/2	7.0	0.0	7.0/7.0 µg/L
Copper	0/1	15.0	—	15.0/15.0 µg/L
Iron	0/4	74.0	0.0	74.0/74.0 µg/L
Lead	0/1	47.0	—	47.0/47.0 µg/L
Lithium	1/3	1.95	1.29	0.46/2.70 µg/L
Manganese	0/1	7.80	—	7.80/7.80 µg/L
Nickel	0/1	26.0	—	26.0/26.0 µg/L
Selenium	0/1	66.0	—	66.0/66.0 µg/L
Silver	0/1	5.0	—	5.0/5.0 µg/L
Tin	0/3	70.0	0.0	70.0/70.0 µg/L
Zinc	0/1	53.0	—	53.0/53.0 µg/L
EPA7470A				
Mercury	0/1	0.70	—	0.70/0.70 µg/L
EPA8081A				
Endrin	0/2	0.15	0.07	0.10/0.20 µg/L
EPA8082				
PCB 1260	0/2	1.51	0.69	1.02/2.0 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
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	20.0	—	20.0/20.0 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	1/1	11.6	—	11.6/11.6 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

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
4-Chloroaniline	0/1	10.0	—	10.0/10.0 µg/L
Chlorobenzilate	0/1	10.0	—	10.0/10.0 µg/L
2-Chloronaphthalene	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
Diallate	0/1	10.0	—	10.0/10.0 µg/L
Dibenz[<i>a,h</i>]anthracene	0/1	10.0	—	10.0/10.0 µg/L
Dibenzofuran	0/1	10.0	—	10.0/10.0 µg/L
Di- <i>n</i> -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	10.0	—	10.0/10.0 µg/L
Diethyl phthalate	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[<i>a</i>]anthracene	0/1	10.0	—	10.0/10.0 µg/L
3,3'-Dimethylbenzidine	0/1	10.0	—	10.0/10.0 µg/L
<i>a,a</i> -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-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- <i>n</i> -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
Ethyl methacrylate	0/1	10.0	—	10.0/10.0 µg/L
Ethyl methanesulfonate	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	100	—	100/100 µg/L
Hexachloropropene	0/1	10.0	—	10.0/10.0 µg/L
Indeno[1,2,3- <i>c,d</i>]pyrene	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
Methapyrilene	0/1	10.0	—	10.0/10.0 µg/L
Methyl methacrylate	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
<i>m</i> -Nitroaniline	0/1	25.0	—	25.0/25.0 µg/L
<i>o</i> -Nitroaniline	0/1	25.0	—	25.0/25.0 µg/L
<i>p</i> -Nitroaniline	0/1	25.0	—	25.0/25.0 µg/L
Nitrobenzene	0/1	10.0	—	10.0/10.0 µg/L
4-Nitroquinoline-1-oxide	0/1	20.0	—	20.0/20.0 µg/L
<i>N</i> -Nitrosodi- <i>n</i> -butylamine	0/1	10.0	—	10.0/10.0 µg/L
<i>N</i> -Nitrosodiethylamine	0/1	10.0	—	10.0/10.0 µg/L
<i>N</i> -Nitrosodimethylamine	0/1	10.0	—	10.0/10.0 µg/L
<i>N</i> -Nitrosodiphenylamine	0/1	10.0	—	10.0/10.0 µg/L
<i>N</i> -Nitrosodipropylamine	0/1	10.0	—	10.0/10.0 µg/L
<i>N</i> -Nitrosomethylethylamine	0/1	10.0	—	10.0/10.0 µg/L
<i>N</i> -Nitrosomorpholine	0/1	10.0	—	10.0/10.0 µg/L
<i>N</i> -Nitrosopiperidine	0/1	50.0	—	50.0/50.0 µg/L
<i>N</i> -Nitrosopyrrolidine	0/1	10.0	—	10.0/10.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
5-Nitro-o-toluidine	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	50.0	—	50.0/50.0 µg/L
Phenacetin	0/1	10.0	—	10.0/10.0 µg/L
Phenanthrene	0/1	10.0	—	10.0/10.0 µg/L
p-Phenylenediamine	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
1,2,4,5-Tetrachlorobenzene	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
1,3,5-Trinitrobenzene	0/1	10.0	—	10.0/10.0 µg/L
EPA8280A				
Octachlorodibenzo-p-dioxin	0/1	1.60	—	1.60/1.60 ng/L
EPA9014				
Cyanide	0/1	15.2	—	15.2/15.2 µg/L
EPA9020B				
Total organic halogens	0/3	120	0.0	120/120 µg/L
EPA9056				
Sulfate	2/3	154	14.8	138/167 µg/L
EPA9060				
Total organic carbon	3/3	195	22.8	169/209 µg/L
EPA9066				
Phenols	0/3	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: A value of 0 is reported as 0.0.

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 74. Analytes Detected in Field Blanks for ML

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA6010B				
Aluminum	1/4	34.2	11.6	16.8/40.0 µg/L
Antimony	1/4	8.80	7.50	4.06/20.0 µg/L
Arsenic	0/4	20.0	0.0	20.0/20.0 µg/L
Barium	0/4	15.0	0.0	15.0/15.0 µg/L
Beryllium	0/4	5.0	0.0	5.0/5.0 µg/L
Cadmium	0/4	25.0	0.0	25.0/25.0 µg/L
Calcium	2/4	93.9	30.3	65.0/120 µg/L
Chromium	0/4	30.0	0.0	30.0/30.0 µg/L
Cobalt	0/4	20.0	0.0	20.0/20.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Copper	1/4	60.0	0.0	60.0/60.0 µg/L
Iron	3/4	63.2	70.6	8.57/167 µg/L
Lead	0/4	17.1	5.83	8.35/20.0 µg/L
Magnesium	0/4	185	0.0	185/185 µg/L
Manganese	2/4	10.1	6.52	2.12/18.1 µg/L
Nickel	0/4	60.0	0.0	60.0/60.0 µg/L
Potassium	0/4	1,870	0.0	1,870/1,870 µg/L
Selenium	0/4	40.0	0.0	40.0/40.0 µg/L
Silver	0/4	4.02	1.97	1.07/5.0 µg/L
Sodium	0/4	675	0.0	675/675 µg/L
Thallium	0/4	20.0	0.0	20.0/20.0 µg/L
Vanadium	0/4	30.0	0.0	30.0/30.0 µg/L
Zinc	1/4	24.3	11.5	7.09/30.0 µg/L
EPA7470A				
Mercury	0/4	0.20	0.0	0.20/0.20 µg/L
EPA9012A				
Cyanide	0/2	20.0	0.0	20.0/20.0 µg/L
EPIA-001				
Gross alpha	0/13	3.08E-10	7.90E-10	-5.07E-10/2.80E-09 µCi/mL
Nonvolatile beta	0/13	-3.73E-11	5.61E-10	-1.51E-09/5.68E-10 µCi/mL
EPIA-002				
Tritium	6/16	1.73E-04	5.85E-04	-1.74E-07/2.33E-03 µCi/mL

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

— Standard deviation cannot be determined.

Notes: A value of 0 is reported as 0.0.

Numbers less than 0.004 are reported as 0.00.

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

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPIA-001				
Gross alpha	0/17	6.32E-12	2.56E-10	-3.57E-10/6.10E-10 µCi/mL
Nonvolatile beta	0/13	2.23E-10	4.27E-10	-3.87E-10/1.06E-09 µCi/mL
EPIA-002				
Tritium	0/9	-1.37E-07	1.72E-07	-3.69E-07/1.89E-07 µCi/mL
EPIA-003				
Carbon-14	0/4	2.56E-09	3.48E-09	-3.08E-10/7.60E-09 µCi/mL
EPIA-004				
Strontium-90	0/8	-1.32E-10	2.21E-10	-5.43E-10/1.08E-10 µCi/mL
EPIA-005				
Technetium-99	0/2	-2.48E-09	1.64E-09	-3.64E-09/-1.32E-09 µCi/mL

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPIA-006 Iodine-129	0/3	-4.68E-10	1.11E-09	-1.75E-09/1.94E-10 µCi/mL
EPIA-008 Radium-226	3/9	5.69E-10	2.48E-10	1.65E-10/9.99E-10 µCi/mL
EPIA-009 Radium-228	0/12	1.56E-10	2.61E-10	-4.51E-10/4.87E-10 µCi/mL
EPIA-010 Radium, total alpha-emitting	0/1	-3.30E-11	—	-3.30E-11/-3.30E-11 µCi/mL
EPIA-011 Americium-241	0/4	1.90E-10	2.23E-10	-2.71E-11/4.34E-10 µCi/mL
Curium-242	0/4	-3.63E-11	5.04E-11	-9.20E-11/1.22E-11 µCi/mL
Curium-243/244	0/4	-4.65E-11	9.10E-11	-1.31E-10/3.81E-11 µCi/mL
Curium-245/246	0/4	1.28E-10	2.01E-10	0.0/4.23E-10 µCi/mL
Plutonium-238	0/2	1.17E-10	7.16E-11	6.67E-11/1.68E-10 µCi/mL
Plutonium-239/240	0/2	-2.56E-11	3.40E-11	-4.96E-11/-1.52E-12 µCi/mL
Uranium-233/234	0/6	5.88E-11	1.00E-10	-1.86E-11/2.28E-10 µCi/mL
Uranium-235	0/6	4.65E-11	7.02E-11	0.0/1.80E-10 µCi/mL
Uranium-238	0/6	2.24E-11	7.74E-11	-2.73E-11/1.79E-10 µCi/mL
EPIA-012 Thorium-228	0/4	-5.83E-11	9.85E-11	-2.03E-10/3.91E-12 µCi/mL
Thorium-230	0/4	8.61E-11	1.15E-10	2.41E-11/2.59E-10 µCi/mL
Thorium-232	0/4	-2.91E-11	2.93E-11	-6.98E-11/0.0 µCi/mL
EPIA-013 Actinium-228	0/4	5.85E-09	1.92E-09	3.53E-09/7.79E-09 µCi/mL
Antimony-125	0/4	-2.74E-10	1.45E-09	-1.16E-09/1.89E-09 µCi/mL
Bismuth-212	0/1	8.03E-09	—	8.03E-09/8.03E-09 µCi/mL
Bismuth-214	0/1	4.95E-09	—	4.95E-09/4.95E-09 µCi/mL
Cerium-144	0/3	-1.81E-09	5.46E-09	-6.98E-09/3.90E-09 µCi/mL
Cesium-134	0/4	-8.63E-12	2.98E-10	-3.80E-10/3.06E-10 µCi/mL
Cesium-137	1/4	5.10E-09	7.96E-09	-5.93E-10/1.69E-08 µCi/mL
Cobalt-57	0/3	3.98E-10	5.95E-10	-6.23E-11/1.07E-09 µCi/mL
Cobalt-60	0/4	6.33E-10	2.85E-10	3.53E-10/9.93E-10 µCi/mL
Cesium-136	0/1	-1.39E-09	—	-1.39E-09/-1.39E-09 µCi/mL
Europium-152	0/4	-3.03E-09	1.81E-09	-4.68E-09/-1.29E-09 µCi/mL
Europium-154	0/4	-1.71E-10	1.52E-09	-2.23E-09/1.32E-09 µCi/mL
Europium-155	1/4	2.51E-09	5.23E-09	-2.13E-09/8.73E-09 µCi/mL
Lead-212	2/4	3.87E-09	2.96E-09	3.50E-10/6.53E-09 µCi/mL
Manganese-54	0/3	-4.53E-10	4.68E-10	-8.87E-10/4.32E-11 µCi/mL
Potassium-40	1/4	2.04E-08	1.36E-08	6.77E-09/3.81E-08 µCi/mL
Promethium-144	0/3	1.82E-11	6.39E-10	-5.56E-10/7.06E-10 µCi/mL
Promethium-146	0/4	-8.48E-11	7.38E-10	-6.82E-10/8.83E-10 µCi/mL
Ruthenium-106	0/3	5.63E-09	5.97E-09	-1.23E-09/9.69E-09 µCi/mL
Sodium-22	0/3	-1.43E-10	6.37E-10	-8.10E-10/4.59E-10 µCi/mL
Thallium-208	0/1	-4.66E-10	—	-4.66E-10/-4.66E-10 µCi/mL
Yttrium-88	0/3	-1.90E-10	3.66E-10	-5.34E-10/1.95E-10 µCi/mL
Zinc-65	0/3	-5.28E-10	6.84E-10	-1.31E-09/-3.75E-11 µCi/mL

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPIA-022				
Nickel-63	0/3	-1.00E-08	8.07E-09	-1.47E-08/-7.29E-10 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 Trip Blanks for EX

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA8260B				
Acetone	0/4	20.0	0.0	20.0/20.0 µg/L
Acetonitrile	0/4	200	0.0	200/200 µg/L
Acrolein	0/4	50.0	0.0	50.0/50.0 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	0/11	5.0	0.0	5.0/5.0 µg/L
Bromochloromethane	0/4	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/11	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/11	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/11	5.0	0.0	5.0/5.0 µg/L
Carbon disulfide	0/4	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/11	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/11	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/11	5.0	0.0	5.0/5.0 µg/L
Chloroethene	0/11	5.0	0.0	5.0/5.0 µg/L
2-Chloroethyl vinyl ether	0/7	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/11	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/11	5.0	0.0	5.0/5.0 µg/L
Chloroprene	0/4	20.0	0.0	20.0/20.0 µg/L
Dibromochloromethane	0/11	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/4	10.0	0.0	10.0/10.0 µg/L
1,2-Dibromoethane	0/4	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/4	5.0	0.0	5.0/5.0 µg/L
1,2-Dichlorobenzene	0/4	5.0	0.0	5.0/5.0 µg/L
1,3-Dichlorobenzene	0/4	5.0	0.0	5.0/5.0 µg/L
1,4-Dichlorobenzene	0/4	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/4	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/4	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethane	0/11	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/11	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/11	5.0	0.0	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/12	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/11	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	7/11	3.58	2.38	1.90/10.0 µg/L
1,2-Dichloropropane	0/11	5.0	0.0	5.0/5.0 µg/L
1,3-Dichloropropane	0/4	5.0	0.0	5.0/5.0 µg/L
2,2-Dichloropropane	0/4	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloropropene	0/4	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/11	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/11	5.0	0.0	5.0/5.0 µg/L
1,4-Dioxane	0/4	500	0.0	500/500 µg/L
Ethyl methacrylate	0/4	5.0	0.0	5.0/5.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Ethylbenzene	0/11	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/4	20.0	0.0	20.0/20.0 µg/L
Iodomethane	0/4	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/4	500	0.0	500/500 µg/L
Methacrylonitrile	0/4	200	0.0	200/200 µg/L
Methyl ethyl ketone	0/4	20.0	0.0	20.0/20.0 µg/L
Methyl isobutyl ketone	0/4	10.0	0.0	10.0/10.0 µg/L
Methyl methacrylate	0/4	20.0	0.0	20.0/20.0 µg/L
Pentachloroethane	0/4	200	0.0	200/200 µg/L
Propionitrile	0/4	200	0.0	200/200 µg/L
Styrene	0/4	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/4	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/11	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	1/11	4.67	1.09	1.40/5.0 µg/L
Toluene	0/11	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/11	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	0/11	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/12	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/11	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/4	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/4	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/4	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.

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 77. Analytes Detected in Trip Blanks for GE

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA8260B				
Acetone	2/7	4.02	1.68	1.45/5.0 µg/L
Benzene	1/20	0.97	0.13	0.40/1.0 µg/L
Bromodichloromethane	0/20	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/20	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/20	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	0/20	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/20	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/20	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/20	1.0	0.0	1.0/1.0 µg/L
2-Chloroethyl vinyl ether	0/13	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/20	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/20	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/20	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/20	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/20	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/20	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/7	2.0	0.0	2.0/2.0 µg/L
cis-1,2-Dichloroethylene	0/6	1.0	0.0	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/13	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	2/20	4.04	1.40	1.03/5.0 µg/L
1,2-Dichloropropane	0/20	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/20	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/20	1.0	0.0	1.0/1.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Ethylbenzene	0/20	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	0/20	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/20	1.0	0.0	1.0/1.0 µg/L
Toluene	0/20	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/20	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/20	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/26	1.0	0.0	1.0/1.0 µg/L
Trichlorofluoromethane	2/13	0.86	0.33	0.09/1.0 µg/L
Trichlorotrifluoroethane	0/1	5.0	—	5.0/5.0 µg/L
Vinyl acetate	0/7	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/7	3.0	0.0	3.0/3.0 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 78. Analytes Detected in Trip Blanks for WA

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA8021B				
Carbon tetrachloride	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
Tetrachloroethylene	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
Trichloroethylene	0/3	1.0	0.0	1.0/1.0 µg/L
EPA8260B				
Acetone	1/7	10.5	1.40	10.0/13.7 µg/L
Acetonitrile	0/2	20.0	0.0	20.0/20.0 µg/L
Acrolein	0/2	20.0	0.0	20.0/20.0 µg/L
Acrylonitrile	0/2	5.0	0.0	5.0/5.0 µg/L
Allyl chloride	0/2	10.0	0.0	10.0/10.0 µg/L
Benzene	0/14	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/14	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/14	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/14	8.22	3.03	2.01/10.0 µg/L
Carbon disulfide	0/7	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/14	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/14	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/14	10.0	0.0	10.0/10.0 µg/L
Chloroethene	0/14	10.0	0.0	10.0/10.0 µg/L
2-Chloroethyl vinyl ether	0/7	10.0	0.0	10.0/10.0 µg/L
Chloroform	0/14	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/14	10.0	0.0	10.0/10.0 µg/L
Chloroprene	0/2	5.0	0.0	5.0/5.0 µg/L
Dibromochloromethane	0/14	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/2	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromoethane	0/2	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/2	5.0	0.0	5.0/5.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
1,4-Dichlorobenzene	0/2	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/2	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/2	10.0	0.0	10.0/10.0 µg/L
1,1-Dichloroethane	0/14	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/14	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/14	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethylene	0/5	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/9	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	1/14	6.49	1.98	4.16/10.5 µg/L
1,2-Dichloropropane	0/14	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/14	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/14	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/14	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/7	10.0	0.0	10.0/10.0 µg/L
Iodomethane	0/2	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/2	100	0.0	100/100 µg/L
Methacrylonitrile	0/2	10.0	0.0	10.0/10.0 µg/L
Methyl ethyl ketone	0/7	9.10	2.39	3.68/10.0 µg/L
Methyl isobutyl ketone	1/7	8.85	3.03	1.98/10.0 µg/L
Propionitrile	0/2	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	0/2	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	1/14	4.79	0.80	1.99/5.0 µg/L
Tetrachloroethylene	0/14	5.0	0.0	5.0/5.0 µg/L
Toluene	0/14	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/14	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	1/14	4.72	1.04	1.12/5.0 µg/L
Trichloroethylene	0/14	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/9	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/2	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	0/14	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.

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 ML

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA8260B				
Acetone	0/5	10.0	0.0	10.0/10.0 µg/L
Benzene	0/5	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/5	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/5	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/5	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/5	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/5	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/5	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/5	1.0	0.0	1.0/1.0 µg/L
Chloroethene	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
Chloromethane	0/5	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/5	1.0	0.0	1.0/1.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
1,1-Dichloroethane	0/5	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/5	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/5	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	1/5	5.40	9.84	1.0/23.0 µg/L
cis-1,2-Dichloroethylene	0/1	1.0	—	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/1	1.0	—	1.0/1.0 µg/L
Dichloromethane	0/5	10.0	0.0	10.0/10.0 µg/L
1,2-Dichloropropane	0/5	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/5	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/5	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	0/5	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/5	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	0/5	5.0	0.0	5.0/5.0 µg/L
Methyl isobutyl ketone	0/5	5.0	0.0	5.0/5.0 µg/L
Styrene	0/5	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/5	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	1/5	1.46	1.03	1.0/3.31 µg/L
Toluene	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
1,1,2-Trichloroethane	0/5	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	1/5	24.2	51.9	1.0/117 µg/L
Vinyl acetate	0/5	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/5	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.

— 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 Equipment Blanks for GP

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPIA-001				
Gross alpha	0/4	1.66E-10	6.12E-10	-4.17E-10/1.01E-09 µCi/mL
Nonvolatile beta	1/4	-4.17E-10/1.01E-12E-09 09 µCi/mL		-3.52E-10/2.56E-09 µCi/mL
EPIA-002				
Tritium	4/5	3.69E-06	2.57E-06	-1.53E-07/5.75E-06 µCi/mL
EPIA-004				
Strontium-90	0/5	1.21E-09	1.15E-09	1.07E-10/3.11E-09 µCi/mL
EPIA-006				
Iodine-129	0/4	3.53E-10	2.14E-10	1.89E-10/6.57E-10 µCi/mL

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

— Standard deviation cannot be determined.

Notes: A value of 0 is reported as 0.0.

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

Quality Control Samples

Table 81. Bailed Wells

Well	Date
AS 11	05/02/00
CSD 1D	06/22/00
HTF 2	06/14/00
HTF 3	05/25/00
HTF 5	05/25/00
HTF 6	05/25/00
HTF 10	06/14/00
HTF 24	06/14/00
HTF 25	06/14/00
HTF 29	06/14/00

Table 82. Sampled Wells with Metal Casings

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

Table 83. Wells That Had Turbidity Greater Than 15 NTU

<i>Well</i>	<i>Date</i>	<i>Results (in NTU)</i>
ABP 4	06/27/00	27.4
ARP 3	06/27/00	45.0
AS 1	06/21/00	1,000
AS 11	05/02/00	1,000
AS 11	05/25/00	671
BGO 28D	05/16/00	31.0
BGO 32D	05/12/00	45.0
BGO 37D	05/16/00	26.2
BRR 5D	05/15/00	28.4
CCB 2	05/16/00	24.3
CRP 17DU	05/03/00	153
CRP 17DU	05/31/00	93.2
FSB107D	04/19/00	79.0
FSB119D	04/11/00	20.4
FSS 1D	05/09/00	62.1
FSS 2D	05/09/00	150
FSS 4D	05/09/00	43.4
HSB 86D	04/18/00	58.0
HSB141D	04/20/00	23.3
HSB148C	04/25/00	152
HSB152D	04/27/00	108
HSL 5D	04/28/00	51.1
HTF 2	06/14/00	270
HTF 9	06/14/00	219
HTF 10	06/14/00	35.0
HTF 24	06/14/00	39.9
HTF 26	05/17/00	280
HTF 28	05/17/00	32.0
HTF 29	06/14/00	68.8
KDB 1	04/27/00	33.2
KDB 3	04/27/00	29.5
KDB 3	05/19/00	17.3
KDB 5	04/25/00	54.3
KDB 5	05/19/00	15.4
LDB 1	04/27/00	24.8
LDB 1	06/30/00	17.4
LDB 2	04/27/00	79.3
LDB 4	04/27/00	95.9
LDB 4	06/30/00	20.1
MSB 91TB	04/12/00	18.5
RPC 4DU	06/06/00	38.5
RPC 10DU	06/06/00	81.0
RSB 9	06/06/00	39.4
RSC 7	06/09/00	45.0
RSD 4	06/09/00	452
RSD 10	06/08/00	52.0
RSE 2	06/06/00	34.0
RSE 3A	06/06/00	127
RSP 4D	06/08/00	76.0
SVE 21A	06/22/00	>1,000
TCM 3	05/24/00	37.2
TCM 5	04/20/00	16.8
TCM 7	04/20/00	20.4
TNX 4D	04/26/00	48.3
TNX 5D	04/26/00	20.3
TNX 6D	04/26/00	39.5

Quality Control Samples

Table 84. Analyses Not Performed by GE

Well	Analyte	Reason
DBP 3	Total alpha-emitting radium	Canceled

Table 85. Analyses Not Performed by WA

Well	Analyte	Reason
BGO 30C	Mercury	Canceled due to holding time
BGO 11DR	Cyanide	Canceled

Site Index

Table 86 provides information about sites, locations, and well series. Some locations were not available.

Table 86. 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 of 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	South of L Area
LCO	L-Area Oil and Chemical Basin	
LDB	L-Area Disassembly Basin	
LDS	108-3L Bioremediation Facility	
LFW	Sanitary Landfill	
LRP	L-Area Burning/Rubble Pit	
LSB	L-Area Reactor Seepage 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	Southeast of the coal pile and south of P Area
PBP	P-Area Bingham Pump Outage Pit	
PCB	P-Area Coal Pile Runoff Containment Basin	
PDB	P-Area Disassembly Basin	
PRP	P-Area Burning/Rubble Pit	
PSB	P-Area Reactor Seepage Basins	
PSS	Par Pond Sludge Land Application Site	
PW	Production Wells	South of PAR Pond
RAC	R-Area Acid/Caustic Basin	South of R Area, just south of Road G
RBP	R-Area Bingham Pump Outage Pit	Northwest of R Area
RBW	R-Area Reactor Seepage Basins	
RCP	R-Area Coal Pile	West of the R-Area reactor building
RDB	R-Area Disassembly Basin	Northwest of R Area
RPC	R-Area Reactor Seepage Basins	
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	At the south end of S Area
SCA	S-Area Vitrification Building	
SLP	S-Area Low-Point Pump Pit	
SRW	Silverton Road Waste Site	South of Silverton Road
SSM	M-Area Southern Sector	Within the T-Area fence
TBG	T-Area (TNX) Burying Ground	
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	Southeastern S Area
ZDT	Z-Area Low-Point Drain Tank	

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 radio-nuclides 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 NGB 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 5× to 10× 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).

Microseeps Laboratory. Microseeps Inc., of Pittsburgh, PA

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.

MS. See **Microseeps Inc.**

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

TL. See **Triangle Laboratories**.

TM. See Thermo NUtch.

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, *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.

References

Appendix A. Water-Level Data

During second quarter 2000, 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 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00 Time: 15:27
Depth to water: 151 ft (46.03m) below TOC
Water elevation: 220.9 ft (67.33m) msl

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00 Time: 15:30
Depth to water: 159.73 ft (48.69m) below TOC
Water elevation: 194.77 ft (59.37m) msl

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00 Time: 15:22
Depth to water: 177.86 ft (54.21m) below TOC
Water elevation: 194.24 ft (59.21m) msl

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00 Time: 14:01
Depth to water: 126.71 ft (38.62m) below TOC
Water elevation: 217.99 ft (66.44m) msl

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00 Time: 13:55
Depth to water: 119.82 ft (36.52m) below TOC
Water elevation: 224.98 ft (68.57m) msl

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00 Time: 8:11
Depth to water: 94.04 ft (28.66m) below TOC
Water elevation: 208.26 ft (63.48m) msl

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00 Time: 8:11
Depth to water: 92.18 ft (28.10m) below TOC
Water elevation: 210.32 ft (64.11m) msl

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:41
Depth to water: 118.53 ft (36.13m) below TOC
Water elevation: 231.27 ft (70.49m) msl

WELL AMB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00 Time: 2:22
Depth to water: 164.55 ft (50.16m) below TOC
Water elevation: 215.95 ft (65.82m) msl

WELL AMB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00 Time: 2:30
Depth to water: 159.45 ft (48.60m) below TOC
Water elevation: 220.95 ft (67.35m) msl

WELL AMB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00 Time: 2:32
Depth to water: 151.4 ft (46.15m) below TOC
Water elevation: 228.9 ft (69.77m) msl

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00 Time: 3:34
Depth to water: 150.32 ft (45.82m) below TOC
Water elevation: 229.28 ft (69.89m) msl

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00 Time: 3:38
Depth to water: 148 ft (45.11m) below TOC
Water elevation: 229.2 ft (69.86m) msl

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00 Time: 1:41
Depth to water: 140.57 ft (42.85m) below TOC
Water elevation: 229.33 ft (69.90m) msl

WELL AMB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00 Time: 1:36
Depth to water: 157.78 ft (48.09m) below TOC
Water elevation: 215.82 ft (65.78m) msl

WELL AMB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00 Time: 1:35
Depth to water: 151.88 ft (46.29m) below TOC
Water elevation: 221.12 ft (67.40m) msl

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: Not available
Water elevation: 345.4 ft (105.28m) msl

Time: 17:39

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: Not available
Water elevation: Not available

Time: 15:53

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 120.83 ft (36.83m) below TOC
Water elevation: 216.47 ft (65.98m) msl

Time: 15:55

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 127.6 ft (38.89m) below TOC
Water elevation: 212.2 ft (64.68m) msl

Time: 15:36

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 131.82 ft (40.18m) below TOC
Water elevation: 216.58 ft (66.01m) msl

Time: 15:42

WELL ARP 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 133.41 ft (40.66m) below TOC
Water elevation: Not available

Time: 15:46

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: Not available
Water elevation: Not available

Time: 8:06

WELL ASB 2AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 120.51 ft (36.73m) below TOC
Water elevation: 235.09 ft (71.66m) msl

Time: 8:05

WELL ASB 2CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 136.26 ft (41.53m) below TOC
Water elevation: 219.34 ft (66.86m) msl

Time: 8:05

WELL ASB 3AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 108.05 ft (32.93m) below TOC
Water elevation: 233.55 ft (71.19m) msl

Time: 8:03

WELL ASB 3CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 122.82 ft (37.44m) below TOC
Water elevation: 218.68 ft (66.65m) msl

Time: 8:03

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 102.11 ft (31.12m) below TOC
Water elevation: 233.49 ft (71.17m) msl

Time: 8:06

WELL ASB 5AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 116.42 ft (35.49m) below TOC
Water elevation: 230.58 ft (70.28m) msl

Time: 8:06

WELL ASB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 128.21 ft (39.08m) below TOC
Water elevation: 219.09 ft (66.78m) msl

Time: 8:07

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 141.26 ft (43.06m) below TOC
Water elevation: 208.94 ft (63.69m) msl

Time: 8:08

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 137.92 ft (42.04m) below TOC
Water elevation: 216.28 ft (65.92m) msl

Time: 8:08

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 133.25 ft (40.62m) below TOC
Water elevation: 220.35 ft (67.16m) msl

Time: 8:08

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 141.36 ft (43.09m) below TOC
Water elevation: 211.54 ft (64.48m) msl

Time: 8:07

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 117.98 ft (35.96m) below TOC
Water elevation: 231.02 ft (70.42m) msl

Time: 7:38

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 135.02 ft (41.15m) below TOC
Water elevation: 214.78 ft (65.47m) msl

Time: 7:39

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 132.52 ft (40.39m) below TOC
Water elevation: 217.18 ft (66.20m) msl

Time: 7:39

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 136.47 ft (41.60m) below TOC
Water elevation: 213.13 ft (64.96m) msl

Time: 7:40

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 70.3 ft (21.43m) below TOC
Water elevation: 238.7 ft (72.76m) msl

Time: 8:02

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 91.06 ft (27.76m) below TOC
Water elevation: 217.94 ft (66.43m) msl

Time: 8:02

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 91.72 ft (27.96m) below TOC
Water elevation: 218.18 ft (66.50m) msl

Time: 8:02

WELL ASB 10CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 130.19 ft (39.68m) below TOC
Water elevation: 219.01 ft (66.76m) msl

Time: 8:04

WELL CCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 53.65 ft (17.57m) below TOC
Water elevation: 220.95 ft (67.35m) msl

Time: 15:41

WELL CCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 55.2 ft (16.83m) below TOC
Water elevation: 215.2 ft (65.59m) msl

Time: 15:42

WELL CCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 48.12 ft (14.67m) below TOC
Water elevation: 219.28 ft (66.84m) msl

Time: 15:44

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 69.65 ft (21.23m) below TOC
Water elevation: 213.35 ft (65.03m) msl

Time: 15:45

WELL CCP 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: Not available
Water elevation: 289 ft (88.09m) msl

Time: 16:14

WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 79.35 ft (24.19m) below TOC
Water elevation: 209.55 ft (63.87m) msl

Time: 15:59

WELL CDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 78.86 ft (24.04m) below TOC
Water elevation: 209.74 ft (63.93m) msl

Time: 16:02

WELL CRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 70.1 ft (21.37m) below TOC
Water elevation: 204.5 ft (62.33m) msl

Time: 16:28

WELL CRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 75.08 ft (22.88m) below TOC
Water elevation: 203.62 ft (62.06m) msl

Time: 16:36

WELL CRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: Not available
Water elevation: 265.8 ft (81.02m) msl

Time: 16:50

WELL CRP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 75.88 ft (23.13m) below TOC
Water elevation: 192.32 ft (58.62m) msl

Time: 16:59

WELL CRP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 64.42 ft (19.64m) below TOC
Water elevation: 202.98 ft (61.87m) msl

Time: 16:59

WELL CRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 64 ft (19.51m) below TOC
Water elevation: 203.7 ft (62.09m) msl

Time: 14:45

WELL CRP 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 83.12 ft (25.34m) below TOC
Water elevation: 193.78 ft (59.06m) msl

Time: 16:22

WELL CRP 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 70.98 ft (21.63m) below TOC
Water elevation: 205.52 ft (62.64m) msl

Time: 16:26

WELL CRP 6DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 59.71 ft (18.20m) below TOC
Water elevation: 203.79 ft (62.12m) msl

Time: 17:16

WELL CRP 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 62.6 ft (19.08m) below TOC
Water elevation: 202.5 ft (61.72m) msl

Time: 16:47

WELL CRP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 46.05 ft (14.04m) below TOC
Water elevation: 202.35 ft (61.68m) msl

Time: 17:13

WELL CRP 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 67.52 ft (20.58m) below TOC
Water elevation: 202.88 ft (61.84m) msl

Time: 16:41

WELL CRP 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 65.44 ft (19.95m) below TOC
Water elevation: 202.06 ft (61.59m) msl

Time: 17:09

WELL CRP 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: Not available
Water elevation: 271.6 ft (82.78m) msl

Time: 9:35

WELL CRP 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 69.46 ft (21.17m) below TOC
Water elevation: 202.14 ft (61.61m) msl

Time: 16:31

WELL CRP 16DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 68.06 ft (20.74m) below TOC
Water elevation: Not available

Time: 17:08

WELL CRP 16DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 67.97 ft (20.72m) below TOC
Water elevation: Not available

Time: 17:05

WELL CRP 17DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 63.83 ft (19.46m) below TOC
Water elevation: Not available

Time: 17:04

WELL CRP 17DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 63.54 ft (19.37m) below TOC
Water elevation: Not available

Time: 17:00

WELL CSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 86.88 ft (26.48m) below TOC
Water elevation: 200.02 ft (60.97m) msl

Time: 14:50

WELL CSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 82.14 ft (25.04m) below TOC
Water elevation: 201.26 ft (61.34m) msl

Time: 14:00

WELL CSB 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 79.39 ft (24.20m) below TOC
Water elevation: 207.81 ft (63.34m) msl

Time: 14:51

WELL CSB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 74.26 ft (22.63m) below TOC
Water elevation: 205.64 ft (62.68m) msl

Time: 14:01

WELL CSB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 73.61 ft (22.44m) below TOC
Water elevation: 205.29 ft (62.57m) msl

Time: 14:04

WELL CSB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 85.65 ft (26.11m) below TOC
Water elevation: Not available

Time: 14:08

WELL CSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 78.64 ft (23.97m) below TOC
Water elevation: Not available

Time: 14:31

WELL CSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 13.1 ft (3.99m) below TOC
Water elevation: Not available

Time: 14:41

WELL CSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 30.81 ft (9.39m) below TOC
Water elevation: Not available

Time: 14:38

WELL CSB 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 26.87 ft (8.19m) below TOC
Water elevation: Not available

Time: 14:24

WELL CSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 29.6 ft (9.02m) below TOC
Water elevation: Not available

Time: 14:17

WELL FIW 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 76.32 ft (23.26m) below TOC
Water elevation: 217.58 ft (66.32m) msl

Time: 9:30

WELL FIW 1MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 79.48 ft (24.23m) below TOC
Water elevation: 214.22 ft (65.30m) msl

Time: 9:29

WELL FIW 2MA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 141.6 ft (43.16m) below TOC
Water elevation: 151.1 ft (46.06m) msl

Time: 14:41

WELL FIW 2MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 73.2 ft (22.31m) below TOC
Water elevation: 212.6 ft (64.80m) msl

Time: 14:42

WELL FIW 2MD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 73.92 ft (22.53m) below TOC
Water elevation: 216.88 ft (66.11m) msl

Time: 14:43

WELL FOB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 62.45 ft (19.03m) below TOC
Water elevation: 196.05 ft (59.76m) msl

Time: 11:10

WELL FOB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 146.6 ft (44.68m) below TOC
Water elevation: 150.9 ft (45.99m) msl

Time: 14:44

WELL FOB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 88.1 ft (26.85m) below TOC
Water elevation: 209.8 ft (63.95m) msl

Time: 14:44

WELL FOB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 81.87 ft (24.95m) below TOC
Water elevation: 212.93 ft (64.90m) msl

Time: 14:46

WELL FOB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 48.82 ft (14.88m) below TOC
Water elevation: 214.88 ft (65.50m) msl

Time: 9:40

WELL FSB 50PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 54.8 ft (16.70m) below TOC
Water elevation: 203.2 ft (61.94m) msl

Time: 11:07

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 76.84 ft (23.42m) below TOC
Water elevation: 217.36 ft (66.25m) msl

Time: 9:19

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 139.48 ft (42.51m) below TOC
Water elevation: 154.42 ft (47.07m) msl

Time: 9:22

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 143.05 ft (43.60m) below TOC
Water elevation: 150.75 ft (45.95m) msl

Time: 9:25

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 79.5 ft (24.23m) below TOC
Water elevation: 214.1 ft (65.26m) msl

Time: 9:27

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 117.44 ft (35.80m) below TOC
Water elevation: 155.16 ft (47.29m) msl

Time: 11:14

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 119.36 ft (36.38m) below TOC
Water elevation: 153.44 ft (46.77m) msl

Time: 11:15

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 69.08 ft (21.06m) below TOC
Water elevation: 204.42 ft (62.31m) msl

Time: 11:16

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 61.1 ft (18.62m) below TOC
Water elevation: 157 ft (47.85m) msl

Time: 10:19

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 60.97 ft (18.58m) below TOC
Water elevation: 157.23 ft (47.92m) msl

Time: 10:20

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 134.82 ft (41.09m) below TOC
Water elevation: 152.98 ft (46.63m) msl

Time: 11:33

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 137.68 ft (41.97m) below TOC
Water elevation: 149.82 ft (45.67m) msl

Time: 11:35

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 77.45 ft (23.61m) below TOC
Water elevation: 210.05 ft (64.02m) msl

Time: 11:36

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 74.48 ft (22.70m) below TOC
Water elevation: 212.82 ft (64.87m) msl

Time: 11:37

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 69.1 ft (21.06m) below TOC
Water elevation: 213.9 ft (65.20m) msl

Time: 9:50

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 65.96 ft (20.10m) below TOC
Water elevation: 216.44 ft (65.97m) msl

Time: 9:51

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 67.66 ft (20.62m) below TOC
Water elevation: 213.64 ft (65.12m) msl

Time: 9:58

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 65.53 ft (19.97m) below TOC
Water elevation: 215.67 ft (65.74m) msl

Time: 9:59

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 66.23 ft (20.19m) below TOC
Water elevation: 212.17 ft (64.67m) msl

Time: 10:01

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 67.45 ft (20.56m) below TOC
Water elevation: 211.85 ft (64.57m) msl

Time: 10:09

WELL FSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 65.92 ft (20.09m) below TOC
Water elevation: 209.78 ft (63.94m) msl

Time: 10:13

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 68.21 ft (20.79m) below TOC
Water elevation: 207.99 ft (63.40m) msl

Time: 10:15

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 67.56 ft (20.59m) below TOC
Water elevation: 208.54 ft (63.56m) msl

Time: 10:16

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 75.8 ft (23.10m) below TOC
Water elevation: 205.3 ft (62.58m) msl

Time: 11:18

WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 129.08 ft (39.34m) below TOC
Water elevation: 152.12 ft (46.37m) msl

Time: 11:21

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 134.93 ft (41.13m) below TOC
Water elevation: 151.17 ft (46.08m) msl

Time: 11:26

WELL FSB 98AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 133.4 ft (40.66m) below TOC
Water elevation: 150.6 ft (45.90m) msl

Time: 11:30

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 137.91 ft (42.04m) below TOC
Water elevation: 149.69 ft (45.63m) msl

Time: 11:40

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 75.83 ft (23.11m) below TOC
Water elevation: 211.87 ft (64.58m) msl

Time: 11:41

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 73.6 ft (22.43m) below TOC
Water elevation: 214 ft (65.23m) msl

Time: 11:43

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 135.27 ft (41.23m) below TOC
Water elevation: 150.73 ft (45.94m) msl

Time: 13:29

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 134 ft (40.84m) below TOC
Water elevation: 151.2 ft (46.09m) msl

Time: 13:26

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 7.56 ft (2.30m) below TOC
Water elevation: 193.54 ft (58.99m) msl

Time: 10:28

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 46.39 ft (14.14m) below TOC
Water elevation: 196.01 ft (59.74m) msl

Time: 10:50

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 23.73 ft (7.23m) below TOC
Water elevation: 195.37 ft (59.55m) msl

Time: 11:04

WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 77.3 ft (23.56m) below TOC
Water elevation: 208.3 ft (63.49m) msl

Time: 11:24

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 37.15 ft (11.32m) below TOC
Water elevation: 197.95 ft (60.34m) msl

Time: 10:31

WELL FSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: Not available
Water elevation: Not available

Time: 10:32

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 59.25 ft (18.06m) below TOC
Water elevation: 211.65 ft (64.51m) msl

Time: 10:05

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 57.52 ft (17.53m) below TOC
Water elevation: 213.48 ft (65.07m) msl

Time: 10:06

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 90.7 ft (27.65m) below TOC
Water elevation: 207.3 ft (63.19m) msl

Time: 14:38

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 77.93 ft (23.75m) below TOC
Water elevation: 215.17 ft (65.58m) msl

Time: 11:46

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 37.82 ft (11.53m) below TOC
Water elevation: 196.68 ft (59.95m) msl

Time: 10:26

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 63.05 ft (19.22m) below TOC
Water elevation: 213.25 ft (65.00m) msl

Time: 9:54

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 61.42 ft (18.72m) below TOC
Water elevation: 215.18 ft (65.59m) msl

Time: 9:55

WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 77.05 ft (23.49m) below TOC
Water elevation: 152.05 ft (46.35m) msl

Time: 10:54

WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 32.66 ft (9.95m) below TOC
Water elevation: 196.44 ft (59.88m) msl

Time: 10:55

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 30 ft (9.14m) below TOC
Water elevation: 199.6 ft (60.84m) msl

Time: 10:57

WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 64.25 ft (19.58m) below TOC
Water elevation: 158.95 ft (48.45m) msl

Time: 10:35

WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 33.12 ft (7.05m) below TOC
Water elevation: 199.78 ft (60.89m) msl

Time: 10:36

WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 18.5 ft (5.64m) below TOC
Water elevation: 204 ft (62.18m) msl

Time: 10:37

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 97.55 ft (29.73m) below TOC
Water elevation: 154.45 ft (47.08m) msl

Time: 9:44

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 38.96 ft (11.88m) below TOC
Water elevation: 213.24 ft (65.00m) msl

Time: 9:46

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 36.35 ft (11.08m) below TOC
Water elevation: 215.85 ft (65.79m) msl

Time: 9:48

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 25.53 ft (7.78m) below TOC
Water elevation: 182.27 ft (55.56m) msl

Time: 13:17

WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 19.54 ft (5.96m) below TOC
Water elevation: 188.96 ft (57.60m) msl

Time: 13:18

WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 12.52 ft (3.82m) below TOC
Water elevation: 189.98 ft (57.91m) msl

Time: 13:19

WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 11.43 ft (3.48m) below TOC
Water elevation: 191.47 ft (58.36m) msl

Time: 13:20

WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 33.8 ft (10.30m) below TOC
Water elevation: 209.5 ft (63.86m) msl

Time: 10:45

WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 108.05 ft (32.93m) below TOC
Water elevation: 172.05 ft (52.44m) msl

Time: 13:23

WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 76.93 ft (23.45m) below TOC
Water elevation: 202.77 ft (61.81m) msl

Time: 13:24

WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 74.09 ft (22.58m) below TOC
Water elevation: 206.41 ft (62.91m) msl

Time: 13:24

WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 56.24 ft (17.14m) below TOC
Water elevation: 200.26 ft (61.04m) msl

Time: 13:24

WELL FSB121DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 52.35 ft (15.96m) below TOC
Water elevation: 203.15 ft (61.92m) msl

Time: 13:25

WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 22.93 ft (6.99m) below TOC
Water elevation: 195.07 ft (59.46m) msl

Time: 11:00

WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 19.4 ft (5.91m) below TOC
Water elevation: 198.2 ft (60.41m) msl

Time: 11:01

WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 28.65 ft (8.73m) below TOC
Water elevation: 209.45 ft (63.84m) msl

Time: 10:40

WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 27.92 ft (8.51m) below TOC
Water elevation: 210.18 ft (64.06m) msl

Time: 10:41

WELL FSB150PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 42.38 ft (12.92m) below TOC
Water elevation: 194.42 ft (59.26m) msl

Time: 10:23

WELL FSB150PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 56.38 ft (17.18m) below TOC
Water elevation: 203.02 ft (61.88m) msl

Time: 11:09

WELL FSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 82.8 ft (25.24m) below TOC
Water elevation: 223 ft (67.97m) msl

Time: 13:29

WELL FSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 81.44 ft (24.82m) below TOC
Water elevation: 220.56 ft (67.23m) msl

Time: 13:30

WELL FSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 79.34 ft (24.18m) below TOC
Water elevation: 214.76 ft (65.46m) msl

Time: 13:30

WELL FSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 72.96 ft (22.24m) below TOC
Water elevation: 218.84 ft (66.70m) msl

Time: 13:30

WELL FSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 67.89 ft (20.69m) below TOC
Water elevation: 218.31 ft (66.54m) msl

Time: 14:39

WELL FSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 70.35 ft (21.44m) below TOC
Water elevation: 217.25 ft (66.22m) msl

Time: 9:03

WELL FSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 73.84 ft (22.51m) below TOC
Water elevation: 216.96 ft (66.13m) msl

Time: 9:33

WELL FSL 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 69.5 ft (21.18m) below TOC
Water elevation: 216.4 ft (65.96m) msl

Time: 9:36

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 45.29 ft (13.80m) below TOC
Water elevation: 220.71 ft (67.27m) msl

Time: 13:32

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 41.4 ft (12.62m) below TOC
Water elevation: 220.2 ft (67.12m) msl

Time: 13:32

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 40.04 ft (12.20m) below TOC
Water elevation: 218.16 ft (66.50m) msl

Time: 13:33

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/23/00
Depth to water: 74.5 ft (22.71m) below TOC
Water elevation: 217.3 ft (66.23m) msl

Time: 13:33

WELL HIW 1MD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 36.5 ft (11.13m) below TOC
Water elevation: 238.1 ft (72.57m) msl

Time: 10:26

WELL HIW 1PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 39.13 ft (11.93m) below TOC
Water elevation: 237.27 ft (72.32m) msl

Time: 10:38

WELL HIW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 111.72 ft (34.05m) below TOC
Water elevation: 166.28 ft (50.68m) msl

Time: 10:43

WELL HIW 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 43.63 ft (13.30m) below TOC
Water elevation: 234.17 ft (71.38m) msl

Time: 10:45

WELL HIW 2MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 40.4 ft (12.31m) below TOC
Water elevation: 230.5 ft (70.26m) msl

Time: 10:53

WELL HIW 3MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 44.21 ft (13.48m) below TOC
Water elevation: 229.79 ft (70.04m) msl

Time: 10:49

WELL HIW 5MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 39.74 ft (12.11m) below TOC
Water elevation: 228.46 ft (69.64m) msl

Time: 10:56

WELL HSB 50PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 19.1 ft (5.82m) below TOC
Water elevation: 212.6 ft (64.80m) msl

Time: 14:53

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 35.09 ft (10.70m) below TOC
Water elevation: 236.91 ft (72.21m) msl

Time: 10:51

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 101.97 ft (31.08m) below TOC
Water elevation: 171.63 ft (52.31m) msl

Time: 10:52

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 48.83 ft (14.88m) below TOC
Water elevation: 224.87 ft (68.54m) msl

Time: 10:52

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 35.91 ft (10.95m) below TOC
Water elevation: 237.69 ft (72.45m) msl

Time: 10:52

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 69.04 ft (21.04m) below TOC
Water elevation: 211.16 ft (64.36m) msl

Time: 14:54

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 19.05 ft (5.81m) below TOC
Water elevation: 218.75 ft (66.68m) msl

Time: 14:54

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 34.15 ft (10.41m) below TOC
Water elevation: 215.95 ft (65.82m) msl

Time: 14:55

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 77.64 ft (23.66m) below TOC
Water elevation: 171.76 ft (52.35m) msl

Time: 14:55

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 34.55 ft (10.53m) below TOC
Water elevation: 215.45 ft (65.67m) msl

Time: 14:55

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 34.05 ft (10.38m) below TOC
Water elevation: 216.05 ft (65.85m) msl

Time: 14:56

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 20.53 ft (6.26m) below TOC
Water elevation: 215.47 ft (65.68m) msl

Time: 14:56

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 64.18 ft (19.56m) below TOC
Water elevation: 172.42 ft (52.55m) msl

Time: 14:57

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 26.17 ft (7.98m) below TOC
Water elevation: 216.63 ft (66.03m) msl

Time: 14:57

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 23.37 ft (7.12m) below TOC
Water elevation: 219.73 ft (66.97m) msl

Time: 14:57

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 23.1 ft (7.04m) below TOC
Water elevation: 218.3 ft (66.54m) msl

Time: 14:58

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 22.75 ft (6.93m) below TOC
Water elevation: 218.85 ft (66.71m) msl

Time: 14:58

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 63.77 ft (19.44m) below TOC
Water elevation: 173.53 ft (52.89m) msl

Time: 14:58

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 14.68 ft (4.47m) below TOC
Water elevation: 222.32 ft (67.76m) msl

Time: 14:59

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 12.17 ft (3.71m) below TOC
Water elevation: 224.93 ft (68.56m) msl

Time: 14:59

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 12.77 ft (3.89m) below TOC
Water elevation: 224.23 ft (68.35m) msl

Time: 14:59

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 56.75 ft (17.30m) below TOC
Water elevation: 171.95 ft (52.41m) msl

Time: 15:00

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 19.61 ft (5.98m) below TOC
Water elevation: 209.29 ft (63.79m) msl

Time: 15:00

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 17.45 ft (5.32m) below TOC
Water elevation: 211.65 ft (64.51m) msl

Time: 15:00

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 17.75 ft (4.19m) below TOC
Water elevation: 215.05 ft (65.55m) msl

Time: 15:01

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 125.37 ft (38.21m) below TOC
Water elevation: 169.03 ft (51.52m) msl

Time: 15:02

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 61.77 ft (18.83m) below TOC
Water elevation: 232.73 ft (70.94m) msl

Time: 15:02

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 61.17 ft (18.64m) below TOC
Water elevation: 232.93 ft (71.00m) msl

Time: 15:02

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 93.86 ft (28.61m) below TOC
Water elevation: 168.54 ft (51.37m) msl

Time: 10:02

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 43.61 ft (13.29m) below TOC
Water elevation: 218.29 ft (66.54m) msl

Time: 10:03

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 43.81 ft (13.35m) below TOC
Water elevation: 219.09 ft (66.78m) msl
Time: 10:04

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 43.24 ft (13.18m) below TOC
Water elevation: 219.76 ft (66.98m) msl
Time: 10:04

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 33.18 ft (10.11m) below TOC
Water elevation: 227.02 ft (69.20m) msl
Time: 10:48

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 23.77 ft (7.25m) below TOC
Water elevation: 236.33 ft (72.03m) msl
Time: 10:48

WELL HSB100PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 19.73 ft (6.01m) below TOC
Water elevation: 210.27 ft (64.09m) msl
Time: 15:03

WELL HSB100PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 12.98 ft (3.96m) below TOC
Water elevation: 213.02 ft (64.93m) msl
Time: 11:06

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 32.77 ft (9.99m) below TOC
Water elevation: 225.73 ft (68.80m) msl
Time: 10:44

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 25.83 ft (7.87m) below TOC
Water elevation: 232.87 ft (70.98m) msl
Time: 10:47

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 34.17 ft (10.42m) below TOC
Water elevation: 224.83 ft (68.53m) msl
Time: 10:42

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 28.97 ft (8.83m) below TOC
Water elevation: 229.63 ft (69.99m) msl
Time: 10:43

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 27.24 ft (7.24m) below TOC
Water elevation: 223.66 ft (68.17m) msl
Time: 10:41

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 23.04 ft (7.02m) below TOC
Water elevation: 224.56 ft (68.45m) msl
Time: 10:41

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 27.84 ft (8.49m) below TOC
Water elevation: 220.06 ft (67.08m) msl
Time: 10:39

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 25.83 ft (7.87m) below TOC
Water elevation: 221.97 ft (67.66m) msl
Time: 10:40

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 30.55 ft (9.31m) below TOC
Water elevation: 218.95 ft (66.74m) msl
Time: 10:37

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 26.97 ft (8.22m) below TOC
Water elevation: 222.53 ft (67.83m) msl
Time: 10:38

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 31.74 ft (9.67m) below TOC
Water elevation: 221.16 ft (67.41m) msl

Time: 10:36

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 28.72 ft (8.75m) below TOC
Water elevation: 224.18 ft (68.33m) msl

Time: 10:37

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 43.34 ft (13.21m) below TOC
Water elevation: 218.26 ft (66.53m) msl

Time: 10:34

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 40.39 ft (12.31m) below TOC
Water elevation: 221.91 ft (67.64m) msl

Time: 10:35

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 49.19 ft (14.99m) below TOC
Water elevation: 217.01 ft (66.15m) msl

Time: 10:32

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 46.04 ft (14.03m) below TOC
Water elevation: 220.26 ft (67.14m) msl

Time: 10:33

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 44.33 ft (13.51m) below TOC
Water elevation: 217.27 ft (66.22m) msl

Time: 10:29

WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: Not available
Water elevation: Not available

Time: 10:30

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 38.35 ft (11.69m) below TOC
Water elevation: 217.35 ft (66.25m) msl

Time: 10:28

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: Not available
Water elevation: Not available

Time: 10:28

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 38.09 ft (11.61m) below TOC
Water elevation: 217.91 ft (66.42m) msl

Time: 10:21

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 39.62 ft (12.08m) below TOC
Water elevation: 216.38 ft (65.95m) msl

Time: 10:21

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 34.44 ft (10.50m) below TOC
Water elevation: 221.46 ft (67.50m) msl

Time: 10:24

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 35.18 ft (10.72m) below TOC
Water elevation: 219.72 ft (66.97m) msl

Time: 10:17

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 37.24 ft (11.35m) below TOC
Water elevation: 217.86 ft (66.40m) msl

Time: 10:18

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 42.45 ft (12.94m) below TOC
Water elevation: 212.65 ft (64.82m) msl

Time: 10:18

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 42.13 ft (12.84m) below TOC
Water elevation: 218.87 ft (66.71m) msl

Time: 10:15

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 43.25 ft (13.18m) below TOC
Water elevation: 217.65 ft (66.34m) msl

Time: 10:16

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: Not available
Water elevation: Not available

Time: 10:09

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 45.19 ft (13.77m) below TOC
Water elevation: 218.81 ft (66.69m) msl

Time: 10:13

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 50.9 ft (15.51m) below TOC
Water elevation: 218.4 ft (66.57m) msl

Time: 9:45

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: Not available
Water elevation: Not available

Time: 9:47

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 37.17 ft (11.33m) below TOC
Water elevation: 220.33 ft (67.16m) msl

Time: 9:38

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 36.72 ft (11.19m) below TOC
Water elevation: 220.08 ft (67.08m) msl

Time: 9:42

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 70.91 ft (21.61m) below TOC
Water elevation: 166.39 ft (50.72m) msl

Time: 15:03

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 19.43 ft (5.92m) below TOC
Water elevation: 217.97 ft (66.44m) msl

Time: 15:03

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 19.92 ft (6.07m) below TOC
Water elevation: 217.68 ft (66.35m) msl

Time: 15:04

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 79.61 ft (24.27m) below TOC
Water elevation: 167.69 ft (51.11m) msl

Time: 11:11

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 91.18 ft (27.79m) below TOC
Water elevation: 165.92 ft (50.57m) msl

Time: 9:34

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 102.93 ft (31.37m) below TOC
Water elevation: 165.27 ft (50.37m) msl

Time: 9:30

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 102.61 ft (31.28m) below TOC
Water elevation: 171.99 ft (52.42m) msl

Time: 15:04

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 99.88 ft (30.44m) below TOC
Water elevation: 171.72 ft (52.34m) msl

Time: 15:04

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 93.86 ft (28.61m) below TOC
Water elevation: 171.84 ft (52.38m) msl

Time: 15:05

WELL HSB124AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 94.73 ft (28.87m) below TOC
Water elevation: 172.07 ft (52.45m) msl

Time: 15:05

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 8.97 ft (2.73m) below TOC
Water elevation: 222.93 ft (67.95m) msl

Time: 11:11

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 11.01 ft (3.36m) below TOC
Water elevation: 220.69 ft (67.27m) msl

Time: 11:11

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 8.1 ft (2.47m) below TOC
Water elevation: 204.5 ft (62.33m) msl

Time: 11:12

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 7.88 ft (2.40m) below TOC
Water elevation: 204.82 ft (62.43m) msl

Time: 11:12

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 16.95 ft (5.17m) below TOC
Water elevation: 208.75 ft (63.63m) msl

Time: 11:13

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 14.48 ft (4.41m) below TOC
Water elevation: 211.62 ft (64.50m) msl

Time: 11:13

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 10.11 ft (3.08m) below TOC
Water elevation: 204.99 ft (62.48m) msl

Time: 15:06

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 6.66 ft (2.03m) below TOC
Water elevation: 208.04 ft (63.41m) msl

Time: 15:06

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 18.03 ft (5.50m) below TOC
Water elevation: 200.27 ft (61.04m) msl

Time: 15:06

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 18.33 ft (5.59m) below TOC
Water elevation: 200.27 ft (61.04m) msl

Time: 15:07

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 7.75 ft (2.36m) below TOC
Water elevation: 203.95 ft (62.16m) msl

Time: 15:07

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 6.92 ft (2.11m) below TOC
Water elevation: 205.18 ft (62.54m) msl

Time: 15:07

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 19.44 ft (5.93m) below TOC
Water elevation: 221.06 ft (67.38m) msl

Time: 11:14

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 23.94 ft (7.30m) below TOC
Water elevation: 216.76 ft (66.07m) msl

Time: 11:14

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 24.83 ft (7.57m) below TOC
Water elevation: 230.77 ft (70.34m) msl

Time: 11:14

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 18.65 ft (5.68m) below TOC
Water elevation: 236.65 ft (72.13m) msl

Time: 11:14

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 17.97 ft (5.48m) below TOC
Water elevation: 220.43 ft (67.19m) msl

Time: 11:15

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 18.95 ft (5.78m) below TOC
Water elevation: 219.15 ft (66.80m) msl

Time: 11:15

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 25.73 ft (7.84m) below TOC
Water elevation: 206.27 ft (62.87m) msl

Time: 11:16

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 23.77 ft (7.25m) below TOC
Water elevation: 208.53 ft (63.56m) msl

Time: 11:16

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 15.33 ft (4.67m) below TOC
Water elevation: 212.57 ft (64.79m) msl

Time: 11:16

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 12.77 ft (3.89m) below TOC
Water elevation: 215.23 ft (65.60m) msl

Time: 11:17

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 21.55 ft (6.57m) below TOC
Water elevation: 214.45 ft (65.37m) msl

Time: 11:17

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 16.1 ft (4.91m) below TOC
Water elevation: 220.5 ft (67.21m) msl

Time: 11:17

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 31.33 ft (9.55m) below TOC
Water elevation: 221.07 ft (67.38m) msl

Time: 11:18

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 59.88 ft (18.25m) below TOC
Water elevation: 173.82 ft (52.98m) msl

Time: 11:18

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 21.4 ft (6.52m) below TOC
Water elevation: 212.4 ft (64.74m) msl

Time: 11:18

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 16.2 ft (4.94m) below TOC
Water elevation: 217.6 ft (66.33m) msl

Time: 11:18

WELL HSB140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 60.44 ft (18.42m) below TOC
Water elevation: 175.46 ft (53.48m) msl

Time: 11:19

WELL HSB140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 29.88 ft (9.11m) below TOC
Water elevation: 205.72 ft (62.70m) msl

Time: 11:19

WELL HSB140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 23.66 ft (7.21m) below TOC
Water elevation: 212.54 ft (64.78m) msl

Time: 11:19

WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 79.58 ft (24.26m) below TOC
Water elevation: 175.02 ft (53.35m) msl

Time: 11:20

WELL HSB141CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 26.73 ft (8.15m) below TOC
Water elevation: 227.57 ft (69.36m) msl

Time: 11:20

WELL HSB141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 16.75 ft (5.11m) below TOC
Water elevation: 238.05 ft (72.56m) msl

Time: 11:20

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 5.77 ft (1.76m) below TOC
Water elevation: 198.23 ft (60.42m) msl

Time: 11:21

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 6.73 ft (2.05m) below TOC
Water elevation: 197.47 ft (60.19m) msl

Time: 11:21

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 13.99 ft (4.26m) below TOC
Water elevation: 208.21 ft (63.46m) msl

Time: 11:21

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 11.88 ft (3.62m) below TOC
Water elevation: 211.02 ft (64.32m) msl

Time: 11:22

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 64.83 ft (19.76m) below TOC
Water elevation: 170.77 ft (52.05m) msl

Time: 11:22

WELL HSB145C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 23.1 ft (7.04m) below TOC
Water elevation: 212.6 ft (64.80m) msl

Time: 11:22

WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 19.73 ft (6.01m) below TOC
Water elevation: 216.47 ft (65.98m) msl

Time: 11:23

WELL HSB146A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 75.66 ft (23.06m) below TOC
Water elevation: 175.94 ft (53.63m) msl

Time: 11:23

WELL HSB146C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 42.65 ft (13.00m) below TOC
Water elevation: 209.65 ft (63.90m) msl

Time: 11:23

WELL HSB146D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 31.96 ft (9.74m) below TOC
Water elevation: 221.14 ft (67.40m) msl

Time: 11:24

WELL HSB147D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 40.77 ft (12.43m) below TOC
Water elevation: 226.53 ft (69.05m) msl

Time: 11:24

WELL HSB148C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 49.23 ft (15.01m) below TOC
Water elevation: 201.67 ft (61.47m) msl

Time: 11:24

WELL HSB148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 39.03 ft (11.90m) below TOC
Water elevation: 212.07 ft (64.64m) msl

Time: 11:25

WELL HSB149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 21.6 ft (6.58m) below TOC
Water elevation: 218.4 ft (66.57m) msl

Time: 11:25

WELL HSB150D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 13.18 ft (4.02m) below TOC
Water elevation: 225.82 ft (68.83m) msl

Time: 11:25

WELL HSB150PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 19.75 ft (6.02m) below TOC
Water elevation: 211.95 ft (64.60m) msl

Time: 11:25

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 6.47 ft (1.97m) below TOC
Water elevation: 207.13 ft (63.13m) msl

Time: 11:26

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 7.16 ft (2.18m) below TOC
Water elevation: 206.44 ft (62.92m) msl

Time: 11:26

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 15.23 ft (4.64m) below TOC
Water elevation: 198.87 ft (60.62m) msl

Time: 11:26

WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: Not available
Water elevation: Not available

Time: 11:27

WELL HSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 27.23 ft (8.30m) below TOC
Water elevation: 236.77 ft (72.17m) msl

Time: 11:27

WELL HSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 24.03 ft (7.32m) below TOC
Water elevation: 241.47 ft (73.60m) msl

Time: 11:27

WELL HSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 19.08 ft (5.82m) below TOC
Water elevation: 248.52 ft (75.75m) msl

Time: 11:28

WELL HSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 14.73 ft (4.49m) below TOC
Water elevation: 258.47 ft (78.78m) msl

Time: 11:28

WELL HSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 10.93 ft (3.33m) below TOC
Water elevation: 265.67 ft (80.98m) msl

Time: 11:28

WELL HSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 23.33 ft (7.11m) below TOC
Water elevation: 256.67 ft (78.23m) msl

Time: 11:29

WELL HSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 27.06 ft (8.25m) below TOC
Water elevation: 256.74 ft (78.26m) msl

Time: 11:29

WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 30.97 ft (9.44m) below TOC
Water elevation: 257.73 ft (78.56m) msl

Time: 11:29

WELL LFW 6R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 18.89 ft (5.76m) below TOC
Water elevation: 151.31 ft (46.12m) msl

Time: 14:15

WELL LFW 8R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 22.7 ft (6.92m) below TOC
Water elevation: 147.9 ft (45.08m) msl

Time: 14:16

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 32.25 ft (9.83m) below TOC
Water elevation: 149.35 ft (45.52m) msl

Time: 8:26

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 31.95 ft (9.74m) below TOC
Water elevation: 151.95 ft (46.31m) msl

Time: 8:27

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 36.7 ft (11.19m) below TOC
Water elevation: 148.4 ft (45.23m) msl

Time: 8:28

WELL LFW 23R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 22.28 ft (6.79m) below TOC
Water elevation: 148.02 ft (45.12m) msl

Time: 14:17

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 79.65 ft (24.28m) below TOC
Water elevation: 149.65 ft (45.61m) msl

Time: 8:28

WELL LFW 36R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 23.63 ft (7.20m) below TOC
Water elevation: 142.57 ft (43.46m) msl

Time: 14:17

WELL LFW 41R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 28.61 ft (8.72m) below TOC
Water elevation: 141.09 ft (43.00m) msl

Time: 14:18

WELL LFW 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 40.1 ft (12.22m) below TOC
Water elevation: 162.9 ft (49.65m) msl

Time: 14:19

WELL LFW 43C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 39.69 ft (12.07m) below TOC
Water elevation: 163 ft (49.68m) msl

Time: 14:19

WELL LFW 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 39.69 ft (12.10m) below TOC
Water elevation: 163.21 ft (49.75m) msl

Time: 14:20

WELL LFW 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 15.98 ft (4.87m) below TOC
Water elevation: 150.32 ft (45.82m) msl

Time: 14:20

WELL LFW 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 14.05 ft (4.28m) below TOC
Water elevation: 147.65 ft (45.00m) msl

Time: 14:21

WELL LFW 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 14.03 ft (4.28m) below TOC
Water elevation: 144.07 ft (43.91m) msl

Time: 14:21

WELL LFW 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 27.08 ft (8.25m) below TOC
Water elevation: 140.52 ft (42.83m) msl

Time: 14:22

WELL LFW 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 26.18 ft (7.98m) below TOC
Water elevation: 141.42 ft (43.11m) msl

Time: 14:23

WELL LFW 60C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 20.59 ft (6.28m) below TOC
Water elevation: 136.61 ft (41.64m) msl

Time: 14:23

WELL LFW 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 20.08 ft (6.12m) below TOC
Water elevation: 137.02 ft (41.76m) msl

Time: 14:23

WELL LFW 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 26.34 ft (8.03m) below TOC
Water elevation: 141.96 ft (43.27m) msl

Time: 14:24

WELL LFW 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 23.26 ft (7.09m) below TOC
Water elevation: 141.54 ft (43.14m) msl

Time: 14:24

WELL LFW 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 29 ft (8.84m) below TOC
Water elevation: 138.8 ft (42.31m) msl

Time: 14:24

WELL LFW 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 29.33 ft (8.94m) below TOC
Water elevation: 138.77 ft (42.30m) msl

Time: 14:25

WELL LFW 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 29.22 ft (8.91m) below TOC
Water elevation: 139.08 ft (42.39m) msl

Time: 14:25

WELL LFW 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 12.59 ft (3.84m) below TOC
Water elevation: 139.61 ft (42.55m) msl

Time: 14:25

WELL LFW 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 13.26 ft (4.04m) below TOC
Water elevation: 138.94 ft (42.35m) msl

Time: 14:26

WELL LFW 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 11.65 ft (3.55m) below TOC
Water elevation: 136.55 ft (41.62m) msl

Time: 14:26

WELL LFW 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: Not available
Water elevation: Not available

Time: 3:40

WELL LFW 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: Not available
Water elevation: Not available

Time: 3:10

WELL LFW 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 11.77 ft (3.59m) below TOC
Water elevation: 136.43 ft (41.58m) msl

Time: 14:26

WELL LFW 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 11.99 ft (3.65m) below TOC
Water elevation: 136.41 ft (41.58m) msl

Time: 14:27

WELL LFW 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 19.46 ft (5.93m) below TOC
Water elevation: 138.24 ft (42.14m) msl

Time: 14:27

WELL LFW 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 20.3 ft (6.19m) below TOC
Water elevation: 137.4 ft (41.88m) msl

Time: 14:27

WELL LFW 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 21.22 ft (6.47m) below TOC
Water elevation: 140.18 ft (42.73m) msl

Time: 14:29

WELL LFW 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 18.68 ft (5.69m) below TOC
Water elevation: 142.72 ft (43.50m) msl

Time: 14:28

WELL LFW 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 8.9 ft (2.71m) below TOC
Water elevation: 137.1 ft (41.79m) msl

Time: 14:28

WELL LFW 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 9.53 ft (2.90m) below TOC
Water elevation: 136.57 ft (41.63m) msl

Time: 14:29

WELL LFW 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 10.47 ft (3.19m) below TOC
Water elevation: 136.53 ft (41.61m) msl

Time: 14:29

WELL LFW 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 10.87 ft (3.31m) below TOC
Water elevation: 136.33 ft (41.55m) msl

Time: 14:30

WELL LFW 71D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 11.93 ft (3.64m) below TOC
Water elevation: 135.47 ft (41.29m) msl

Time: 14:30

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 106.63 ft (32.50m) below TOC
Water elevation: 221.77 ft (67.60m) msl

Time: 15:59

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 146.47 ft (44.64m) below TOC
Water elevation: 192.63 ft (58.71m) msl

Time: 15:46

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 138.79 ft (42.30m) below TOC
Water elevation: 193.31 ft (58.92m) msl

Time: 15:53

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 146 ft (44.50m) below TOC
Water elevation: 191.7 ft (58.43m) msl

Time: 15:48

WELL MCB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 121.82 ft (37.13m) below TOC
Water elevation: 221.08 ft (67.39m) msl

Time: 15:50

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 147.69 ft (45.02m) below TOC
Water elevation: 207.11 ft (63.13m) msl

Time: 10:31

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 141.13 ft (43.02m) below TOC
Water elevation: 213.97 ft (65.22m) msl

Time: 10:33

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 139.26 ft (42.45m) below TOC
Water elevation: 215.64 ft (65.73m) msl

Time: 10:33

WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 127.19 ft (38.77m) below TOC
Water elevation: 227.61 ft (69.38m) msl

Time: 10:30

WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 145.68 ft (44.40m) below TOC
Water elevation: 208.92 ft (63.68m) msl

Time: 10:47

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 139.59 ft (42.55m) below TOC
Water elevation: 215.11 ft (65.57m) msl

Time: 10:48

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 125.57 ft (38.27m) below TOC
Water elevation: 228.23 ft (69.57m) msl

Time: 10:46

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: Not available
Water elevation: Not available

Time: 10:56

WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 144.33 ft (43.99m) below TOC
Water elevation: 216.47 ft (65.98m) msl

Time: 10:55

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 149.43 ft (45.55m) below TOC
Water elevation: 205.87 ft (62.75m) msl

Time: 10:22

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 142.5 ft (43.43m) below TOC
Water elevation: 212.7 ft (64.83m) msl

Time: 10:21

WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 128.81 ft (39.26m) below TOC
Water elevation: 226.69 ft (69.10m) msl

Time: 10:24

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: Not available
Water elevation: Not available

Time: 11:22

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 124.77 ft (42.64m) below TOC
Water elevation: 205.11 ft (62.52m) msl

Time: 11:21

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 124.77 ft (38.03m) below TOC
Water elevation: 220.43 ft (67.19m) msl

Time: 11:21

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 119.06 ft (36.29m) below TOC
Water elevation: 224.74 ft (68.50m) msl

Time: 11:32

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 139.8 ft (42.61m) below TOC
Water elevation: 204.1 ft (62.21m) msl

Time: 11:32

WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 122.73 ft (37.41m) below TOC
Water elevation: 221.07 ft (67.38m) msl

Time: 11:33

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 118.4 ft (36.09m) below TOC
Water elevation: 225.9 ft (68.86m) msl

Time: 11:40

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 139.47 ft (42.51m) below TOC
Water elevation: 204.63 ft (62.37m) msl

Time: 11:39

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 124.42 ft (37.92m) below TOC
Water elevation: 220.08 ft (67.08m) msl

Time: 11:39

WELL MSB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 117.98 ft (35.96m) below TOC
Water elevation: 221.42 ft (67.49m) msl

Time: 7:38

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: Not available
Water elevation: Not available

Time: 11:49

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 135.02 ft (41.15m) below TOC
Water elevation: 208.88 ft (63.67m) msl

Time: 7:39

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 132.52 ft (40.39m) below TOC
Water elevation: 211.48 ft (64.46m) msl

Time: 7:40

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 151.52 ft (46.18m) below TOC
Water elevation: 207.58 ft (63.27m) msl

Time: 10:18

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 132.31 ft (40.33m) below TOC
Water elevation: 226.99 ft (69.19m) msl

Time: 10:18

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: Not available
Water elevation: Not available

Time: 10:18

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 149.28 ft (45.50m) below TOC
Water elevation: 207.92 ft (63.37m) msl

Time: 11:59

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 147.09 ft (44.83m) below TOC
Water elevation: 210.51 ft (64.16m) msl

Time: 12:02

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 130.61 ft (39.81m) below TOC
Water elevation: 226.49 ft (69.03m) msl

Time: 12:00

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 156.09 ft (47.58m) below TOC
Water elevation: 209.31 ft (63.80m) msl

Time: 17:31

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 151.24 ft (46.10m) below TOC
Water elevation: 214.16 ft (65.28m) msl

Time: 17:31

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 148.68 ft (45.32m) below TOC
Water elevation: 216.82 ft (66.09m) msl

Time: 17:30

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 138.73 ft (42.29m) below TOC
Water elevation: 227.07 ft (69.21m) msl

Time: 17:30

WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: Not available
Water elevation: Not available

Time: 17:30

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 138.19 ft (42.12m) below TOC
Water elevation: 227.41 ft (69.32m) msl

Time: 17:31

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 143.3 ft (43.68m) below TOC
Water elevation: 206.4 ft (62.91m) msl

Time: 12:07

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 134.23 ft (40.91m) below TOC
Water elevation: 216.07 ft (65.86m) msl

Time: 12:06

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 158.7 ft (48.37m) below TOC
Water elevation: 191.3 ft (58.31m) msl

Time: 12:07

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 141.86 ft (43.24m) below TOC
Water elevation: 204.84 ft (62.44m) msl

Time: 11:15

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 117.35 ft (35.77m) below TOC
Water elevation: 229.75 ft (70.03m) msl

Time: 11:13

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 124.89 ft (38.07m) below TOC
Water elevation: 222.01 ft (67.67m) msl

Time: 11:16

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 121.91 ft (37.16m) below TOC
Water elevation: 225.69 ft (68.79m) msl

Time: 11:13

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 135.45 ft (41.29m) below TOC
Water elevation: 213.25 ft (65.00m) msl

Time: 10:37

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 133.9 ft (40.81m) below TOC
Water elevation: 215 ft (65.53m) msl

Time: 10:38

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 116.98 ft (35.66m) below TOC
Water elevation: 232.22 ft (70.78m) msl

Time: 10:39

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 150.89 ft (45.99m) below TOC
Water elevation: 216.81 ft (66.08m) msl

Time: 17:29

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 158.93 ft (48.44m) below TOC
Water elevation: 210.27 ft (64.09m) msl

Time: 17:29

WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 123.51 ft (37.65m) below TOC
Water elevation: 243.19 ft (74.13m) msl

Time: 17:28

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 131.3 ft (40.02m) below TOC
Water elevation: 237.2 ft (72.30m) msl

Time: 17:29

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 151.81 ft (46.27m) below TOC
Water elevation: 215.69 ft (65.74m) msl

Time: 17:27

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 140.08 ft (42.70m) below TOC
Water elevation: 227.52 ft (69.35m) msl

Time: 17:27

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 135.88 ft (41.42m) below TOC
Water elevation: 223.32 ft (68.07m) msl

Time: 12:12

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 149.15 ft (45.46m) below TOC
Water elevation: 209.85 ft (63.96m) msl

Time: 12:12

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 131.89 ft (40.20m) below TOC
Water elevation: 210.01 ft (64.01m) msl

Time: 15:14

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 122.4 ft (37.31m) below TOC
Water elevation: 219.7 ft (66.97m) msl

Time: 15:14

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 86.36 ft (26.32m) below TOC
Water elevation: 214.04 ft (65.24m) msl

Time: 17:42

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 68.43 ft (20.86m) below TOC
Water elevation: 232.37 ft (70.83m) msl

Time: 17:42

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 139.3 ft (42.46m) below TOC
Water elevation: 216 ft (65.84m) msl

Time: 13:21

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 129.79 ft (39.56m) below TOC
Water elevation: 224.91 ft (68.55m) msl

Time: 13:22

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 136.79 ft (41.69m) below TOC
Water elevation: 218.01 ft (66.45m) msl

Time: 13:27

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 137.65 ft (41.96m) below TOC
Water elevation: 217.35 ft (66.25m) msl

Time: 13:30

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 127.98 ft (39.01m) below TOC
Water elevation: 226.82 ft (69.14m) msl

Time: 13:28

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 162.85 ft (49.64m) below TOC
Water elevation: 191.75 ft (58.45m) msl

Time: 13:27

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: Not available
Water elevation: Not available

Time: 7:55

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 174.14 ft (53.08m) below TOC
Water elevation: 198.76 ft (60.58m) msl

Time: 7:56

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
 Depth to water: 147 ft (44.81m) below TOC
 Water elevation: 233.2 ft (71.08m) msl

Time: 17:24

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
 Depth to water: 160.06 ft (48.79m) below TOC
 Water elevation: 221.54 ft (67.53m) msl

Time: 17:24

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
 Depth to water: Not available
 Water elevation: Not available

Time: 17:22

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
 Depth to water: 154.18 ft (46.99m) below TOC
 Water elevation: 212.22 ft (64.69m) msl

Time: 17:23

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
 Depth to water: 133.41 ft (40.66m) below TOC
 Water elevation: 228.29 ft (69.58m) msl

Time: 15:22

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
 Depth to water: 145.6 ft (44.38m) below TOC
 Water elevation: 216.2 ft (65.90m) msl

Time: 15:21

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
 Depth to water: 147.68 ft (45.01m) below TOC
 Water elevation: 215.12 ft (65.57m) msl

Time: 15:23

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
 Depth to water: 149.25 ft (45.49m) below TOC
 Water elevation: 226.25 ft (68.96m) msl

Time: 17:26

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
 Depth to water: 178.26 ft (54.33m) below TOC
 Water elevation: 196.94 ft (60.03m) msl

Time: 17:26

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
 Depth to water: 154.88 ft (47.21m) below TOC
 Water elevation: 221.92 ft (67.64m) msl

Time: 17:27

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
 Depth to water: 178.27 ft (54.34m) below TOC
 Water elevation: 198.33 ft (60.45m) msl

Time: 17:27

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
 Depth to water: 127.28 ft (38.80m) below TOC
 Water elevation: 227.52 ft (69.35m) msl

Time: 13:37

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
 Depth to water: 134.2 ft (40.90m) below TOC
 Water elevation: 220.8 ft (67.30m) msl

Time: 13:39

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
 Depth to water: 148.2 ft (45.17m) below TOC
 Water elevation: 217 ft (66.14m) msl

Time: 5:30

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
 Depth to water: 143.68 ft (43.79m) below TOC
 Water elevation: 221.32 ft (67.46m) msl

Time: 5:33

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
 Depth to water: 137.5 ft (41.91m) below TOC
 Water elevation: 227.5 ft (69.34m) msl

Time: 5:39

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 135.2 ft (41.21m) below TOC
Water elevation: 229.7 ft (70.01m) msl

Time: 5:32

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 155.34 ft (47.35m) below TOC
Water elevation: 209.66 ft (63.91m) msl

Time: 5:29

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 158.2 ft (48.43m) below TOC
Water elevation: 196.1 ft (59.77m) msl

Time: 13:48

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 131.6 ft (40.11m) below TOC
Water elevation: 221.4 ft (67.48m) msl

Time: 13:44

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 131.01 ft (39.93m) below TOC
Water elevation: 222.49 ft (67.82m) msl

Time: 13:45

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 126.58 ft (38.58m) below TOC
Water elevation: 228.02 ft (69.50m) msl

Time: 13:47

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 131.69 ft (40.14m) below TOC
Water elevation: 222.31 ft (67.76m) msl

Time: 13:46

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 152.6 ft (46.51m) below TOC
Water elevation: 195.5 ft (59.59m) msl

Time: 17:38

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 138.62 ft (42.25m) below TOC
Water elevation: 209.68 ft (63.91m) msl

Time: 17:38

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 118.05 ft (35.98m) below TOC
Water elevation: 230.05 ft (70.12m) msl

Time: 17:38

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 138.57 ft (42.24m) below TOC
Water elevation: 210.03 ft (64.02m) msl

Time: 17:37

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 33.42 ft (10.19m) below TOC
Water elevation: 221.68 ft (67.57m) msl

Time: 17:43

WELL MSB 32B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 45.91 ft (13.99m) below TOC
Water elevation: 209.49 ft (63.85m) msl

Time: 17:43

WELL MSB 32C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 41.33 ft (12.60m) below TOC
Water elevation: 214.37 ft (65.34m) msl

Time: 17:43

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 40.08 ft (12.22m) below TOC
Water elevation: 215.82 ft (65.78m) msl

Time: 17:37

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 51.79 ft (15.79m) below TOC
Water elevation: 203.61 ft (62.06m) msl

Time: 17:37

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 48.94 ft (14.92m) below TOC
Water elevation: 206.06 ft (62.81m) msl

Time: 17:36

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 45.8 ft (13.96m) below TOC
Water elevation: 209.5 ft (63.86m) msl

Time: 17:36

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 61.96 ft (18.89m) below TOC
Water elevation: 193.54 ft (58.99m) msl

Time: 17:37

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 168.88 ft (51.48m) below TOC
Water elevation: 215.12 ft (65.57m) msl

Time: 17:50

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 160.72 ft (48.99m) below TOC
Water elevation: 223.28 ft (68.06m) msl

Time: 17:50

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: Not available
Water elevation: Not available

Time: 17:49

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 183.7 ft (56.04m) below TOC
Water elevation: 199.53 ft (60.82m) msl

Time: 17:49

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 183.7 ft (55.99m) below TOC
Water elevation: 199.9 ft (60.93m) msl

Time: 17:49

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 137.01 ft (41.76m) below TOC
Water elevation: 213.89 ft (65.19m) msl

Time: 17:40

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 135.18 ft (41.20m) below TOC
Water elevation: 216.42 ft (65.97m) msl

Time: 17:40

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 113.49 ft (34.59m) below TOC
Water elevation: 238.41 ft (72.67m) msl

Time: 17:40

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 152.88 ft (46.60m) below TOC
Water elevation: 197.42 ft (60.17m) msl

Time: 17:41

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 132.94 ft (40.52m) below TOC
Water elevation: 207.66 ft (63.30m) msl

Time: 17:36

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 128.86 ft (39.28m) below TOC
Water elevation: 211.94 ft (64.60m) msl

Time: 17:35

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 128.96 ft (39.31m) below TOC
Water elevation: 211.94 ft (64.60m) msl

Time: 17:35

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 109.87 ft (33.49m) below TOC
Water elevation: 231.73 ft (70.63m) msl

Time: 17:35

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:36
 Depth to water: 147.81 ft (45.05m) below TOC
 Water elevation: 192.79 ft (58.76m) msl

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:48
 Depth to water: 178.44 ft (54.39m) below TOC
 Water elevation: 204.56 ft (62.35m) msl

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:48
 Depth to water: 166.72 ft (50.82m) below TOC
 Water elevation: 215.98 ft (65.83m) msl

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:48
 Depth to water: 158.29 ft (48.25m) below TOC
 Water elevation: 224.71 ft (68.49m) msl

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:49
 Depth to water: 154.26 ft (47.02m) below TOC
 Water elevation: 228.44 ft (69.63m) msl

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:48
 Depth to water: 177.94 ft (54.24m) below TOC
 Water elevation: 204.36 ft (62.29m) msl

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:21
 Depth to water: 147.07 ft (44.83m) below TOC
 Water elevation: 211.93 ft (64.60m) msl

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:21
 Depth to water: 143.53 ft (43.75m) below TOC
 Water elevation: 215.27 ft (65.62m) msl

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:22
 Depth to water: Not available
 Water elevation: Not available

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:22
 Depth to water: 163.68 ft (49.89m) below TOC
 Water elevation: 195.42 ft (59.56m) msl

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 15:34
 Depth to water: 134.96 ft (41.14m) below TOC
 Water elevation: 206.64 ft (62.98m) msl

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 15:34
 Depth to water: 132.5 ft (40.39m) below TOC
 Water elevation: 209.3 ft (63.80m) msl

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:32
 Depth to water: 128.64 ft (39.21m) below TOC
 Water elevation: 212.86 ft (64.88m) msl

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:32
 Depth to water: 112.58 ft (34.31m) below TOC
 Water elevation: 229.22 ft (69.87m) msl

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 15:33
 Depth to water: 151.2 ft (46.09m) below TOC
 Water elevation: 190.6 ft (58.10m) msl

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00 Time: 17:33
 Depth to water: 120.17 ft (36.63m) below TOC
 Water elevation: 201.03 ft (61.27m) msl

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 119.11 ft (36.31m) below TOC
Water elevation: 202.59 ft (61.75m) msl

Time: 17:33

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 118.7 ft (36.18m) below TOC
Water elevation: 203.3 ft (61.97m) msl

Time: 17:32

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 97.29 ft (29.65m) below TOC
Water elevation: 225.61 ft (68.77m) msl

Time: 17:32

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 133 ft (40.54m) below TOC
Water elevation: 187.9 ft (57.27m) msl

Time: 17:33

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 108.82 ft (33.17m) below TOC
Water elevation: 214.98 ft (65.53m) msl

Time: 17:44

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 108.91 ft (33.20m) below TOC
Water elevation: 215.09 ft (65.56m) msl

Time: 17:44

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 109.07 ft (33.24m) below TOC
Water elevation: 215.53 ft (65.69m) msl

Time: 17:45

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 84.04 ft (25.62m) below TOC
Water elevation: 240.96 ft (73.45m) msl

Time: 17:45

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 119.23 ft (36.34m) below TOC
Water elevation: 204.47 ft (62.32m) msl

Time: 17:44

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 158.96 ft (48.45m) below TOC
Water elevation: 217.54 ft (66.31m) msl

Time: 8:55

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 152.63 ft (46.52m) below TOC
Water elevation: 223.77 ft (68.21m) msl

Time: 8:55

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 147.05 ft (44.82m) below TOC
Water elevation: 229.35 ft (69.91m) msl

Time: 8:56

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 145.96 ft (44.49m) below TOC
Water elevation: 230.44 ft (70.24m) msl

Time: 8:56

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 171.82 ft (52.37m) below TOC
Water elevation: 204.78 ft (62.42m) msl

Time: 8:55

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 131.17 ft (39.98m) below TOC
Water elevation: 226.53 ft (69.05m) msl

Time: 5:45

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 131.09 ft (39.96m) below TOC
Water elevation: 226.71 ft (69.10m) msl

Time: 5:47

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 129.07 ft (39.34m) below TOC
Water elevation: 228.93 ft (69.78m) msl

Time: 5:49

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 156.72 ft (47.77m) below TOC
Water elevation: 200.78 ft (61.20m) msl

Time: 5:43

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 162.08 ft (49.40m) below TOC
Water elevation: 214.82 ft (65.48m) msl

Time: 17:47

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 156.08 ft (47.57m) below TOC
Water elevation: 220.92 ft (67.34m) msl

Time: 17:47

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 147.25 ft (44.88m) below TOC
Water elevation: 229.55 ft (69.97m) msl

Time: 17:48

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 168.3 ft (51.30m) below TOC
Water elevation: 212.5 ft (64.77m) msl

Time: 17:19

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 159.17 ft (48.52m) below TOC
Water elevation: 221.73 ft (67.58m) msl

Time: 17:19

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: Not available
Water elevation: Not available

Time: 17:20

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 160.1 ft (48.80m) below TOC
Water elevation: 212.5 ft (64.77m) msl

Time: 17:46

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 147.83 ft (45.06m) below TOC
Water elevation: 225.77 ft (68.82m) msl

Time: 17:47

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: Not available
Water elevation: Not available

Time: 17:47

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 146.86 ft (44.76m) below TOC
Water elevation: 221.84 ft (67.62m) msl

Time: 7:08

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 139.36 ft (42.48m) below TOC
Water elevation: 229.64 ft (70.00m) msl

Time: 7:09

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 138.06 ft (42.08m) below TOC
Water elevation: 230.74 ft (70.33m) msl

Time: 7:11

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 155.02 ft (47.25m) below TOC
Water elevation: 213.68 ft (65.13m) msl

Time: 7:08

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 141.7 ft (43.19m) below TOC
Water elevation: 219.9 ft (67.03m) msl

Time: 7:45

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 140 ft (42.67m) below TOC
Water elevation: 221.4 ft (67.48m) msl

Time: 7:45

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 140.38 ft (42.79m) below TOC
Water elevation: 221.92 ft (67.64m) msl

Time: 7:53

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 132.31 ft (40.33m) below TOC
Water elevation: 230.29 ft (70.19m) msl

Time: 7:53

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 142.06 ft (43.30m) below TOC
Water elevation: 219.84 ft (67.01m) msl

Time: 7:53

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 139.49 ft (42.52m) below TOC
Water elevation: 195.21 ft (59.50m) msl

Time: 15:29

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 133.55 ft (40.71m) below TOC
Water elevation: 200.55 ft (61.13m) msl

Time: 15:31

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 107.96 ft (32.91m) below TOC
Water elevation: 226.34 ft (68.99m) msl

Time: 15:31

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 22.48 ft (6.85m) below TOC
Water elevation: 201.22 ft (61.33m) msl

Time: 8:01

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 59.62 ft (18.17m) below TOC
Water elevation: 203.58 ft (62.05m) msl

Time: 7:57

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 53.39 ft (16.27m) below TOC
Water elevation: 208.81 ft (63.65m) msl

Time: 7:58

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 104.88 ft (31.97m) below TOC
Water elevation: 216.82 ft (66.09m) msl

Time: 17:43

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 86.94 ft (26.50m) below TOC
Water elevation: 234.66 ft (71.53m) msl

Time: 17:43

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 124.82 ft (38.05m) below TOC
Water elevation: 219.48 ft (66.90m) msl

Time: 7:58

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 113.87 ft (34.71m) below TOC
Water elevation: 231.33 ft (70.51m) msl

Time: 7:59

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 124.8 ft (38.04m) below TOC
Water elevation: 220 ft (67.06m) msl

Time: 7:59

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 153.67 ft (46.84m) below TOC
Water elevation: 219.73 ft (66.97m) msl

Time: 7:44

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 149.32 ft (45.51m) below TOC
Water elevation: 224.08 ft (68.30m) msl

Time: 7:45

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 142.87 ft (43.55m) below TOC
Water elevation: 230.73 ft (70.33m) msl

Time: 7:44

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 156.24 ft (47.62m) below TOC
Water elevation: 217.26 ft (66.22m) msl

Time: 7:44

WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 149.44 ft (45.55m) below TOC
Water elevation: 219.26 ft (66.83m) msl

Time: 7:43

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 142.71 ft (43.50m) below TOC
Water elevation: 226.69 ft (69.10m) msl

Time: 7:42

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: Not available
Water elevation: Not available

Time: 7:43

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 138.34 ft (42.17m) below TOC
Water elevation: 230.36 ft (70.21m) msl

Time: 7:42

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 156.8 ft (47.79m) below TOC
Water elevation: 211.9 ft (64.59m) msl

Time: 7:42

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 59.98 ft (18.28m) below TOC
Water elevation: 219.52 ft (66.91m) msl

Time: 8:01

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 127.9 ft (38.98m) below TOC
Water elevation: 228.3 ft (69.59m) msl

Time: 10:43

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 130.02 ft (39.63m) below TOC
Water elevation: 227.88 ft (69.46m) msl

Time: 10:51

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 132.14 ft (40.28m) below TOC
Water elevation: 227.16 ft (69.24m) msl

Time: 10:58

WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 127.13 ft (38.75m) below TOC
Water elevation: 227.37 ft (69.30m) msl

Time: 10:26

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 142.66 ft (43.48m) below TOC
Water elevation: 206.44 ft (62.92m) msl

Time: 11:09

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 128.53 ft (39.18m) below TOC
Water elevation: 220.57 ft (67.23m) msl

Time: 11:03

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 122.98 ft (37.48m) below TOC
Water elevation: 226.52 ft (69.04m) msl

Time: 11:02

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 140.43 ft (42.80m) below TOC
Water elevation: 206.47 ft (62.93m) msl

Time: 11:53

WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 129.15 ft (39.37m) below TOC
Water elevation: 217.85 ft (66.40m) msl

Time: 11:52

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 119.85 ft (36.53m) below TOC
Water elevation: 226.95 ft (69.18m) msl

Time: 11:52

WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 142.86 ft (43.54m) below TOC
Water elevation: 205.44 ft (62.62m) msl

Time: 11:26

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 128.19 ft (39.07m) below TOC
Water elevation: 220.21 ft (67.12m) msl

Time: 11:27

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 123.86 ft (37.75m) below TOC
Water elevation: 224.74 ft (68.50m) msl

Time: 11:28

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: Not available
Water elevation: Not available

Time: 7:57

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 167.49 ft (51.05m) below TOC
Water elevation: 215.91 ft (65.81m) msl

Time: 7:07

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 158.04 ft (48.17m) below TOC
Water elevation: 225.36 ft (68.69m) msl

Time: 7:07

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 116.99 ft (35.66m) below TOC
Water elevation: 266.21 ft (81.14m) msl

Time: 7:06

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 178.84 ft (54.51m) below TOC
Water elevation: 203.86 ft (62.14m) msl

Time: 7:07

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: Not available
Water elevation: Not available

Time: 7:06

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 141 ft (42.98m) below TOC
Water elevation: 215.9 ft (65.81m) msl

Time: 7:05

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 135.37 ft (41.26m) below TOC
Water elevation: 221.33 ft (67.46m) msl

Time: 7:04

WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 121.1 ft (36.91m) below TOC
Water elevation: 235.9 ft (71.90m) msl

Time: 7:05

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 163.48 ft (49.83m) below TOC
Water elevation: 218.02 ft (66.45m) msl

Time: 8:00

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 156.98 ft (47.85m) below TOC
Water elevation: 224.62 ft (68.47m) msl

Time: 8:00

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 151.22 ft (46.09m) below TOC
Water elevation: 230.78 ft (70.34m) msl

Time: 8:00

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 168.5 ft (51.36m) below TOC
Water elevation: 212.9 ft (64.89m) msl

Time: 7:59

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 143.28 ft (43.67m) below TOC
Water elevation: 218.52 ft (66.61m) msl

Time: 12:16

WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 146.48 ft (44.65m) below TOC
Water elevation: 215.72 ft (65.75m) msl

Time: 12:17

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 129.92 ft (39.60m) below TOC
Water elevation: 214.78 ft (65.47m) msl

Time: 8:11

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 130.02 ft (39.63m) below TOC
Water elevation: 198.18 ft (60.41m) msl

Time: 8:10

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 145 ft (44.20m) below TOC
Water elevation: 194.6 ft (59.31m) msl

Time: 15:35

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 105.53 ft (32.17m) below TOC
Water elevation: 208.97 ft (63.69m) msl

Time: 17:35

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 106.16 ft (32.36m) below TOC
Water elevation: 208.84 ft (63.66m) msl

Time: 17:34

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 85.9 ft (26.18m) below TOC
Water elevation: 229.2 ft (69.86m) msl

Time: 17:34

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 119.08 ft (36.30m) below TOC
Water elevation: 207.62 ft (63.28m) msl

Time: 17:34

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 120.08 ft (36.60m) below TOC
Water elevation: 207.42 ft (63.22m) msl

Time: 17:34

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 133.89 ft (40.81m) below TOC
Water elevation: 218.51 ft (66.60m) msl

Time: 12:33

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 138.5 ft (42.22m) below TOC
Water elevation: 218.7 ft (66.66m) msl

Time: 17:45

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 136.04 ft (41.47m) below TOC
Water elevation: 221.16 ft (67.41m) msl

Time: 17:51

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 126.25 ft (38.48m) below TOC
Water elevation: 231.15 ft (70.46m) msl

Time: 17:46

WELL MSB 77TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 138.17 ft (42.11m) below TOC
Water elevation: 218.73 ft (66.67m) msl

Time: 17:45

WELL MSB 78DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 142.46 ft (43.42m) below TOC
Water elevation: 221.24 ft (67.43m) msl

Time: 12:24

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 142.8 ft (43.53m) below TOC
Water elevation: 205.1 ft (62.52m) msl

Time: 15:28

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 140.35 ft (42.78m) below TOC
Water elevation: 207.45 ft (63.23m) msl

Time: 15:35

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 48.99 ft (14.93m) below TOC
Water elevation: 218.01 ft (66.45m) msl

Time: 17:46

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 156.13 ft (47.59m) below TOC
Water elevation: 218.17 ft (66.50m) msl

Time: 8:39

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 157.1 ft (47.88m) below TOC
Water elevation: 217.1 ft (66.17m) msl

Time: 8:41

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 148.87 ft (45.38m) below TOC
Water elevation: 225.03 ft (68.59m) msl

Time: 8:36

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 143.2 ft (43.65m) below TOC
Water elevation: 230.4 ft (70.23m) msl

Time: 8:35

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 161.8 ft (49.32m) below TOC
Water elevation: 211.9 ft (64.59m) msl

Time: 8:38

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 152.45 ft (46.47m) below TOC
Water elevation: 219.35 ft (66.86m) msl

Time: 9:01

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 146.4 ft (44.62m) below TOC
Water elevation: 225.6 ft (68.76m) msl

Time: 8:57

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 140.77 ft (42.91m) below TOC
Water elevation: 230.83 ft (70.36m) msl

Time: 8:58

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 158.3 ft (48.25m) below TOC
Water elevation: 213.4 ft (65.05m) msl

Time: 9:00

WELL MSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 143.68 ft (43.79m) below TOC
Water elevation: 217.82 ft (66.39m) msl

Time: 7:40

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 134.7 ft (41.06m) below TOC
Water elevation: 227.2 ft (69.25m) msl

Time: 7:40

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 161.58 ft (49.25m) below TOC
Water elevation: 218.72 ft (66.67m) msl

Time: 8:48

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 159.04 ft (48.48m) below TOC
Water elevation: 221.86 ft (67.62m) msl

Time: 8:50

WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 150.49 ft (45.87m) below TOC
Water elevation: 230.31 ft (70.20m) msl

Time: 8:46

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
Depth to water: 162.26 ft (49.46m) below TOC
Water elevation: 218.14 ft (66.49m) msl

Time: 8:49

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 133.99 ft (40.84m) below TOC
Water elevation: 223.01 ft (67.97m) msl

Time: 8:09

WELL MSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 126.1 ft (38.44m) below TOC
Water elevation: 209.9 ft (63.98m) msl

Time: 17:41

WELL MSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: Not available
Water elevation: Not available

Time: 17:41

WELL MSB 88B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 38.41 ft (11.71m) below TOC
Water elevation: 199.69 ft (60.87m) msl

Time: 8:09

WELL MSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 35.03 ft (10.68m) below TOC
Water elevation: 202.17 ft (61.62m) msl

Time: 8:10

WELL MSB 89B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 134.31 ft (40.94m) below TOC
Water elevation: 205.09 ft (62.51m) msl

Time: 15:31

WELL MSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/24/00
Depth to water: 112.66 ft (34.34m) below TOC
Water elevation: 227.14 ft (69.23m) msl

Time: 15:32

WELL MSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 116.4 ft (35.48m) below TOC
Water elevation: Not available

Time: 7:54

WELL MSB 90TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 140.07 ft (42.69m) below TOC
Water elevation: Not available

Time: 7:54

WELL MSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 106.89 ft (32.58m) below TOC
Water elevation: Not available

Time: 7:41

WELL MSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
Depth to water: 112.47 ft (34.28m) below TOC
Water elevation: Not available

Time: 7:55

WELL RGW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 98.48 ft (30.02m) below TOC
Water elevation: 187.22 ft (57.07m) msl

Time: 14:13

WELL RGW 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 89.4 ft (27.25m) below TOC
Water elevation: 195.9 ft (59.71m) msl

Time: 14:13

WELL RGW 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 70.96 ft (21.63m) below TOC
Water elevation: 222.04 ft (67.68m) msl

Time: 15:30

WELL RGW 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 71.24 ft (21.71m) below TOC
Water elevation: 222.06 ft (67.68m) msl

Time: 15:34

WELL SRW 1BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 111.87 ft (34.10m) below TOC
Water elevation: 204.43 ft (62.31m) msl

Time: 16:20

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 109.31 ft (33.32m) below TOC
Water elevation: 211.29 ft (64.40m) msl

Time: 13:11

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 117.06 ft (35.68m) below TOC
Water elevation: 203.54 ft (62.04m) msl

Time: 13:15

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: Not available
Water elevation: 320.6 ft (97.72m) msl

Time: 16:16

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: Not available
Water elevation: 332.1 ft (101.23m) msl

Time: 13:06

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 121.13 ft (36.92m) below TOC
Water elevation: 210.97 ft (64.30m) msl

Time: 16:08

WELL SRW 3BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 126.76 ft (38.64m) below TOC
Water elevation: 205.54 ft (62.65m) msl

Time: 13:08

WELL SRW 4BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 116.37 ft (35.47m) below TOC
Water elevation: 204.23 ft (62.25m) msl

Time: 16:33

WELL SRW 8BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 88.56 ft (26.99m) below TOC
Water elevation: 200.94 ft (61.25m) msl

Time: 17:01

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 52.3 ft (15.94m) below TOC
Water elevation: 201.1 ft (61.30m) msl

Time: 17:16

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 57.69 ft (17.58m) below TOC
Water elevation: 195.61 ft (59.62m) msl

Time: 17:14

WELL SRW 10BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 100.57 ft (30.65m) below TOC
Water elevation: 202.23 ft (61.64m) msl

Time: 16:25

WELL SRW 11BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 93.98 ft (28.65m) below TOC
Water elevation: 202.52 ft (61.73m) msl

Time: 17:40

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 45.89 ft (13.99m) below TOC
Water elevation: 190.41 ft (58.04m) msl

Time: 17:07

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 45.13 ft (13.76m) below TOC
Water elevation: 191.17 ft (58.27m) msl

Time: 17:08

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 99.41 ft (30.30m) below TOC
Water elevation: 198.29 ft (60.44m) msl

Time: 17:31

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 97.42 ft (29.69m) below TOC
Water elevation: 200.28 ft (61.05m) msl

Time: 17:30

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 90.64 ft (27.63m) below TOC
Water elevation: 207.06 ft (63.11m) msl

Time: 17:30

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 126.87 ft (38.67m) below TOC
Water elevation: 200.13 ft (61.00m) msl

Time: 16:54

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 124.69 ft (38.01m) below TOC
Water elevation: 202.21 ft (61.63m) msl

Time: 16:55

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 112.95 ft (34.43m) below TOC
Water elevation: 206.15 ft (62.84m) msl

Time: 16:46

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 112.66 ft (34.34m) below TOC
Water elevation: 206.44 ft (62.92m) msl

Time: 16:48

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
Depth to water: 109.18 ft (33.28m) below TOC
Water elevation: 209.92 ft (63.98m) msl

Time: 16:47

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 135.71 ft (41.36m) below TOC
Water elevation: 211.09 ft (64.34m) msl

Time: 12:44

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 134.9 ft (41.12m) below TOC
Water elevation: 211.9 ft (64.59m) msl

Time: 12:47

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 134.17 ft (40.90m) below TOC
Water elevation: 212.43 ft (64.75m) msl

Time: 12:45

WELL SRW 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/25/00
Depth to water: 141.27 ft (43.06m) below TOC
Water elevation: Not available

Time: 12:38

Appendix B. Analytical Results

This section presents the field and analytical results for all samples that were collected and underwent verification and validation during second quarter 2000. 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.

<i>Method or Analyte</i>	<i>Abbreviation</i>
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.

<i>Key to the Tables</i>	
E	exponential notation (e.g., $1.1\text{E}-09 = 1.1 \times 10^{-9} = 0.0000000011$)
EMS	EMS codes
F	Flag
FG	EPA functional guideline codes

Key to the Tables

Fibers/L	fibers per liter
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 <i>R</i> 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.

Appendix B. Analytical Results

<i>EPA STORET Codes</i>	<i>Definition</i>
C	The result is calculated.
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 <i>T</i> 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.

<i>EMS Codes</i>	<i>Definition</i>
(Blank)	Data not remarked. The analytical result is acceptable for use as reported.

Appendix B. Analytical Results

EMS Codes	Definition
A	Compound identification criteria were not met.
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 <ul style="list-style-type: none"> 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.

Appendix B. Analytical Results

EMS Codes	Definition
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 <i>A</i> if the site code is an <i>A</i> .
B	If the method code for a sample is <i>B</i> , then the sample qualifier shall include a <i>B</i> . 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 <i>Al</i> , <i>CS</i> , <i>Iron</i> , <i>SS</i> , or <i>Steel</i> . 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 <i>G</i> , then the sample qualifier shall include a <i>G</i> . 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 <i>H</i> .
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 <i>N</i> .
S	If the sample method is an <i>S</i> , then the sample qualifier shall include an <i>S</i> . 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 <i>U</i> if the stabilized field is <i>N</i> or the method code is <i>G</i> .
V	If the method code is a <i>V</i> , then the sample qualifier shall include a <i>V</i> . 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.

Appendix B. Analytical Results

Field Qualifiers	Definition
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* – 2*P*) is bicarbonate. When the smaller value is (*T* – *P*), the balance (2*P* – *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: 06/27/00
 Depth to water: 138.51 ft (42.22 m) below TOC
 Water elevation: 221.39 ft (67.48 m) msl
 pH: 6.1
 Sp. conductance: 15 µS/cm
 Turbidity: 7 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:42
 Water temperature: 22.4°C
 Air temperature: 31.4°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
2	Aluminum, total recoverable	117			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	6.11			5.00		µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Calcium, total recoverable	682			100		µg/L	GE	EPA6010B
0	Chromium, total recoverable	6.00			5.00		µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Copper, total recoverable	2.08	J	I	5.00		µg/L	GE	EPA6010B
0	Cyanide	<5.00	U		5.00		µg/L	GE	EPA9012A
2	Iron, total recoverable	511			50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Magnesium, total recoverable	242			20.0		µg/L	GE	EPA6010B
0	Manganese, total recoverable	<4.99	U	V	10.0		µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U		0.200		µg/L	GE	EPA7470A
0	Nickel, total recoverable	3.34	J	I	5.00		µg/L	GE	EPA6010B
0	Potassium, total recoverable	265			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	935			100		µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U		10.0		µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 138.51 ft (42.22 m) below TOC
 Water elevation: 221.39 ft (67.48 m) msl
 pH: 6.2
 Sp. conductance: 15 µS/cm
 Turbidity: 2 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:58
 Water temperature: 22.1°C
 Air temperature: 31.5°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
1	Aluminum, total recoverable	34.6	J	I	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	4.60	J	I	5.00		µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Calcium, total recoverable	663			100		µg/L	GE	EPA6010B
0	Chromium, total recoverable	7.34			5.00		µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Copper, total recoverable	2.37	J	I	5.00		µg/L	GE	EPA6010B
0	Cyanide	<5.00	U		5.00		µg/L	GE	EPA9012A
1	Iron, total recoverable	177			50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Magnesium, total recoverable	237			20.0		µg/L	GE	EPA6010B
0	Manganese, total recoverable	6.05	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	4.11	J	I	5.00		µg/L	GE	EPA6010B
0	Potassium, total recoverable	253			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	947			100		µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U		10.0		µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B

ESH-EMS-2000406

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 138.51 ft (42.22 m) below TOC
 Water elevation: 221.39 ft (67.48 m) msl
 pH: 6.2
 Sp. conductance: 17 µS/cm
 Turbidity: 3 NTU
 No water was evacuated from the well prior to sampling.

Time: 11:54
 Water temperature: 22.9°C
 Air temperature: 32.9°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	102			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	5.69			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	2,610			100		µg/L	GE	EPA6010B
0	Carbon tetrachloride	0.827	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Chloride	1,610			100		µg/L	GE	EPA9056
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	0.545	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chromium, total recoverable	9.60			5.00		µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<0.686	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	5.12			5.00		µg/L	GE	EPA6010B
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	Fluoride	<50.0	U		50.0		µg/L	GE	EPA9056
2	Iron, total recoverable	541			50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.86	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	543			20.0		µg/L	GE	EPA6010B
0	Manganese, total recoverable	11.5			10.0		µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U		0.200		µg/L	GE	EPA7470A
0	Nickel, total recoverable	15.1			5.00		µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	510			50.0		µg/L	GE	EPA353.1
0	PCB 1016	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1221	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1232	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1242	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1248	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1254	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1260	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	Potassium, total recoverable	292			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	1,140			100		µg/L	GE	EPA6010B
0	Sulfate	1,900			200		µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
1	Tetrachloroethylene	4.87	J	K	O	1.00	µg/L	GE	EPA8260B
2	Thallium, total recoverable	6.18	J	I	10.0		µg/L	GE	EPA6010B
0	Toluene	1.98	J	K	O	1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<40.0	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	28.6	J	K	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Uranium, total recoverable	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Zinc, total recoverable	65.1			5.00		µg/L	GE	EPA6010B
0	Gross alpha	3.62E-09±9.04E-10			7.69E-10		µCi/mL	GP	EPIA-001

B-7

Second Quarter 2000

Well ABP 1A collected on 06/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nonvolatile beta	2.55E-09±8.27E-10	J	I		1.42E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	7.44E-10±3.49E-10	J	I		3.47E-10	µCi/mL	GP	EPIA-010

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 138.51 ft (42.22 m) below TOC
 Water elevation: 221.39 ft (67.48 m) msl
 pH: 6.2
 Sp. conductance: 15 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 11:38
 Water temperature: 21.7°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	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	4.13	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	670				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	0.837	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Chloride	1.570				100	µg/L	GE	EPA9056
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	0.557	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	2.48	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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
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	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
0	Iron, total recoverable	58.6				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	229				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	<5.47	U	V		10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	540				50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1221	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1232	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1242	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1248	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1254	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1260	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	Potassium, total recoverable	248				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	899				100	µg/L	GE	EPA6010B
0	Sulfate	521				200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	5.05	J	K	O	1.00	µg/L	GE	EPA8260B
2	Thallium, total recoverable	3.96	J	I		10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<20.0	U	V		50.0	µg/L	GE	EPA365.4

ESH-EMS-2000406

Well ABP 1A collected on 06/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total phosphates (as P)	<20.0	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	30.6	J	K	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Gross alpha	3.63E-09±1.33E-09	J	I		1.43E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.79E-09±1.48E-09	J	I		2.62E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	5.06E-10±2.92E-10	J	I		3.44E-10	µCi/mL	GP	EPIA-010
0	Radium, total alpha-emitting	4.53E-10±2.90E-10	J	I		3.66E-10	µCi/mL	GP	EPIA-010

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 143.95 ft (43.88 m) below TOC
 Water elevation: 220.35 ft (67.16 m) msl
 pH: 6.5
 Sp. conductance: 13 µS/cm
 Turbidity: 27 NTU
 No water was evacuated from the well prior to sampling.

Time: 15:44
 Water temperature: 21.5°C
 Air temperature: 32.3°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
2	Aluminum, total recoverable	138				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	3.51	J	I		5.00	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	488				100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	7.38				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	1.20	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
2	Iron, total recoverable	541				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	185				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	7.80	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	5.36				5.00	µg/L	GE	EPA6010B
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	922				100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	1.29	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 143.95 ft (43.88 m) below TOC
 Water elevation: 220.35 ft (67.16 m) msl
 pH: 6.4
 Sp. conductance: 13 µS/cm
 Turbidity: 2 NTU
 No water was evacuated from the well prior to sampling.

Time: 16:06
 Water temperature: 21.6°C
 Air temperature: 32.9°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	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	2.39	J	I		5.00	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	484				100	µg/L	GE	EPA6010B

B-8

Second Quarter 2000

Well ABP 4 R collected on 06/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chromium, total recoverable	3.03	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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Iron, total recoverable	54.2				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	183				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	<2.61	U	V		10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Potassium, total recoverable	185				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	939				100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 143.95 ft (43.88 m) below TOC
 Water elevation: 220.35 ft (67.16 m) msl
 pH: 6.1
 Sp. conductance: 16 µS/cm
 Turbidity: 5 NTU
 No water was evacuated from the well prior to sampling.

Time: 16:47
 Water temperature: 22.2°C
 Air temperature: 33.7°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	101				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	2.97	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	512				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	1.18	J	K	O	1.00	µg/L	GE	EPA8260B
0	Chloride	1,620				100	µg/L	GE	EPA9056
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	0.469	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	11.6				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	2.20	J	I		5.00	µg/L	GE	EPA6010B
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	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
2	Iron, total recoverable	537				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<3.71	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	550				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	11.8				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	7.31				5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	240				50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1221	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1232	<0.0971	U			0.0971	µg/L	GE	EPA8082

ESH-EMS-2000406

Well ABP 4 collected on 06/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1242	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1248	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1254	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1260	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	Potassium, total recoverable	171				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	927				100	µg/L	GE	EPA6010B
0	Sulfate	2,430				200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
1	Tetrachloroethylene	4.26	J	K	O	1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	16.6	J	K	O	1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<20.0	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	34.7	J	K	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	74.1				5.00	µg/L	GE	EPA6010B
0	Gross alpha	1.86E-09±6.15E-10				4.50E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.23E-09±6.31E-10	J	I		1.18E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	6.68E-10±3.54E-10	J	I		3.91E-10	µCi/mL	GP	EPIA-010

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 143.95 ft (43.88 m) below TOC
 Water elevation: 220.35 ft (67.16 m) msl
 pH: 6.4
 Sp. conductance: 12 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 16:25
 Water temperature: 20.8°C
 Air temperature: 31.3°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	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	2.36	J	I		5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	2.70				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	2.50				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	<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	<1.60	U			1.60	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	Calcium, total recoverable	516				100	µg/L	GE	EPA6010B
0	Calcium, total recoverable	505				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	468	J	I		471	µg/L	WA	EPA6010B
0	Carbon tetrachloride	1.08				1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	1,610				100	µg/L	GE	EPA9056
0	Chloride	1,690				210	µg/L	WA	EPA9056
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

B-9

Second Quarter 2000

Well ABP 4 collected on 06/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	0.442	U	I		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	2.13	U	I		5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	2.20	U			7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.80	U	I		7.00	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
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	<5.00	U			5.00	µg/L	GE	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	Cyanide	<5.00	U			5.00	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
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
0	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
0	Fluoride	<87.8	U	V		40.0	µg/L	WA	EPA340.2
0	Fluoride	<80.7	U	V		40.0	µg/L	WA	EPA340.2
0	Iron, total recoverable	27.3	U	V		50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<37.2	U	V		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<33.9	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	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	182	U			20.0	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	185	U			74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	187	U			74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	<2.82	U	V		10.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	2.50	U			7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	2.30	U			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	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	Nitrate-nitrite as nitrogen	230	U			50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	262	U			200	µg/L	WA	EPA353.2
0	Nitrate-nitrite as nitrogen	261	U			200	µg/L	WA	EPA353.2
0	PCB 1016	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1016	<1.04	U	Q		1.04	µg/L	WA	EPA8082
0	PCB 1016	<1.09	U	Q		1.09	µg/L	WA	EPA8082
0	PCB 1221	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1221	<2.08	U	Q		2.08	µg/L	WA	EPA8082
0	PCB 1221	<2.17	U	Q		2.17	µg/L	WA	EPA8082
0	PCB 1232	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1232	<1.04	U	Q		1.04	µg/L	WA	EPA8082
0	PCB 1232	<1.09	U	Q		1.09	µg/L	WA	EPA8082
0	PCB 1242	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1242	<1.04	U	Q		1.04	µg/L	WA	EPA8082
0	PCB 1242	<1.09	U	Q		1.09	µg/L	WA	EPA8082
0	PCB 1248	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1248	<1.04	U	Q		1.04	µg/L	WA	EPA8082
0	PCB 1248	<1.09	U	Q		1.09	µg/L	WA	EPA8082

ESH-EMS-2000406

Well ABP 4 collected on 06/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1254	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1254	<1.04	U	Q		1.04	µg/L	WA	EPA8082
0	PCB 1254	<1.09	U	Q		1.09	µg/L	WA	EPA8082
0	PCB 1260	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1260	<1.04	U	Q		1.04	µg/L	WA	EPA8082
0	PCB 1260	<1.09	U	Q		1.09	µg/L	WA	EPA8082
0	Potassium, total recoverable	153				100	µg/L	GE	EPA6010B
0	Potassium, total recoverable	175	J	I		187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	188				187	µg/L	WA	EPA6010B
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	<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	934				100	µg/L	GE	EPA6010B
0	Sodium, total recoverable	902				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	913				285	µg/L	WA	EPA6010B
0	Sulfate	567				200	µg/L	GE	EPA9056
0	Sulfate	330	J	I		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
1	Tetrachloroethylene	4.44				1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	5.01				5.00	µg/L	WA	EPA8260B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
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	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total phosphates (as P)	<30.0	U	V		50.0	µg/L	GE	EPA365.4
0	Total phosphates (as P)	15.2	J	I		67.0	µg/L	WA	EPA365.2
0	Total phosphates (as P)	13.3	J	I		67.0	µg/L	WA	EPA365.2
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	34.9				1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	31.5				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	Uranium, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Uranium, total recoverable	<0.000	U			0.0300	µg/L	TM	ASTMD5174M
0	Uranium, total recoverable	<0.000	U			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
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	6.10	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Gross alpha	7.06E-10±4.35E-10	J	I		5.74E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.39E-09±6.80E-10	J	I		7.80E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.12E-09±6.40E-10	J	I		7.80E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	9.31E-10±6.21E-10	U			1.23E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.30E-10±1.19E-09	U			1.81E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.70E-10±1.16E-09	U			1.81E-09	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	5.95E-10±3.06E-10	J	I		3.29E-10	µCi/mL	GP	EPIA-010
0	Radium, total alpha-emitting	1.97E-09±7.60E-10	J	I		5.40E-10	µCi/mL	TM	EPA903.0M
0	Radium, total alpha-emitting	1.65E-09±7.00E-10	J	I		6.80E-10	µCi/mL	TM	EPA903.0M

WELL ABP 4 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
Depth to water: 143.95 ft (43.88 m) below TOC
Water elevation: 220.35 ft (67.16 m) msl
pH: 6.4
Sp. conductance: 12 µS/cm
Turbidity: 1 NTU
No water was evacuated from the well prior to sampling.

Time: 16:25
Water temperature: 20.8°C
Air temperature: 31.3°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

B-10

Second Quarter 2000

Well ABP 4 collected on 06/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	2.35		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	483				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	1.12	J	K	O	1.00	µg/L	GE	EPA8260B
0	Chloride	1,610				100	µg/L	GE	EPA9056
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	0.447	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	4.39	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	<5.00	U			5.00	µg/L	GE	EPA6010B
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	Fluoride	<50.0	J			50.0	µg/L	GE	EPA9056
0	Iron, total recoverable	38.7	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	181				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	<2.98	U	V		10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	260				50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1221	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1232	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1242	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1248	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1254	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1260	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	Potassium, total recoverable	178				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	948				100	µg/L	GE	EPA6010B
0	Sulfate	520				200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	J			1.00	µg/L	GE	EPA8260B
1	Tetrachloroethylene	4.39	J	K	O	1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<50.0	U			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	35.2	J	K	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Gross alpha	2.06E-09±7.31E-10	J	I		9.52E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.09E-09±7.21E-10	U			1.45E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	6.05E-10±3.11E-10	J	I		3.35E-10	µCi/mL	GP	EPIA-010

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 120.65 ft (36.77 m) below TOC
 Water elevation: 219.15 ft (66.8 m) msl
 pH: 6.3
 Sp. conductance: 19 µS/cm
 Turbidity: 45 NTU
 No water was evacuated from the well prior to sampling.

ESH-EMS-2000406

Well ARP 3 collected on 06/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	275				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	11.6				5.00	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	504				100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	20.0				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	2.23	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	1.88	J	I		5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
2	Iron, total recoverable	876				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	412				20.0	µg/L	GE	EPA6010B
1	Manganese, total recoverable	27.4				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	11.3				5.00	µg/L	GE	EPA6010B
0	Potassium, total recoverable	193				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	1,780				100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	1.43	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 120.65 ft (36.77 m) below TOC
 Water elevation: 219.15 ft (66.8 m) msl
 pH: 6.4
 Sp. conductance: 20 µS/cm
 Turbidity: 35 NTU
 No water was evacuated from the well prior to sampling.

Time: 13:52
 Water temperature: 21.3°C
 Air temperature: 36.3°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
2	Aluminum, total recoverable	624				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	17.6				5.00	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	519				100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	43.0				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	1.41	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	2.12	J	I		5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
2	Iron, total recoverable	4,360				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	436				20.0	µg/L	GE	EPA6010B
1	Manganese, total recoverable	26.9				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	22.6				5.00	µg/L	GE	EPA6010B
0	Potassium, total recoverable	184				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	1,750				100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	2.69	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	6.39				5.00	µg/L	GE	EPA6010B

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 120.65 ft (36.77 m) below TOC
 Water elevation: 219.15 ft (66.8 m) msl
 pH: 6.1
 Sp. conductance: 27 µS/cm
 Turbidity: 33 NTU
 No water was evacuated from the well prior to sampling.

Time: 14:51
 Water temperature: 24.3°C
 Air temperature: 37.5°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
2	Aluminum, total recoverable	607				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	16.4				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	483				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	0.292	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Chloride	2,380				100	µg/L	GE	EPA9056
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	0.273	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	42.1				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	2.56	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	5.82				5.00	µg/L	GE	EPA6010B
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	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
2	Iron, total recoverable	4,070				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<2.80	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	507				20.0	µg/L	GE	EPA6010B
1	Manganese, total recoverable	43.7				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	35.0				5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	230				50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1221	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1232	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1242	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1248	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1254	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1260	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	Potassium, total recoverable	236				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	1,700				100	µg/L	GE	EPA6010B
0	Sulfate	2,590				200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	18.8	J	K	O	1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	36.9	J	K	O	1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<70.0	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	176	J	K	O	2.50	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	2.52	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	24.3				5.00	µg/L	GE	EPA6010B

ESH-EMS-2000406

Well ARP 3 collected on 06/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	4.64E-09±9.92E-10				7.37E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.70E-09±7.59E-10	J	I		1.42E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	1.05E-09±4.00E-10	J	I		3.34E-10	µCi/mL	GP	EPIA-010

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 Depth to water: 120.65 ft (36.77 m) below TOC
 Water elevation: 219.15 ft (66.8 m) msl
 pH: 6.3
 Sp. conductance: 19 µS/cm
 Turbidity: 2 NTU
 No water was evacuated from the well prior to sampling.

Time: 14:35
 Water temperature: 22.9°C
 Air temperature: 37.1°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
2	Aluminum, total recoverable	58.8				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	7.61				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	452				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	0.343	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Chloride	2,300				100	µg/L	GE	EPA9056
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	0.292	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	11.1				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	1.90	J	I		5.00	µg/L	GE	EPA6010B
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	0.721	J	IK	O	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	383				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	386				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	12.9				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	6.27				5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	310				50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.0980	JU	Q		0.0980	µg/L	GE	EPA8082
0	PCB 1221	<0.0980	JU	Q		0.0980	µg/L	GE	EPA8082
0	PCB 1232	<0.0980	JU	Q		0.0980	µg/L	GE	EPA8082
0	PCB 1242	<0.0980	JU	Q		0.0980	µg/L	GE	EPA8082
0	PCB 1248	<0.0980	JU	Q		0.0980	µg/L	GE	EPA8082
0	PCB 1254	<0.0980	JU	Q		0.0980	µg/L	GE	EPA8082
0	PCB 1260	<0.0980	JU	Q		0.0980	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	1,720				100	µg/L	GE	EPA6010B
0	Sulfate	1,260				200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Tetrachloroethylene	20.7	J	K	O	1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<20.0	U	V		50.0	µg/L	GE	EPA365.4

B-12

Second Quarter 2000

Well ARP 3 collected on 06/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	181	J	K	O	2.50	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	0.130	J			1.00	µg/L	GE	EPA8260B
0	Uranium, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Gross alpha	2.69E-09±7.94E-10				5.76E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.01E-09±7.59E-10	J	I		1.35E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	1.07E-09±4.32E-10	J	I		3.79E-10	µCi/mL	GP	EPIA-010

WELL AS 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 66.1 ft (20.15 m) below TOC
 Water elevation: Not available
 pH: 6.2
 Sp. conductance: 143 µS/cm
 Turbidity: 1000 NTU
 No water was evacuated from the well prior to sampling.

Time: 12:58
 Water temperature: 22.6°C
 Air temperature: 32.5°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	Acetone	<1,000	JU	QY		1,000	µg/L	ML	EPA8260B
0	Benzene	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Bromodichloromethane	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Bromoform	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Bromomethane	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Carbon disulfide	<500	JU	QY		500	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Chlorobenzene	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Chloroethane	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Chloroform	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Chloromethane	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Dibromochloromethane	<100	JU	QY		100	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<100	JU	QY		100	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<100	JU	QY		100	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<100	JU	QY		100	µg/L	ML	EPA8260B
2	1,2-Dichloroethylene	475	J	QY		100	µg/L	ML	EPA8260B
0	Dichloromethane	<1,000	JU	QY		1,000	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<100	JU	QY		100	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<100	JU	QY		100	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Ethylbenzene	<100	JU	QY		100	µg/L	ML	EPA8260B
0	2-Hexanone	<500	JU	QY		500	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<500	JU	QY		500	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<500	JU	QY		500	µg/L	ML	EPA8260B
0	Styrene	<100	JU	QY		100	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<100	JU	QY		100	µg/L	ML	EPA8260B
0	Toluene	<100	JU	QY		100	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<100	JU	QY		100	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<100	JU	QY		100	µg/L	ML	EPA8260B
2	Trichloroethylene	16,000	J	QY		100	µg/L	ML	EPA8260B
0	Vinyl acetate	<500	JU	QY		500	µg/L	ML	EPA8260B
0	Xylenes	<100	JU	QY		100	µg/L	ML	EPA8260B

WELL AS 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: 68.75 ft (20.96 m) below TOC
 Water elevation: Not available
 pH: 5.2
 Sp. conductance: 37 µS/cm
 Turbidity: 1000 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 9:20
 Water temperature: 19.8°C
 Air temperature: 22.7°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available
 Field Qualifier(s): B

Well AS 11 collected on 05/02/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	ML	EPA8260B
0	Benzene	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Bromoform	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Bromomethane	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Chloroethane	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Chloroform	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Chloromethane	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<2.00	U			2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<2.00	U			2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<2.00	U			2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<2.00	U			2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Dichloromethane	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<2.00	U			2.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<2.00	U			2.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<2.00	U			2.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Styrene	<2.00	U			2.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<2.00	U			2.00	µg/L	ML	EPA8260B
0	Toluene	<2.00	U			2.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<2.00	U			2.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<2.00	U			2.00	µg/L	ML	EPA8260B
2	Trichloroethylene	250	J	K	O	2.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Xylenes	<2.00	U			2.00	µg/L	ML	EPA8260B

WELL AS 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
 Depth to water: 69 ft (21.03 m) below TOC
 Water elevation: Not available
 pH: 4.3
 Sp. conductance: 36 µS/cm
 Turbidity: 671 NTU
 No water was evacuated from the well prior to sampling.

Time: 8:25
 Water temperature: 21.1°C
 Air temperature: 17.3°C
 Total alkalinity (as CaCO₃): 3 mg/L
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Benzene	<2.00	JU		OX	2.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Bromoform	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Bromomethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<2.00	JU		OX	2.00	µg/L	ML	EPA8260B
0	Chloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Chloroform	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Chloromethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Dichloromethane	<7.56	JU	V	O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU		O	10.0	µg/L	ML	EPA8260B

Well AS 11 collected on 05/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Styrene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Toluene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
2	Trichloroethylene	240	J		OX	2.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Xylenes	<2.00	JU		O	2.00	µg/L	ML	EPA8260B

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
 Depth to water: 57.34 ft (17.48 m) below TOC
 Water elevation: 237.76 ft (72.47 m) msl
 pH: 5.3
 Sp. conductance: 42 µS/cm
 Turbidity: 11 NTU
 Water evacuated from the well prior to sampling: 30 gal

Time: 11:40
 Water temperature: 24.1°C
 Air temperature: 28.9°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<13.4	U			13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	96.1	J	IK	I	146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	78.2	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	117				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	10.0	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	85.7	J	I		120	µg/L	ML	EPA6010B
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	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	38.3	J	I		60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	89.4				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	77.7				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	127				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<6.79	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	1.10	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	162	J	I		185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	13.2				7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	14.2				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	3.820				200	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066

ESH-EMS-2000406

Well BGO 1D collected on 05/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	6,390				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<351		V		340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	31,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,450				1,000	µg/L	WA	EPA9060
0	Total organic halogens	20.7	J	I		120	µg/L	WA	EPA9020B
0	Total organic halogens	14.2	J	I		120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	101				30.0	µg/L	ML	EPA6010B
0	Carbon-14	5.68E-09±5.29E-09	U			8.80E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.79E-09±2.55E-09	U			8.83E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	6.09E-10±1.64E-09	U			6.69E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.83E-10±6.32E-10	J	I		6.60E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.53E-10±5.02E-10	U			9.91E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.39E-10±3.64E-10	U			8.04E-10	µCi/mL	GP	EPIA-004
1	Tritium	1.17E-05±8.26E-07	U			6.05E-07	µCi/mL	ML	EPIA-002

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6
 Sp. conductance: 38 µS/cm
 Turbidity: 13 NTU
 Water evacuated from the well prior to sampling: 55 gal
 There was no water in standpipe.

Time: 9:25
 Water temperature: 21.5°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
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<12.4	U			12.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	87.9	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	180				40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	5.52	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	21.1				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,140				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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

B-14

Second Quarter 2000

Well BGO 2D collected on 05/11/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Iron, total recoverable	113				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	238				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<4.29	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.600		I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	896				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.75	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,940				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	<1,870				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	1,440				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<456		V		340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	22,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	482		I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	17.4	J	I		120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Carbon-14	-5.01E-10±4.71E-09	U			8.23E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.85E-09±2.33E-09	U			8.58E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	2.85E-09±2.33E-09	U			8.58E-09	µCi/mL	ML	EPIA-001
1	Gross alpha	1.13E-08±3.54E-09	J	I		8.59E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-2.84E-10±1.47E-09	U			6.56E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-2.84E-10±1.47E-09	U			6.56E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.09E-09±1.73E-09	U			6.53E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.61E-10±6.18E-10	J	I		6.45E-10	µCi/mL	GP	EPIA-008
0	Radium-226	8.92E-10±6.99E-10	U			6.45E-10	µCi/mL	GP	EPIA-008
0	Radium-228	9.78E-10±7.25E-10	U			1.42E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.09E-10±3.43E-10	U			7.94E-10	µCi/mL	GP	EPIA-004
2	Tritium	2.15E-05±1.04E-06				5.82E-07	µCi/mL	ML	EPIA-002

WELL BGO 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/00
 Depth to water: 129.64 ft (39.51 m) below TOC
 Water elevation: 162.26 ft (49.46 m) msl
 pH: 6.6
 Sp. conductance: 120 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 35 gal

Time: 8:10
 Water temperature: 21.1°C
 Air temperature: 22.2°C
 Total alkalinity (as CaCO₃): 48 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	41.0				24.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	337				40.0	µg/L	ML	EPA6010B
2	Antimony, total recoverable	6.75	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	53.6				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B

Well BGO 3A collected on 05/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoforn	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2,450				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	10.5	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	91.7				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	2.40	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	2,100				185	µg/L	ML	EPA6010B
1	Manganese, total recoverable	37.0				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	<20.0	U			20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	1,070	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	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	5,310				340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	95,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	289	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	21.2	J	IL	I	120	µg/L	WA	EPA9020B
0	Total organic halogens	<120	JU	L	I	120	µg/L	WA	EPA9020B
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	1.01	J	K	O	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Carbon-14	5.22E-10±4.98E-09	U			8.62E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	9.09E-11±4.90E-09	U			8.50E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.97E-09±2.43E-09	U			8.93E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-7.33E-10±1.36E-09	U			6.42E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.57E-10±5.73E-10	J	I		6.88E-10	µCi/mL	GP	EPIA-008
0	Radium-226	9.75E-10±5.26E-10	J	I		4.80E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.04E-10±5.28E-10	U			8.89E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.76E-10±4.68E-10	JU	L	I	1.07E-09	µCi/mL	GP	EPIA-004
2	Tritium	8.27E-05±1.93E-06				5.84E-07	µCi/mL	ML	EPIA-002

ESH-EMS-2000406

B-15

Second Quarter 2000

WELL BGO 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/00
 Depth to water: 68.4 ft (20.85 m) below TOC
 Water elevation: 223.5 ft (68.12 m) msl
 pH: 5.9
 Sp. conductance: 25 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 31 gal

Time: 9:00
 Water temperature: 22°C
 Air temperature: 25.4°C
 Total alkalinity (as CaCO₃): 8 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<12.4	U			12.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	84.5	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	4.70	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	5.67	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	996				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
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	Lithium, total recoverable	1.50	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	371				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	10.4				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	262				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
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	2,700				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<975	U		V	340	µg/L	WA	EPA9056
0	Sulfate	888				340	µg/L	WA	EPA9056
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
2	Thallium, total recoverable	7.47	J	I		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	46,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	274	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	13.1	J	IL	I	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B

Well BGO 3C collected on 05/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	8.76	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	2.16E-10±4.98E-09	U			8.64E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.68E-09±2.47E-09	U			8.56E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.87E-09±1.88E-09	U			6.45E-09	µCi/mL	ML	EPIA-001
0	Radium-226	4.02E-10±3.22E-10	J	I		1.82E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.60E-10±7.71E-10	U			1.54E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.57E-10±4.65E-10	U			1.07E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.42E-05±8.85E-07	U			5.89E-07	µCi/mL	ML	EPIA-002

WELL BGO 3DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
 Depth to water: 61.6 ft (18.78 m) below TOC
 Water elevation: 229.9 ft (70.07 m) msl
 pH: 3.8
 Sp. conductance: 29 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 18 gal

Time: 8:43
 Water temperature: 20.3°C
 Air temperature: 29.9°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	Alkalinity (as CaCO ₃)	<26.8	U			26,800	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	158	J	K	I	146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	120	J	IK	I	146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	103	J	IK	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	14.2				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	14.3				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	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	1.00	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.70	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	1.60	J	I		15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
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	<6.32	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	30.1	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	30.2	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	123				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	0.580	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.530	J	I		2.70	µg/L	WA	EPA6010B
0	Manganese, total recoverable	24.0				7.80	µg/L	WA	EPA6010B

Well BGO 3DR collected on 05/08/00 (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	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	1,500				100	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	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	<663		V		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	13,000	J			50,000	µg/L	WA	EPA160.1
0	Total organic carbon	288	J		IQ	1,000	µg/L	WA	EPA9060
0	Total organic halogens	30.6	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
2	Trichloroethylene	14.0				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	3.46E-08±2.57E-08	U			4.23E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	5.40E-09±1.44E-09				1.03E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.80E-09±1.10E-09	J			1.73E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.06E-09±5.51E-10	J			4.89E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.15E-10±6.29E-10	U			1.30E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.16E-10±2.64E-10	U			5.70E-10	µCi/mL	GP	EPIA-004
0	Tritium	-2.62E-07±3.02E-07	U			5.43E-07	µCi/mL	GP	EPIA-002

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 83.15 ft (25.34 m) below TOC
 Water elevation: 212.95 ft (64.91 m) msl
 pH: 6.9
 Sp. conductance: 35 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 43 gal

Time: 9:41
 Water temperature: 22.6°C
 Air temperature: 26.4°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	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	3.50	J	I		24.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	27.3	J	I		146	µg/L	WA	EPA6010B
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	6.33	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	VA	EPA6010B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	1.58	J	L	O	1.00	µg/L	ML	EPA8260B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	3,670				120	µg/L	ML	EPA6010B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well BGO 5C collected on 05/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Iron, total recoverable	51.4	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<22.6	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	1.80	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	398				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	6.02	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	234				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
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	1,710				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Sulfate	580				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	34,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	323	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	23.2	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	16.4	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	4.00E-10±4.99E-09	U			8.64E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	-1.35E-09±1.39E-09	U			8.61E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.13E-10±1.52E-09	U			6.49E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.75E-10±5.55E-10	J	I		6.04E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.62E-10±3.95E-10	U			7.79E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.13E-10±2.68E-10	U			5.76E-10	µCi/mL	GP	EPIA-004
2	Tritium	6.45E-05±1.71E-06	U			5.47E-07	µCi/mL	ML	EPIA-002
2	Tritium	6.30E-05±1.69E-06	U			5.48E-07	µCi/mL	ML	EPIA-002

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 68.68 ft (20.93 m) below TOC
 Water elevation: 227.62 ft (69.38 m) msl
 pH: 5.1
 Sp. conductance: 38 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 22 gal

Time: 8:30
 Water temperature: 23°C
 Air temperature: 17.7°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 CaCO ₃)	<13.4	U			13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	53.3	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	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

B-17

Second Quarter 2000

Well BGO 5D collected on 05/16/00 (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	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	29.6				15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
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	<7.16		V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00				5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00				5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00				5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00				5.00	µg/L	WA	EPA8260B
0	Iron, total recoverable	33.5	J	I		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	J			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	Nitrate-nitrite as nitrogen	1,450				100	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	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	216	J	I		340	µg/L	WA	EPA9056
0	Sulfate	239	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	40,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,200				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	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	4.92E-07±1.05E-08				5.81E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.56E-09±7.69E-10				5.63E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.40E-09±7.86E-10	J	I		1.34E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.64E-09±7.35E-10	J	I		7.39E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.20E-09±4.38E-10	J	I		7.73E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-6.88E-11±2.38E-10	U			5.47E-10	µCi/mL	GP	EPIA-004
2	Tritium	4.17E-03±8.06E-05				5.84E-06	µCi/mL	GP	EPIA-002

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 127.34 ft (38.81 m) below TOC
 Water elevation: 158.26 ft (48.24 m) msl
 pH: 6.5
 Sp. conductance: 295 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 92 gal

Time: 10:52
 Water temperature: 20.3°C
 Air temperature: 26.1°C
 Total alkalinity (as CaCO₃): 138 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	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	138				24.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	18.2	J	I		146	µg/L	WA	EPA6010B
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	43.5				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B

ESH-EMS-2000406

Well BGO 6A collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	59,600				120	µg/L	ML	EPA6010B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Iron, total recoverable	<25.2	JU	LV	IX	74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<25.3	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	1.80	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	1,400				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.54	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	2.00	J	I		20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	804	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	2,110				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Sulfate	8,560				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<8.84	U	V		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	232,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<382	U			1,000	µg/L	WA	EPA9060
0	Total organic halogens	35.2	J	IL	I	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Carbon-14	4.06E-09±5.09E-09				8.57E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.33E-09±2.29E-09	JU	L	C	9.76E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.46E-10±1.62E-09	U			6.62E-09	µCi/mL	ML	EPIA-001
0	Radium-226	8.07E-10±4.57E-10	U			1.82E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.34E-10±4.72E-10	U			9.86E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-4.03E-11±3.49E-10	U			8.59E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	7.69E-11±4.18E-10	U			9.85E-10	µCi/mL	GP	EPIA-004
0	Tritium	3.74E-07±4.13E-07	U			5.70E-07	µCi/mL	ML	EPIA-002

B-18

Second Quarter 2000

WELL BGO 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 71.48 ft (21.79 m) below TOC
 Water elevation: 215.32 ft (65.63 m) msl
 pH: 7.2
 Sp. conductance: 155 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 110 gal

Time: 14:08
 Water temperature: 22.1°C
 Air temperature: 32.8°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	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	128				24.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
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	42.1				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	1.90	J	L	O	1.00	µg/L	ML	EPA8260B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	30.400				120	µg/L	ML	EPA6010B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Iron, total recoverable	<24.8	JU	LV	IX	74.0	µg/L	VA	EPA6010B
0	Iron, total recoverable	<38.1	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	5.70				2.70	µg/L	VA	EPA6010B
0	Magnesium, total recoverable	549				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	512				20.0	µg/L	VA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	VA	EPA9066
0	Potassium, total recoverable	630	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	2,030				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Sulfate	1,620				340	µg/L	VA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<14.6	U	V		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	VA	EPA6010B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	118,000	J	Q		50,000	µg/L	VA	EPA160.1
0	Total organic carbon	<333	U		6	1,000	µg/L	VA	EPA9066
0	Total organic halogens	15.3	J	IL	I	120	µg/L	VA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

Well BGO 6B collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	13.7	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	7.48E-09±5.55E-09	U			9.13E-09	µCi/mL	GP	EPIA-003
2	Gross alpha	3.79E-08±6.19E-09	J	L	C	9.36E-09	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	3.29E-08±4.33E-09				6.68E-09	µCi/mL	ML	EPIA-001
0	Radium-226	5.51E-10±3.99E-10	U		6	4.52E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-1.08E-09±6.27E-10	U			1.47E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.18E-10±2.76E-10	U			6.11E-10	µCi/mL	GP	EPIA-004
0	Tritium	7.47E-06±6.89E-07				5.69E-07	µCi/mL	ML	EPIA-002

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 68.35 ft (20.83 m) below TOC
 Water elevation: 217.25 ft (66.22 m) msl
 pH: 6.9
 Sp. conductance: 121 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 91 gal

Time: 11:33
 Water temperature: 21°C
 Air temperature: 27.6°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	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	51.0				2.0	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO ₃)	38.0				24.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	19.1	J	I		146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	27.8	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	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	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	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	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	9.80				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	9.40				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	9.36	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
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	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
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	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	21,800				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	21,600				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	22,500				120	µg/L	ML	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

Well BGO 6C collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	1.02		L	O	1.00	µg/L	ML	EPA8260B
0	Chromium, total recoverable	2.40	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.80	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
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	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	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	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	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	Iron, total recoverable	23.5	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<40.0	U			40.0	µg/L	ML	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	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	1.27	J	I		10.0	µg/L	GE	EPA6020
0	Lithium, total recoverable	1.30	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.900	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	504	U			74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	504	U			185	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	490	U			7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	1.10	J	I		7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	1.10	J	I		10.0	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	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	ML	EPA7470A
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	WA	EPA7470A
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,210	U			50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,210	U			50.0	µg/L	GE	EPA353.2
0	Nitrate-nitrite as nitrogen	214	U			20.0	µg/L	WA	EPA353.2
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	308	U			187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	304	U			187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	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	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	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	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	1,600	U			285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	1,580	U			285	µg/L	WA	EPA6010B

ESH-EMS-2000406

Well BGO 6C collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sodium, total recoverable	1,540				675	µg/L	ML	EPA6010B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Styrene	<1.00	JU	L		1.00	µg/L	ML	EPA8260B
0	Sulfate	<622	U			200	µg/L	GE	EPA9056
0	Sulfate	<501	U			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	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	1.03	J	L	O	1.00	µg/L	ML	EPA8260B
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	Thallium, total recoverable	<12.9	U	V		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<10.0	U			10.0	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	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	94,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	94,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	120,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<174	U	V		200	µg/L	GE	EPA9060
0	Total organic carbon	<403	U			1,000	µg/L	WA	EPA9060
0	Total organic halogens	<10.0	JU	L	C	10.0	µg/L	GE	EPA9020B
0	Total organic halogens	23.9	J	IL	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	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	2.04	J	I		5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	2.42	J	L	O	1.00	µg/L	ML	EPA8260B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	6.90	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	6.30	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Carbon-14	9.34E-09±5.62E-09	J	I		9.14E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.00E-09±8.90E-10	U			1.10E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	3.40E-10±6.20E-10	U			1.24E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	3.48E-10±1.92E-09	JU	L	C	9.03E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	8.30E-10±1.38E-09	U			2.70E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.72E-09±1.51E-09	U			2.77E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.16E-09±1.79E-09	U			6.52E-09	µCi/mL	ML	EPIA-001
0	Radium-226	3.19E-10±4.15E-10	U			6.89E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.32E-10±4.79E-10	U			9.75E-10	µCi/mL	GP	EPIA-009
0	Radium-228	-3.20E-10±1.50E-09	U			2.74E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	1.88E-09±2.00E-09	U			3.31E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	-1.73E-10±4.62E-10	U			1.16E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-3.10E-10±7.70E-10	U			1.42E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	3.80E-10±7.00E-10	U			1.20E-09	µCi/mL	TM	EMLSR02M
2	Tritium	1.91E-04±2.13E-06	U			2.90E-07	µCi/mL	TM	EPA906.0M
2	Tritium	6.55E-04±7.36E-06	U			1.01E-06	µCi/mL	TM	EPA906.0M
2	Tritium	8.12E-04±5.94E-06	U			5.72E-07	µCi/mL	ML	EPIA-002

WELL BGO 6C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
Depth to water: 68.35 ft (20.83 m) below TOC
Water elevation: 217.25 ft (66.22 m) msl
pH: 6.9
Sp. conductance: 121 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 91 gal

Time: 11:33
Water temperature: 21°C
Air temperature: 27.6°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	40.0				12.4	µg/L	WA	EPA310.1
1	Aluminum, total recoverable	33.9	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B

B-20

Second Quarter 2000

Well BGO 6C R collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	9.47	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	22,500	U			120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	<74.0	JU	L	IX	74.0	µg/L	VA	EPA6010B
0	Iron, total recoverable	<14.2	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.580	J	I		2.70	µg/L	VA	EPA6010B
0	Magnesium, total recoverable	481	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,020	U			100	µg/L	VA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	VA	EPA9066
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	1,520	U			675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<511	U			340	µg/L	VA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U		6	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	1.04	U			1.00	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<8.38	U	V		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	VA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	122,000	J	Q		50,000	µg/L	VA	EPA160.1
0	Total organic carbon	<323	U		6	1,000	µg/L	VA	EPA9060
0	Total organic halogens	26.2	J	IL	I	120	µg/L	VA	EPA9020B
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	2.26	U			1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Carbon-14	7.89E-09±5.26E-09				8.62E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.75E-09±2.74E-09	JU	L	C	8.99E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.00E-09±1.66E-09	U			6.50E-09	µCi/mL	ML	EPIA-001
0	Radium-226	5.64E-10±4.76E-10	U			6.75E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.98E-11±7.18E-10	U			1.52E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.76E-10±3.75E-10	U			8.28E-10	µCi/mL	GP	EPIA-004
2	Tritium	6.01E-04±5.11E-06				5.73E-07	µCi/mL	ML	EPIA-002

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
Depth to water: 56.77 ft (17.3 m) below TOC
Water elevation: 228.73 ft (69.72 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 7 gal

Time: 9:14
Water temperature: Not available
Air temperature: 26°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO3)	76.0				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	160				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	383				40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	4.35	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	32.7				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	18,400				120	µg/L	ML	EPA6010B
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	4.96				1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	7.96				1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	1.74				1.00	µg/L	ML	EPA8260B
2	1,1-Dichloroethylene	10.3				1.00	µg/L	ML	EPA8260B
2	1,2-Dichloroethylene	59.8				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
2	Iron, total recoverable	438				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	583				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	16.8	J	I		20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	VA	EPA6010B
0	Magnesium, total recoverable	1,200				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	18.6				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,060				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	451	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	2,690				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<633	U	V		340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	22.8				1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<6.56	U	V		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	<64,000	JU	Q	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	908	J	I		1,000	µg/L	WA	EPA9060
2	Total organic halogens	214				120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	1.34				1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B

Well BGO 6D collected on 05/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Trichloroethylene	188				1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	30.2				30.0	µg/L	ML	EPA6010B
0	Gross alpha	-5.20E-10±1.65E-09	U			8.73E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	-5.20E-10±1.65E-09	U			8.73E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	3.77E-09±2.54E-09	U			8.78E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.95E-09±2.10E-09	U			6.47E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.95E-09±2.10E-09	U			6.47E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.78E-09±2.13E-09	U			6.57E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.31E-03±7.57E-06				6.09E-07	µCi/mL	ML	EPIA-002
2	Tritium	1.29E-03±7.47E-06				6.03E-07	µCi/mL	ML	EPIA-002

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
 Depth to water: 56.77 ft (17.3 m) below TOC
 Water elevation: 228.73 ft (69.72 m) msl
 pH: 5.9
 Sp. conductance: 136 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 9:50
 Water temperature: 21.2°C
 Air temperature: 35.8°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	Carbon-14	3.67E-09±5.05E-09	U			8.52E-09	µCi/mL	GP	EPIA-003
0	Radium-226	8.50E-10±6.66E-10	U			9.16E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.98E-10±3.78E-10	U			7.22E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-4.89E-10±3.50E-10	U			9.85E-10	µCi/mL	GP	EPIA-004

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
 Depth to water: 57.91 ft (17.65 m) below TOC
 Water elevation: 229.09 ft (69.83 m) msl
 pH: 4.6
 Sp. conductance: 28 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 56 gal

Time: 11:07
 Water temperature: 20.9°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
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	16.0	J	I		26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	67.7	J	I		146	µg/L	WA	EPA6010B
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	6.10	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	681				120	µg/L	ML	EPA6010B
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	3.14	J	K	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well BGO 7D collected on 05/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethane	2.28	J	K	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	1.87	J	K	O	1.00	µg/L	ML	EPA8260B
1	1,2-Dichloroethylene	27.6	J	K	O	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	Iron, total recoverable	35.7	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<35.5	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<7.86	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	454				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	13.5				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	404				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
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	1,950				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<886	U	V		340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	12.3	J	K	O	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	23,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	665	J	I		1,000	µg/L	WA	EPA9060
2	Total organic halogens	109	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	0.670	J	IK	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	103	J	K	O	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	7.53	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	5.87E-09±5.38E-09	U			8.94E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.99E-09±2.16E-09	U			8.49E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.52E-09±1.83E-09	U			6.47E-09	µCi/mL	ML	EPIA-001
0	Radium-226	5.83E-10±5.88E-10	U			8.98E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.97E-10±4.40E-10	U			9.36E-10	µCi/mL	GP	EPIA-009
0	Radium-228	2.08E-10±3.28E-10	U			7.01E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.77E-10±3.45E-10	U			8.82E-10	µCi/mL	GP	EPIA-004
2	Tritium	3.07E-04±3.69E-06				6.10E-07	µCi/mL	ML	EPIA-002

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 Depth to water: 67.38 ft (20.54 m) below TOC
 Water elevation: 220.52 ft (67.22 m) msl
 pH: 6.6
 Sp. conductance: 94 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 68 gal

Time: 11:42
 Water temperature: 22.5°C
 Air temperature: 30.1°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	38.0				24,800	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	94.6	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	59.8				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<4.44	U		6	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	5.76	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B

B-22

Second Quarter 2000

Well BGO 8C collected on 05/11/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	13,600				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	147				74.0	µg/L	VIA	EPA6010B
0	Iron, total recoverable	<16.3	U			40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<4.43	JU		6	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	2.60	J	I	4	2.70	µg/L	VIA	EPA6010B
0	Magnesium, total recoverable	392				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	636				20.0	µg/L	VIA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	VIA	EPA9066
0	Potassium, total recoverable	425	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	2,110				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<1,020				340	µg/L	VIA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	VIA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	65,000				50,000	µg/L	VIA	EPA160.1
0	Total organic carbon	<547	U			1,000	µg/L	VIA	EPA9060
0	Total organic halogens	15.5	J	I		120	µg/L	VIA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	14.6	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	2.99E-08±5.85E-09				8.30E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.75E-09±2.52E-09	U			8.71E-09	µCi/mL	EPIA-001	
0	Nonvolatile beta	-3.26E-10±1.44E-09				6.43E-09	µCi/mL	ML	EPIA-001
0	Radium-226	4.97E-10±5.13E-10	U			7.70E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.17E-10±7.44E-10	U			1.57E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	2.68E-11±3.23E-10	U			7.70E-10	µCi/mL	GP	EPIA-004
2	Tritium	5.79E-05±1.63E-06				5.85E-07	µCi/mL	ML	EPIA-002

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
Depth to water: 58.7 ft (17.89 m) below TOC
Water elevation: 229.1 ft (69.83 m) msl
pH: 4.9
Sp. conductance: 26 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 74 gal

Time: 10:15
Water temperature: 21.3°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
0	Acetone	8.55	J	I		10.0	µg/L	WA	EPA8260B
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	5.00				2.0	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO ₃)	5.00				2.0	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO ₃)	<24.8	U			24.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<69.2	U	V		50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	24.1	J	I		146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	30.6	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	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	Antimony, total recoverable	<4.40	U		6	20.0	µg/L	ML	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	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	12.0				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	12.2				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	11.4	J	I		15.0	µg/L	ML	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	<1.00	U			1.00	µg/L	ML	EPA8260B
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	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	5.27	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	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	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	<1.00	U			1.00	µg/L	ML	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	<1.00	U			1.00	µg/L	ML	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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	769				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	776				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	747				120	µg/L	ML	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	ML	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	<1.00	U			1.00	µg/L	ML	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	<1.00	U			1.00	µg/L	ML	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	<1.00	U			1.00	µg/L	ML	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)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	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	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B

Well BGO 8D collected on 05/11/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chromium, total recoverable	1.10	J	I		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<30.0				30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	<4.50				4.50	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	<4.50				4.50	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	<20.0				20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<15.0				15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0				15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	<60.0				60.0	µg/L	ML	EPA6010B
0	Cyanide	1.70		IQ		15.2	µg/L	WA	EPA9014
0	Cyanide	<20.0				20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<5.00				5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00				5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<1.00				1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00				5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00				1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00				1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00				5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00				1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<1.00				1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<7.39		V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.48		V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.0				10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00				1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00				5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00				5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00				1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00				5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00				5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00				1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00				5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00				5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00				1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0				10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0				10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<5.00				5.00	µg/L	ML	EPA8260B
0	Iron, total recoverable	<50.0				50.0	µg/L	GE	EPA6010B
2	Iron, total recoverable	398	JU	L	IX	74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<16.9		LV	IX	74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<40.0				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<47.0				47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0				47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<6.52	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	<1.60				10.0	µg/L	GE	EPA6020
0	Lithium, total recoverable	0.590		V		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.560				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	516				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	524				74.0	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	514				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	8.40				7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	7.60				7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	7.03				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	0.150				0.700	µg/L	WA	EPA7470A
0	Mercury, total recoverable	0.155				0.200	µg/L	ML	EPA7470A
0	Methyl ethyl ketone	<10.0				10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0				10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<5.00				5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0				10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0				10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<5.00				5.00	µg/L	ML	EPA8260B
0	Nickel, total recoverable	<26.0				26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0				26.0	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<60.0				60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	530				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	530				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	290				20.0	µg/L	WA	EPA353.2
0	Phenols	<5.00	JU	QQ		5.00	µg/L	GE	EPA9066
0	Phenols	<5.00				5.00	µg/L	GE	EPA9066
0	Phenols	<37.0				37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	262				187	µg/L	WA	EPA6010B

Well BGO 8D collected on 05/11/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	276				187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	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	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	0.870	J	I		5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	2,060				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,110				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,140				675	µg/L	ML	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	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	1,070				200	µg/L	GE	EPA9056
0	Sulfate	1,080				200	µg/L	GE	EPA9056
0	Sulfate	<1,030	U	V		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	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	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	<1.00	U			1.00	µg/L	ML	EPA8260B
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<10.0	U			10.0	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	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	33,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	28,000				10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	18,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<254	U	V		200	µg/L	GE	EPA9060
0	Total organic carbon	<242	U	V		200	µg/L	GE	EPA9060
0	Total organic carbon	<1,000	U			1,000	µg/L	WA	EPA9060
0	Total organic halogens	<10.0	JU	L	C	10.0	µg/L	GE	EPA9020B
0	Total organic halogens	<10.0	JU	L	C	10.0	µg/L	GE	EPA9020B
0	Total organic halogens	20.4	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	1,1,1-Trichloroethane	0.710	J	IK	O	1.00	µg/L	ML	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	<1.00	U			1.00	µg/L	ML	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	0.790	J	IK	O	1.00	µg/L	ML	EPA8260B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	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	Vinyl acetate	<5.00	U			5.00	µg/L	ML	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	<1.00	U			1.00	µg/L	ML	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	Zinc, total recoverable	6.38	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	1.80E-08±5.45E-09	J	I		8.30E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	1.84E-08±5.49E-09	J	I		8.35E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.34E-09±1.63E-09	J	I		1.89E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.52E-09±1.22E-09	U			1.87E-09	µCi/mL	TM	EPA900.0M
1	Gross alpha	9.59E-09±3.34E-09	J	I		8.61E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.49E-09±1.77E-09	U			3.16E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.21E-09±1.74E-09	U			3.16E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	8.60E-09±2.54E-09	J	I		6.54E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.19E-10±6.75E-10	J	I		9.00E-10	µCi/mL	GP	EPIA-008
0	Radium-228	9.64E-10±8.46E-10	U			1.41E-09	µCi/mL	GP	EPIA-009
0	Radium-228	2.00E-09±1.88E-09	U			3.09E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	1.12E-09±1.73E-09	U			2.95E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	-1.72E-10±4.56E-10	U			1.15E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	3.40E-10±7.20E-10	U			1.24E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	-3.00E-11±6.30E-10	U			1.14E-09	µCi/mL	TM	EMLSR02M

Well BGO 8D collected on 05/11/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	2.65E-04±4.61E-06	J	K	C	9.50E-07	µCi/mL	TM	EPA906.0M
2	Tritium	1.35E-04±2.74E-06	J	K	C	6.60E-07	µCi/mL	TM	EPA906.0M
2	Tritium	1.87E-04±2.86E-06				5.81E-07	µCi/mL	ML	EPIA-002

WELL BGO 8D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 Depth to water: 58.7 ft (17.89 m) below TOC
 Water elevation: 229.1 ft (69.83 m) msl
 pH: 4.9
 Sp. conductance: 26 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 74 gal

Time: 10:15
 Water temperature: 21.3°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
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<24.8	U			24.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	47.3	J	I		146	µg/L	VIA	EPA6010B
2	Aluminum, total recoverable	117				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	10.1	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	VIA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	672				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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
1	Iron, total recoverable	207				74.0	µg/L	VIA	EPA6010B
0	Iron, total recoverable	121				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<5.14	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.320	J	I		2.70	µg/L	VIA	EPA6010B
0	Magnesium, total recoverable	417				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	8.16	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	0.164	J	I		0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	482				20.0	µg/L	VIA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	VIA	EPA9066
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	1,890				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<830	U	V		340	µg/L	VIA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B

ESH-EMS-2000406

Well BGO 8D R collected on 05/11/00 (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	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	29,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<341	U	V	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	27.0	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	0.750	J	IK	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	0.850	J	IK	O	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	42.0				30.0	µg/L	ML	EPA6010B
0	Carbon-14	3.45E-08±6.06E-09				8.42E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	-1.36E-09±1.40E-09	U			8.65E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.22E-10±1.56E-09	U			6.63E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.41E-10±5.75E-10	J	I		5.79E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-3.32E-11±7.63E-10	U			1.32E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.35E-10±4.68E-10	U			1.15E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.02E-04±3.00E-06				5.89E-07	µCi/mL	ML	EPIA-002

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/00
 Depth to water: 58.31 ft (17.77 m) below TOC
 Water elevation: 226.79 ft (69.13 m) msl
 pH: 3.9
 Sp. conductance: 21 µS/cm
 Turbidity: 11 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 8:15
 Water temperature: 18.2°C
 Air temperature: 17.3°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	2.40	J	I		13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	114	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	196				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	12.2	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	772				120	µg/L	ML	EPA6010B
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	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	15.8	J	I		60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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
2	Iron, total recoverable	419				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	446				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	334				185	µg/L	ML	EPA6010B

B-25

Second Quarter 2000

Well BGO 9D collected on 05/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Manganese, total recoverable	18.9				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	489				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	JU	Q		37.0	µg/L	WA	EPA9066
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	1,770				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<501		V		340	µg/L	WA	EPA9056
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
2	Thallium, total recoverable	5.27	J	I		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	9,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	7,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,820				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	88.7				30.0	µg/L	ML	EPA6010B
0	Carbon-14	9.29E-09±5.28E-09	J	I		8.56E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	1.12E-08±5.50E-09	J	I		8.82E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.22E-10±1.77E-09	U			8.33E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.12E-09±1.75E-09	U			6.37E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.05E-10±7.11E-10	J	I		8.44E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.55E-10±7.19E-10	U			1.33E-09	µCi/mL	GP	EPIA-009
0	Radium-228	4.25E-10±3.92E-10	U			7.76E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.97E-11±4.01E-10	U			9.43E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-1.61E-10±3.72E-10	U			7.71E-10	µCi/mL	GP	EPIA-004
2	Tritium	1.71E-04±2.77E-06				6.50E-07	µCi/mL	ML	EPIA-002

WELL BGO 10AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
 Depth to water: 143.04 ft (43.6 m) below TOC
 Water elevation: 157.46 ft (47.99 m) msl
 pH: 8.3
 Sp. conductance: 221 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 103 gal

Time: 9:55
 Water temperature: 20.5°C
 Air temperature: 24.7°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	122				28.6	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	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	23.8				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	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	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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	48,900				120	µg/L	ML	EPA6010B
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

ESH-EMS-2000406

Well BGO 10AR collected on 05/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	7.60	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<74.0	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	32.1	J	I		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	11.2				2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	11.6				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	947				185	µg/L	ML	EPA6010B
1	Manganese, total recoverable	38.6				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	4.00	J	I		20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	JU	Q		37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	1,290	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	2,060				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	8,120				340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	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	ML	EPA8260B
0	Total dissolved solids	143,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,830				1,000	µg/L	WA	EPA9060
0	Total organic halogens	25.5	J	I		120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	25.1	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	2.48E-09±5.07E-09	U			8.64E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.89E-10±2.14E-09	JU	L	I	1.01E-08	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.25E-09±1.86E-09	U			6.78E-09	µCi/mL	ML	EPIA-001
0	Radium-226	8.96E-10±6.09E-10	J	I		6.61E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-3.90E-10±6.63E-10	U			1.26E-09	µCi/mL	GP	EPIA-009
0	Radium-228	-3.08E-10±5.92E-10	U			1.24E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	3.06E-10±3.81E-10	U			8.29E-10	µCi/mL	GP	EPIA-004
0	Tritium	2.22E-07±3.97E-07	U			5.58E-07	µCi/mL	ML	EPIA-002

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/00
 Depth to water: 83.82 ft (25.55 m) below TOC
 Water elevation: 217.48 ft (66.29 m) msl
 pH: 7.3
 Sp. conductance: 162 µS/cm
 Turbidity: 15 NTU

Time: 9:25
 Water temperature: 20.5°C
 Air temperature: 31.7°C
 Total alkalinity (as CaCO₃): 88 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SX

Well BGO 10C collected on 05/05/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO3)	144				28.6	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	92.0	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	67.0				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	47.0				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	37,000				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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
2	Iron, total recoverable	337				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	324				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	3.00				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	762				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	7.53	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	344				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	JU	Q		37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	986	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	2,300				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	2,800				340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	135,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	2,600				1,000	µg/L	WA	EPA9060
0	Total organic halogens	15.1	J	I		120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	29.9	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	6.78E-09±5.15E-09	U			8.49E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.18E-09±2.61E-09	U			9.58E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.78E-10±1.53E-09	U			6.51E-09	µCi/mL	ML	EPIA-001
0	Radium-226	2.54E-10±4.99E-10	U			9.14E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.27E-09±4.99E-10	J	I		8.37E-10	µCi/mL	GP	EPIA-009

ESH-EMS-2000406

Well BGO 10C collected on 05/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Strontium-90	3.49E-10±4.22E-10	U			9.14E-10	µCi/mL	GP	EPIA-004
0	Tritium	6.41E-06±6.84E-07				6.35E-07	µCi/mL	ML	EPIA-002

WELL BGO 10DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/00
Depth to water: 71.74 ft (21.87 m) below TOC
Water elevation: 228.66 ft (69.7 m) msl
pH: 6.4
Sp. conductance: 75 µS/cm
Turbidity: 14 NTU

Time: 8:55
Water temperature: 21°C
Air temperature: 27.6°C
Total alkalinity (as CaCO3): 256 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	4.42	J	I		10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO3)	41.5				28.6	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	29.7	J	I		146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	39.1	J	I		40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	5.25	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	49.4				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	10,600				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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
1	Iron, total recoverable	176				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	194				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	15.3	J	I		20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	13.6				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	503				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	11.2				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,350				100	µg/L	WA	EPA353.2
0	Phenols	15.4	J	IQ		37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	704	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	4,000				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<971	U	V		340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B

B-27

Second Quarter 2000

Well BGO 10DR collected on 05/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total dissolved solids	49,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	5,870				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	71.5				30.0	µg/L	ML	EPA6010B
0	Carbon-14	3.12E-07±1.21E-08				8.55E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.34E-10±1.84E-09	U			8.66E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.13E-09±1.76E-09	U			6.41E-09	µCi/mL	ML	EPIA-001
0	Radium-226	8.65E-10±6.34E-10	J	I		8.03E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.41E-10±6.18E-10	U			1.10E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	6.90E-12±3.53E-10	U			8.44E-10	µCi/mL	GP	EPIA-004
1	Tritium	1.82E-05±9.68E-07				6.16E-07	µCi/mL	ML	EPIA-002

WELL BGO 11DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
Depth to water: 77.19 ft (23.53 m) below TOC
Water elevation: 228.01 ft (69.5 m) msl
pH: 3.7
Sp. conductance: 33 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 32 gal

Time: 9:19
Water temperature: 20°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	Alkalinity (as CaCO ₃)	<13.4	U			13.4	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	48.1	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	7.10				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	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	0.960	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	8.80				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	2.71	J	I		5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.1	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	0.920	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	1.810				100	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	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	601				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

ESH-EMS-2000406

Well BGO 11DR collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total dissolved solids	36,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	395	J	I		1,000	µg/L	WA	EPA9060
1	Total organic halogens	57.4	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	6.00	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	7.44E-09±3.57E-09	J	I		5.79E-09	µCi/mL	GP	EPIA-003
1	Gross alpha	8.70E-09±1.19E-09				5.62E-10	µCi/mL	GP	EPIA-001
1	Gross alpha	8.54E-09±1.21E-09				7.10E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.29E-09±9.40E-10				1.50E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.87E-09±9.24E-10				1.51E-09	µCi/mL	GP	EPIA-001
1	Radium-226	2.81E-09±9.07E-10				7.20E-10	µCi/mL	GP	EPIA-008
1	Radium-226	2.81E-09±9.07E-10				7.20E-10	µCi/mL	GP	EPIA-008
1	Radium-226	2.55E-09±8.39E-10				6.07E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.20E-09±6.39E-10	U			1.22E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.53E-10±2.29E-10	U			5.67E-10	µCi/mL	GP	EPIA-004
2	Tritium	1.25E-01±1.71E-03				3.50E-05	µCi/mL	GP	EPIA-002

WELL BGO 12AX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
Depth to water: 156.46 ft (47.69 m) below TOC
Water elevation: 156.34 ft (47.65 m) msl
pH: 8
Sp. conductance: 190 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 54 gal

Time: 11:36
Water temperature: 21.3°C
Air temperature: 28.8°C
Total alkalinity (as CaCO₃): 73 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	78.0				28.6	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
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	21.1				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	37.400				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	16.7	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	11.7	J	I		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	12.4	J	I		20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	1.10	J	I		2.70	µg/L	WA	EPA6010B

B-28

Second Quarter 2000

Well BGO 12AX collected on 05/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Magnesium, total recoverable	778				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	8.83	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	280				200	µg/L	WA	EPA353.2
0	Phenols	<37.0	JU	Q		37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	797	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	1,910				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	7,540				340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	120,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	606	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	16.9	J	I		120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	30.7				30.0	µg/L	ML	EPA6010B
0	Carbon-14	3.15E-09±5.04E-09	U			8.54E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	-1.51E-09±1.55E-09	JU	L	I	9.58E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	3.73E-10±2.05E-09	JU	L	I	9.63E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.59E-09±2.07E-09	U			6.55E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.95E-10±1.63E-09	U			6.63E-09	µCi/mL	ML	EPIA-001
0	Radium-226	8.06E-10±5.83E-10	J	I		6.61E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.82E-10±4.56E-10	U			9.04E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.16E-11±3.47E-10	U			8.33E-10	µCi/mL	GP	EPIA-004
0	Tritium	2.21E-07±3.94E-07	U			5.54E-07	µCi/mL	ML	EPIA-002
0	Tritium	1.11E-07±3.91E-07	U			5.58E-07	µCi/mL	ML	EPIA-002

WELL BGO 12CX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 Depth to water: 85.27 ft (25.99 m) below TOC
 Water elevation: 228.03 ft (69.5 m) msl
 pH: 5.4
 Sp. conductance: 44 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 8:30
 Water temperature: 26°C
 Air temperature: 19.9°C
 Total alkalinity (as CaCO₃): 5 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	8.00	J	I		24.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	105				40.0	µg/L	ML	EPA6010B
2	Antimony, total recoverable	6.21	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	7.27	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,750				120	µg/L	ML	EPA6010B
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

ESH-EMS-2000406

Well BGO 12CX collected on 05/11/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	4.87	J	I		20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	79.5				74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	102				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<7.33	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	5.00				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	153	J	I		185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	8.49	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	2,100				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	J			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	1,300	U	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	3,790				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<624	U	V		340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	35,000	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	53.2	J	I		120	µg/L	WA	EPA9020B
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	73.6	J	K	O	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	24.7	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	2.25E-09±4.85E-09	U			8.27E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.93E-09±2.40E-09	U			8.84E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.36E-09±2.08E-09	U			6.56E-09	µCi/mL	ML	EPIA-001
0	Radium-226	8.53E-10±6.69E-10	U			9.19E-10	µCi/mL	ML	EPIA-008
0	Radium-228	-1.29E-10±7.85E-10	U			1.67E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.47E-10±2.35E-10	U			6.59E-10	µCi/mL	GP	EPIA-004
0	Tritium	6.01E-06±6.55E-07	U			5.90E-07	µCi/mL	ML	EPIA-002

WELL BGO 12DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
 Depth to water: 96.01 ft (29.26 m) below TOC
 Water elevation: 217.59 ft (66.32 m) msl
 pH: 11
 Sp. conductance: 750 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 19 gal

Time: 10:34
 Water temperature: 20.7°C
 Air temperature: 26.2°C
 Total alkalinity (as CaCO₃): 202 mg/L
 Phenolphthalein alkalinity: 177 mg/L
 Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	75.6				28.6	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	141	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	132				40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	5.53	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B

B-29

Second Quarter 2000

Well BGO 12DR collected on 05/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	53.3				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00				5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00				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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	50,100				120	µg/L	ML	EPA6010B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00				1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00				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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<1.00				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				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				1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00				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				1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00				5.00	µg/L	ML	EPA8260B
0	Iron, total recoverable	18.2	J	I		74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	159				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	31.0				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	300				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	4.89	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Methyl ethyl ketone	<5.00				5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	187				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	JU	Q		37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	14,500				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	12,600				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	J			1.00	µg/L	ML	EPA8260B
0	Sulfate	16,900	J	Q		680	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00				1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	0.320	J	IK	O	1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	145,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,260				1,000	µg/L	WA	EPA9060
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	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	1.93	J	K	O	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	7.32	J	I		30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	16.5	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	5.99E-09±5.41E-09				8.99E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.46E-09±2.50E-09	JU	L	I	1.07E-08	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-6.82E-10±1.45E-09	J			6.84E-09	µCi/mL	ML	EPIA-001
0	Radium-226	7.83E-10±5.66E-10	J	I		6.42E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.29E-10±4.80E-10	U			1.02E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.68E-10±3.91E-10	U			8.92E-10	µCi/mL	GP	EPIA-004
0	Tritium	9.74E-06±7.49E-07				5.56E-07	µCi/mL	ML	EPIA-002

WELL BGO 13DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
 Depth to water: 91.42 ft (27.87 m) below TOC
 Water elevation: 227.88 ft (69.46 m) msl
 pH: 6.8
 Sp. conductance: 60 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:20
 Water temperature: 20.9°C
 Air temperature: 25.8°C
 Total alkalinity (as CaCO₃): 21 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	3.27	J	IK	O	10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	20.4	J	I		28.6	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	26.0	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	88.7				40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	5.42	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	67.1				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	12,800				120	µg/L	ML	EPA6010B
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	Chromium, total recoverable	19.5	J	I		30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	4.23	J	I		20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	18.5	J	I		60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	111				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	599				40.0	µg/L	ML	EPA6010B
1	Lead, total recoverable	45.6				20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	41.3				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	444				185	µg/L	ML	EPA6010B
2	Manganese, total recoverable	132				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	15.5	J	I		60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	453				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	JU	Q		37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	1,820	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	4,800				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	1,760				340	µg/L	WA	EPA9056
0	Sulfate	1,710	J	Q		340	µg/L	WA	EPA9056
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
2	Thallium, total recoverable	4.81	J	I		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	39,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,960				1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B

Well BGO 13DR collected on 05/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	71.8				30.0	µg/L	ML	EPA6010B
0	Carbon-14	2.76E-09±5.04E-09	U			8.57E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.45E-10±1.91E-09	JU	L	I	8.95E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.68E-09±1.88E-09	U			6.65E-09	µCi/mL	ML	EPIA-001
0	Radium-226	4.24E-10±4.41E-10	U			6.27E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.90E-10±5.02E-10	U			1.02E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.53E-10±3.86E-10	U			1.02E-09	µCi/mL	GP	EPIA-004
0	Tritium	6.35E-06±6.20E-07				5.23E-07	µCi/mL	ML	EPIA-002

WELL BGO 14AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
Depth to water: 142.7 ft (43.5 m) below TOC
Water elevation: 158 ft (48.16 m) msl
pH: 10.9
Sp. conductance: 458 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 97 gal

Time: 9:59
Water temperature: 20.1°C
Air temperature: 26.8°C
Total alkalinity (as CaCO₃): 162 mg/L
Phenolphthalein alkalinity: 124 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	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	132				28.6	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	308				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	185				40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	5.68	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	104				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	53.100				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	10.6	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	17.2	J	I		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	32.5				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	472				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	5.66	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	162				20.0	µg/L	WA	EPA353.2

ESH-EMS-2000406

Well BGO 14AR collected on 05/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Phenols	<37.0	JU	Q		37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	4,960				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	6,320				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	2,930				340	µg/L	WA	EPA9056
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
2	Thallium, total recoverable	12.1	J	I		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	128,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,530				1,000	µg/L	WA	EPA9060
0	Total organic halogens	12.3	J	I		120	µg/L	WA	EPA9020B
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	0.720	J	IK	O	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	12.7	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	8.83E-09±5.30E-09	J	I		8.61E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.33E-09±2.29E-09	JU	L	I	9.76E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.38E-10±1.61E-09	U			6.55E-09	µCi/mL	ML	EPIA-001
0	Radium-226	8.73E-10±5.93E-10	J	I		6.45E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.09E-10±4.61E-10	U			9.53E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.90E-10±3.62E-10	U			9.25E-10	µCi/mL	GP	EPIA-004
0	Tritium	4.20E-06±5.75E-07				5.62E-07	µCi/mL	ML	EPIA-002

WELL BGO 14CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
Depth to water: 79.81 ft (24.33 m) below TOC
Water elevation: 220.69 ft (67.27 m) msl
pH: 5.3
Sp. conductance: 32 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 52 gal

Time: 11:48
Water temperature: 21.2°C
Air temperature: 31.9°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<13.4	U			13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	18.7	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
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	7.42	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	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	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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,420				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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

B-31

Second Quarter 2000

Well BGO 14CR collected on 05/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethylene	<0.870	JU	I	8	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	Iron, total recoverable	12.5	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	18.9	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<13.5	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	1.40	J	I		2.70	µg/L	WA	EPA6010B
0	Lithium, total recoverable	1.20	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	522	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	8.27	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,240	U			100	µg/L	WA	EPA353.2
0	Phenols	<37.0	J			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	390	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	2,730	U			675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	1,490	U			340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<3.48	U		8	1.00	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	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	ML	EPA8260B
0	Total dissolved solids	31,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<1,000	U			1,000	µg/L	WA	EPA9060
1	Total organic halogens	54.4	J	I		120	µg/L	WA	EPA9020B
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	<9.83	U		8	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	14.7	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	2.27E-09±5.04E-09	U			8.60E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.07E-09±2.24E-09	U			8.84E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.07E-09±1.95E-09	U			6.68E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.49E-10±6.97E-10	J	I		9.30E-10	µCi/mL	GP	EPIA-008
0	Radium-226	9.40E-10±5.55E-10	J	I		2.32E-10	µCi/mL	GP	EPIA-008
0	Radium-226	9.49E-10±6.97E-10	J	I		9.30E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-1.08E-11±4.62E-10	U			9.87E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	9.54E-11±3.97E-10	U			8.94E-10	µCi/mL	GP	EPIA-004
2	Tritium	5.07E-04±4.70E-06	U			7.20E-07	µCi/mL	ML	EPIA-002

WELL BGO 14DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 72.72 ft (22.17 m) below TOC
 Water elevation: 227.58 ft (69.37 m) msl
 pH: 5.1
 Sp. conductance: 33 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 28 gal

Time: 11:20
 Water temperature: 20.7°C
 Air temperature: 31.6°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	Acetone	34.7	J	LQ	O	10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	6.00	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	15.4	J	I		146	µg/L	WA	EPA6010B
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	5.65	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B

ESH-EMS-2000406

Well BGO 14DR collected on 05/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Boron, total recoverable	35.4	J	I		266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	507	U			120	µg/L	ML	EPA6010B
0	Carbon disulfide	<5.00	JU	LQ	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
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	163	U			60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<22.8	JU	LQ	O8	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.9	JU	LQ	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	LQ	O	5.00	µg/L	ML	EPA8260B
2	Iron, total recoverable	379	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	117	U			40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	24.1	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	3.60	U			2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	572	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	6.99	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	JU	LQ	O	0.200	µg/L	ML	EPA7470A
0	Methyl ethyl ketone	<5.00	JU	LQ	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	LQ	O	5.00	µg/L	ML	EPA8260B
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,120	U			100	µg/L	WA	EPA353.2
0	Phenols	<37.0	J	I		37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	461	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	3,780	U			675	µg/L	ML	EPA6010B
0	Styrene	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Sulfate	1,660	JU	LQ	O	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<0.710	JU	LQ	O8	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	24,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<1,000	U			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	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<121	JU	LQ	O8	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	JU	LQ	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	LQ	O	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	136	U			30.0	µg/L	ML	EPA6010B
0	Carbon-14	4.62E-09±5.14E-09	U			8.61E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.11E-09±2.83E-09	U			8.45E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	5.37E-09±2.75E-09	U			8.58E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.86E-09±2.21E-09	U			6.38E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.32E-09±1.83E-09	U			6.46E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.88E-10±7.26E-10	J	I		9.68E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.37E-09±6.27E-10	J	I		1.17E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.42E-11±3.55E-10	U			8.21E-10	µCi/mL	GP	EPIA-004
2	Tritium	1.41E-03±7.82E-06	U			7.20E-07	µCi/mL	ML	EPIA-002

B-32

Second Quarter 2000

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/00
 Depth to water: 71.66 ft (21.84 m) below TOC
 Water elevation: 227.04 ft (69.2 m) msl
 pH: 5.5
 Sp. conductance: 30 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 41 gal

Time: 10:36
 Water temperature: 21.1°C
 Air temperature: 26.5°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	Alkalinity (as CaCO ₃)	<24.8	U		24.8	mg/L	WA	EPA310.1	
0	Aluminum, total recoverable	23.7	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	10.1			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	<6.28	U	V	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	J	I	7.00	µg/L	WA	EPA6010B	
0	Copper, total recoverable	<15.0	U		15.0	µg/L	WA	EPA6010B	
0	Cyanide	<15.2	U		15.2	µg/L	WA	EPA9014	
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	<9.35	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	18.8	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	0.650	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	1.050			100	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	Silver, total recoverable	<5.00	U		5.00	µg/L	WA	EPA6010B	
0	Sulfate	410			340	µg/L	WA	EPA9056	
0	1,1,2,2-Tetrachloroethane	<5.00	U		5.00	µg/L	WA	EPA8260B	
1	Tetrachloroethylene	2.56	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	28,000	J	IQ	50,000	µg/L	WA	EPA160.1	
0	Total organic carbon	328	J	I	1,000	µg/L	WA	EPA9060	
0	Total organic halogens	38.0	J	IL	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	15.8			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	<53.0	U		53.0	µg/L	WA	EPA6010B	
0	Carbon-14	2.05E-09±5.03E-09	U		8.60E-09	µCi/mL	GP	EPIA-003	
0	Gross alpha	3.11E-09±8.78E-10			7.97E-10	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	2.92E-09±7.75E-10			1.26E-09	µCi/mL	GP	EPIA-001	
0	Radium-226	4.75E-10±4.36E-10	U		6.41E-10	µCi/mL	GP	EPIA-008	
0	Radium-228	1.34E-10±6.42E-10	U		1.28E-09	µCi/mL	GP	EPIA-009	
0	Strontium-90	-1.56E-10±2.88E-10	U		6.99E-10	µCi/mL	GP	EPIA-004	
2	Tritium	3.68E-04±7.25E-06			1.31E-06	µCi/mL	GP	EPIA-002	

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 Depth to water: 129.07 ft (39.34 m) below TOC
 Water elevation: 158.13 ft (48.2 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 31 gal

Time: 9:29
 Water temperature: Not available
 Air temperature: 30.5°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	Acetone	<10.0	U		10.0	µg/L	ML	EPA8260B	
2	Aluminum, total recoverable	330			40.0	µg/L	ML	EPA6010B	
1	Antimony, total recoverable	4.30	J	I	20.0	µg/L	ML	EPA6010B	
0	Arsenic, total recoverable	<20.0	U		20.0	µg/L	ML	EPA6010B	
0	Barium, total recoverable	72.2			15.0	µg/L	ML	EPA6010B	
0	Benzene	<1.00	U		1.00	µg/L	ML	EPA8260B	
0	Beryllium, total recoverable	<5.00	U		5.00	µg/L	ML	EPA6010B	
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	Cadmium, total recoverable	<25.0	U		25.0	µg/L	ML	EPA6010B	
0	Calcium, total recoverable	115,000			120	µg/L	ML	EPA6010B	
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	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	Cyanide	<20.0	U		20.0	µg/L	ML	EPA9014	
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	Iron, total recoverable	14.2			40.0	µg/L	ML	EPA6010B	
0	Lead, total recoverable	<7.20	JU	I	20.0	µg/L	ML	EPA6010B	
0	Magnesium, total recoverable	<185	U	4	185	µg/L	ML	EPA6010B	
0	Manganese, total recoverable	<10.0	U		10.0	µg/L	ML	EPA6010B	
0	Mercury, total recoverable	<0.200	U		0.200	µg/L	ML	EPA7470A	
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	Nickel, total recoverable	<60.0	U		60.0	µg/L	ML	EPA6010B	
0	Potassium, total recoverable	910	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	3,320			675	µg/L	ML	EPA6010B	
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	
2	Thallium, total recoverable	5.33	J	I	20.0	µg/L	ML	EPA6010B	
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	9.46			1.00	µg/L	ML	EPA8260B	
0	Vanadium, total recoverable	9.20	J	I	30.0	µg/L	ML	EPA6010B	
0	Vinyl acetate	<5.00	U		5.00	µg/L	ML	EPA8260B	
0	Xylenes	<1.00	U		1.00	µg/L	ML	EPA8260B	
0	Zinc, total recoverable	212			30.0	µg/L	ML	EPA6010B	
0	Carbon-14	4.20E-09±4.99E-09	U		8.38E-09	µCi/mL	GP	EPIA-003	
0	Gross alpha	6.76E-09±3.46E-09			1.08E-08	µCi/mL	ML	EPIA-001	
0	Nonvolatile beta	1.90E-09±1.80E-09	U		6.58E-09	µCi/mL	ML	EPIA-001	
0	Radium-226	3.61E-10±5.00E-10	U		8.38E-10	µCi/mL	GP	EPIA-008	
0	Radium-228	1.05E-09±8.39E-10	U		1.54E-09	µCi/mL	GP	EPIA-009	
0	Strontium-90	-4.49E-10±2.76E-10	U		8.05E-10	µCi/mL	GP	EPIA-004	
0	Tritium	2.41E-06±5.08E-07			5.72E-07	µCi/mL	ML	EPIA-002	

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 Depth to water: 129.07 ft (39.34 m) below TOC
 Water elevation: 158.13 ft (48.2 m) msl
 pH: 11.3
 Sp. conductance: 1,155 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 10:00
 Water temperature: 22.1°C
 Air temperature: 29.6°C
 Total alkalinity (as CaCO₃): 243 mg/L
 Phenolphthalein alkalinity: 232 mg/L
 Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO ₃)	250				24.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	461				146	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266		U		266	µg/L	WA	EPA6010B
0	Iron, total recoverable	103				74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	29.6				2.70	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	379				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0		U		37.0	µg/L	WA	EPA9066
0	Sulfate	6,970				340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0		U		70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	284,000				50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,110				1,000	µg/L	WA	EPA9060
0	Total organic halogens	27.9		J	I	120	µg/L	WA	EPA9020B

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 60.77 ft (18.52 m) below TOC
 Water elevation: 224.73 ft (68.5 m) msl
 pH: 5
 Sp. conductance: 23 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 12:35
 Water temperature: 23.1°C
 Air temperature: 36.7°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	Acetone	<10.0		U		10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<13.4		U		13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	303				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	737				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				20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	6.68		J	I	15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00		U		1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00		U		5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	26.8		J	I	266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0		U		25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	703				120	µg/L	ML	EPA6010B
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	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	66.0				60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0		U		20.0	µg/L	ML	EPA9014
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	<6.83		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

ESH-EMS-2000406

Well BGO 26D collected on 05/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Hexanone	<5.00		U		5.00	µg/L	ML	EPA8260B
2	Iron, total recoverable	401				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	588				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	20.7				20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.550		J	I	2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	445				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	8.25		J	I	10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200		U		0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0		U		60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	528				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0		U		37.0	µg/L	WA	EPA9066
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	1,750				675	µg/L	ML	EPA6010B
0	Styrene	<1.00		U		1.00	µg/L	ML	EPA8260B
0	Sulfate	<555			V	340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0		U		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0		U		70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00		U		1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	27,000		J	I	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	366		J	I	1,000	µg/L	WA	EPA9060
0	Total organic halogens	20.4		J	I	120	µg/L	WA	EPA9020B
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	<33.9		U		1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0		U		30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00		U		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00		U		1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	35.3				30.0	µg/L	ML	EPA6010B
0	Carbon-14	2.76E-09±5.04E-09		U		8.57E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.10E-10±1.78E-09		U		8.35E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.60E-08±3.04E-09		U		6.34E-09	µCi/mL	ML	EPIA-001
0	Radium-226	5.95E-10±6.01E-10		U		9.16E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.47E-10±5.82E-10		U		1.14E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.13E-08±8.37E-10				9.41E-10	µCi/mL	GP	EPIA-004
0	Tritium	6.59E-06±7.32E-07				7.20E-07	µCi/mL	ML	EPIA-002

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 57.94 ft (17.66 m) below TOC
 Water elevation: 218.06 ft (66.47 m) msl
 pH: 7.4
 Sp. conductance: 148 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 121 gal

Time: 13:52
 Water temperature: 21.1°C
 Air temperature: 35.8°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	Acetone	<10.0		JU	L	O	10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO3)	45.0				13.4	mg/L	WA	EPA310.1	
1	Aluminum, total recoverable	25.5		J	I	146	µg/L	WA	EPA6010B	
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	6.33		J	I	15.0	µg/L	ML	EPA6010B	
0	Benzene	<1.00		JU	L	O	1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00		U		5.00	µg/L	ML	EPA6010B	
0	Boron, total recoverable	<266		U		266	µg/L	WA	EPA6010B	
0	Bromodichloromethane	<1.00		JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00		JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00		JU	L	O	1.00	µg/L	ML	EPA8260B
0	Cadmium, total recoverable	<25.0		U		25.0	µg/L	ML	EPA6010B	
0	Calcium, total recoverable	23,600				120	µg/L	ML	EPA6010B	
0	Carbon disulfide	<5.00		JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00		JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00		JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00		JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00		JU	L	O	1.00	µg/L	ML	EPA8260B

B-34

Second Quarter 2000

Well BGO 27C collected on 05/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
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	12.5	J	I		60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<6.03	JU	L	O8	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	J	L	O	5.00	µg/L	ML	EPA8260B
0	Iron, total recoverable	23.6	J	I		74.0	µg/L	VA	EPA6010B
0	Iron, total recoverable	81.4				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<4.36	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.800	J	I		2.70	µg/L	VA	EPA6010B
0	Magnesium, total recoverable	316				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	4.77	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,160				100	µg/L	VA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	VA	EPA9066
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	1,720				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Sulfate	<402	U	V		340	µg/L	VA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<6.23	U	V		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	VA	EPA6010B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	78,000				50,000	µg/L	VA	EPA160.1
0	Total organic carbon	<1,000	U			1,000	µg/L	VA	EPA9060
0	Total organic halogens	38.9	J	I		120	µg/L	VA	EPA9020B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<30.5	JU	L	O8	1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	58.5				30.0	µg/L	ML	EPA6010B
0	Carbon-14	-3.07E-10±4.94E-09	U			8.60E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	8.24E-09±3.25E-09	U			8.97E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	6.82E-09±2.35E-09	U	V		6.52E-09	µCi/mL	ML	EPIA-001
0	Radium-226	2.60E-10±4.49E-10	U			8.05E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.74E-10±4.70E-10	U			9.21E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.50E-12±2.91E-10	U			5.42E-10	µCi/mL	GP	EPIA-004
2	Tritium	2.52E-04±3.34E-06				7.24E-07	µCi/mL	ML	EPIA-002

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/00
 Depth to water: 57.15 ft (17.42 m) below TOC
 Water elevation: 219.15 ft (66.8 m) msl
 pH: 6.1
 Sp. conductance: 29 µS/cm
 Turbidity: 14 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 14:25
 Water temperature: 27.2°C
 Air temperature: 36.9°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<24.8	U			24.8	mg/L	VA	EPA310.1
2	Aluminum, total recoverable	359				146	µg/L	VA	EPA6010B
2	Aluminum, total recoverable	108	J	I		146	µg/L	VA	EPA6010B

ESH-EMS-2000406

Well BGO 27D collected on 05/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	339				40.0	µg/L	ML	EPA6010B
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
1	Antimony, total recoverable	5.84	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, 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	12.7	J	I		15.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	12.9	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	740				120	µg/L	ML	EPA6010B
0	Calcium, total recoverable	764				120	µg/L	ML	EPA6010B
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	Chromium, total recoverable	<30.0	U			30.0	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	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	62.9				60.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	55.8	J	I		60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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
2	Iron, total recoverable	672	J	L	IX	74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	412				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	567				40.0	µg/L	ML	EPA6010B
1	Iron, total recoverable	273				40.0	µg/L	ML	EPA6010B
1	Lead, total recoverable	25.5				20.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	20.9				20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.430	J	I		2.70	µg/L	VA	EPA6010B
0	Magnesium, total recoverable	1,170				185	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,210				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	19.0				7.80	µg/L	WA	EPA6010B
0	Manganese, total recoverable	18.2				10.0	µg/L	ML	EPA6010B
0	Manganese, total recoverable	17.0				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,500				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	1,040	J	I		1,870	µg/L	ML	EPA6010B
0	Potassium, total recoverable	1,090	J	I		1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	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	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	1,010				675	µg/L	ML	EPA6010B
0	Sodium, total recoverable	1,040				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<300	U	V		340	µg/L	VA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B

B-35

Second Quarter 2000

Well BGO 27D collected on 05/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	24,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	323	J			1,000	µg/L	WA	EPA9060
0	Total organic halogens	24.6	J	IL	I	120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	27.0	J	I		30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	29.4	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	3.16E-09±5.08E-09	U			8.60E-09	µCi/mL	GP	EPIA-003
2	Gross alpha	1.51E-08±3.91E-09	J	I		8.39E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.29E-09±1.76E-09	U			6.40E-09	µCi/mL	ML	EPIA-001
0	Radium-226	8.90E-10±5.57E-10	J	I		6.85E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.19E-09±8.72E-10	U			1.70E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.26E-10±3.50E-10	JU	L	I	8.07E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	3.49E-10±4.09E-10	JU	L	I	8.84E-10	µCi/mL	GP	EPIA-004
2	Tritium	8.78E-05±1.98E-06				5.78E-07	µCi/mL	ML	EPIA-002

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 54.57 ft (16.63 m) below TOC
 Water elevation: 222.83 ft (67.92 m) msl
 pH: 6.1
 Sp. conductance: 67 µS/cm
 Turbidity: 31 NTU

Time: 9:42
 Water temperature: 23.7°C
 Air temperature: 21.9°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	Alkalinity (as CaCO ₃)	4.00	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, dissolved	20.1	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	352				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	284				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	28.5				1.80	µg/L	WA	EPA6010B
0	Barium, total recoverable	27.5				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	<3.24	U	V		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	1.57	J	I		5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
2	Chloroethene (Vinyl chloride)	8.37	J	I		10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	1.41	J	I		5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	<2.70	U	V		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	29.2				7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	6.00	J	I		15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	6.41				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	1.57	J	I		5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.27	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	1.62	J	I		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	1.910				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	2,380	J	L	IX	74.0	µg/L	WA	EPA6010B

ESH-EMS-2000406

Well BGO 28D collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Iron, total recoverable	2,320				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	7.60	J	I		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	13.1	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	8.90				2.70	µg/L	WA	EPA6010B
2	Manganese, total recoverable	149				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	Nickel, total recoverable	31.5				26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	603				20.0	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	7,260				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	1.72	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	62,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,590				1,000	µg/L	WA	EPA9060
2	Total organic halogens	372				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	142				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	30.2	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	9.28E-09±3.63E-09	J	I		5.80E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.08E-09±9.72E-10				5.17E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	2.50E-08±1.51E-09				1.36E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.13E-09±6.25E-10	J	I		7.17E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.58E-10±3.29E-10	U			6.34E-10	µCi/mL	GP	EPIA-009
2	Strontium-90	9.72E-09±7.40E-10				7.78E-10	µCi/mL	GP	EPIA-004
2	Tritium	7.70E-02±1.34E-03				3.50E-05	µCi/mL	GP	EPIA-002

WELL BGO 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/00
 Depth to water: 45.18 ft (13.77 m) below TOC
 Water elevation: 219.62 ft (66.94 m) msl
 pH: 5.3
 Sp. conductance: 28 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 68 gal

Time: 12:22
 Water temperature: 24.3°C
 Air temperature: 31.6°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	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	5.21	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	176				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	1,620				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	Iron, total recoverable	13.9	J	I		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	657				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	6.87	J	I		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	3,540				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	76.2				30.0	µg/L	ML	EPA6010B

B-36

Second Quarter 2000

WELL BGO 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/00
 Depth to water: 42.32 ft (12.9 m) below TOC
 Water elevation: 223.18 ft (68.03 m) msl
 pH: 5
 Sp. conductance: 51 µS/cm
 Turbidity: 10 NTU
 Water evacuated from the well prior to sampling: 2 gal

Time: 12:40
 Water temperature: 21.6°C
 Air temperature: 27.9°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
1	Aluminum, total recoverable	48.6			40.0	µg/L	ML	EPA6010B	
1	Antimony, total recoverable	5.05	J	I	20.0	µg/L	ML	EPA6010B	
0	Arsenic, total recoverable	<20.0	U		20.0	µg/L	ML	EPA6010B	
0	Barium, total recoverable	303			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	3,630			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	Iron, total recoverable	83.3			40.0	µg/L	ML	EPA6010B	
0	Lead, total recoverable	<20.0	U		20.0	µg/L	ML	EPA6010B	
0	Magnesium, total recoverable	1,120			185	µg/L	ML	EPA6010B	
2	Manganese, total recoverable	51.3			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	3,840			675	µg/L	ML	EPA6010B	
2	Thallium, total recoverable	5.18	J	I	20.0	µg/L	ML	EPA6010B	
0	Vanadium, total recoverable	<30.0	U		30.0	µg/L	ML	EPA6010B	
0	Zinc, total recoverable	117			30.0	µg/L	ML	EPA6010B	

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/00
 Depth to water: 54.86 ft (16.72 m) below TOC
 Water elevation: 219.64 ft (66.95 m) msl
 pH: 8
 Sp. conductance: 26 µS/cm
 Turbidity: 15 NTU
 Water evacuated from the well prior to sampling: 13 gal

Time: 10:45
 Water temperature: 23°C
 Air temperature: 26.6°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	Alkalinity (as CaCO ₃)	4.00	J	I	13.4	mg/L	WA	EPA310.1	
0	Aluminum, dissolved	<146	U		146	µg/L	WA	EPA6010B	
2	Aluminum, total recoverable	77.6	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	6.20			1.80	µg/L	WA	EPA6010B	
0	Barium, total recoverable	6.20			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	2.60	J	I	7.00	µg/L	WA	EPA6010B	
0	Copper, total recoverable	7.40	J	I	15.0	µg/L	WA	EPA6010B	
0	Cyanide	<50.0	JU	Q	50.0	µg/L	WA	EPA9014	

ESH-EMS-2000406

Well BGO 30C collected on 05/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	<4.46	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, dissolved	37.2	J	I	74.0	µg/L	WA	EPA6010B	
1	Iron, total recoverable	159			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	4.60			2.70	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	229	J	L	20.0	µg/L	WA	EPA353.2	
0	Nitrate-nitrite as nitrogen	226	J	L	20.0	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	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	V	5.00	µg/L	WA	EPA6010B	
0	Silver, total recoverable	<5.00	U		5.00	µg/L	WA	EPA6010B	
0	Sulfate	729			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	14,000	J	IQ	50,000	µg/L	WA	EPA160.1	
0	Total organic carbon	2,130			1,000	µg/L	WA	EPA9060	
0	Total organic halogens	37.2	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	13.2			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	54.3			53.0	µg/L	WA	EPA6010B	
0	Carbon-14	2.13E-09±3.41E-09	U		5.76E-09	µCi/mL	GP	EPIA-003	
0	Gross alpha	-2.30E-10±3.51E-10	U		9.68E-10	µCi/mL	GP	EPIA-001	
0	Gross alpha	4.22E-10±4.24E-10	U		7.71E-10	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	7.16E-11±9.07E-10	U		1.92E-09	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	7.76E-10±8.91E-10	U		1.79E-09	µCi/mL	GP	EPIA-001	
0	Radium-226	2.33E-09±7.72E-10			4.66E-10	µCi/mL	GP	EPIA-008	
0	Radium-228	-9.13E-11±4.71E-10	U		1.08E-09	µCi/mL	GP	EPIA-009	
0	Strontium-90	1.00E-13±2.55E-10	U		5.70E-10	µCi/mL	GP	EPIA-004	
2	Tritium	5.57E-04±1.10E-05			1.87E-06	µCi/mL	GP	EPIA-002	

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 52.3 ft (15.94 m) below TOC
 Water elevation: 222.5 ft (67.82 m) msl
 pH: 5.7
 Sp. conductance: 85 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 55 gal

Time: 11:01
 Water temperature: 22.5°C
 Air temperature: 25.8°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	Alkalinity (as CaCO ₃)	4.00	J	I	13.4	mg/L	WA	EPA310.1	
2	Aluminum, dissolved	57.0	J	I	146	µg/L	WA	EPA6010B	
2	Aluminum, total recoverable	184			146	µg/L	WA	EPA6010B	
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, 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	21.2			1.80	µg/L	WA	EPA6010B	
0	Barium, total recoverable	21.6			1.80	µg/L	WA	EPA6010B	
0	Benzene	1.16	J	I	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	

B-37

Second Quarter 2000

Well BGO 30D collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	5,850				471	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)	5.71	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	<0.770	U	V		7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.80	J	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	10.1	J	I		15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	8.33				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	1.49	J	I		5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	1.07	J	I		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	264				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	342	J	L	IX	74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	430				74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	14.1	J	I		47.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	14.2	J	I		47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	3.00				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	668				74.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	65.7				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	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	1,780				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	316				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	7,810				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	9,490				285	µg/L	WA	EPA6010B
0	Sulfate	1,610				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	1.52	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	95,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,430				1,000	µg/L	WA	EPA9060
2	Total organic halogens	189				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	24.3				5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	3.65	J	I		5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	177				53.0	µg/L	WA	EPA6010B
0	Carbon-14	7.29E-09±3.57E-09	J	I		5.79E-09	µCi/mL	GP	EPIA-003
1	Gross alpha	7.91E-09±1.15E-09				7.01E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.04E-08±1.12E-09				1.41E-09	µCi/mL	GP	EPIA-001
1	Radium-226	2.81E-09±9.46E-10				7.76E-10	µCi/mL	GP	EPIA-008
1	Radium-228	2.73E-09±6.86E-10				1.12E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	2.88E-09±5.30E-10				8.34E-10	µCi/mL	GP	EPIA-004
2	Tritium	1.02E-02±1.98E-04				1.01E-05	µCi/mL	GP	EPIA-002

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 50.79 ft (15.48 m) below TOC
 Water elevation: 222.31 ft (67.76 m) msl
 pH: 5.6
 Sp. conductance: 29 µS/cm
 Turbidity: 12 NTU
 Water evacuated from the well prior to sampling: 100 gal

Time: 11:00
 Water temperature: 23°C
 Air temperature: 26.6°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	Alkalinity (as CaCO ₃)	2.00	J	I		13.4	mg/L	WA	EPA310.1
2	Aluminum, dissolved	83.1	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	84.8	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	8.50				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	<2.65	U	V		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	0.984	J	I		5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chromium, dissolved	<1.60	U	V		7.00	µg/L	WA	EPA6010B
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	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
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	<9.98	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, dissolved	134				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	298				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	1.20	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	Nitrate-nitrite as nitrogen	1,210				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	380				340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	11.1				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	63,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,290				1,000	µg/L	WA	EPA9060
0	Total organic halogens	32.6	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
1	Trichloroethylene	2.71	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	8.70	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	2.09E-08±3.92E-09				5.78E-09	µCi/mL	GP	EPIA-003

Well BGO 31C collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	4.83E-09±9.72E-10				8.66E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.17E-09±8.81E-10	J	I		1.47E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.67E-09±7.11E-10	J	I		5.36E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.23E-10±4.66E-10	U			9.91E-10	µCi/mL	GP	EPIA-009
0	Radium-228	2.77E-10±3.71E-10	U			7.85E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-8.20E-12±3.34E-10	U			6.77E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-8.20E-12±3.34E-10	U			6.77E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-3.50E-12±2.74E-10	U			5.56E-10	µCi/mL	GP	EPIA-004
2	Tritium	5.30E-03±1.01E-04				6.60E-06	µCi/mL	GP	EPIA-002

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/00
 Depth to water: 50.35 ft (15.35 m) below TOC
 Water elevation: 223.35 ft (68.08 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 8 gal

Time: 8:45
 Water temperature: Not available
 Air temperature: 25.8°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<12.4	U			12.4	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	48.9	J	I		146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	4.63	J	I		20.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	4.03	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, 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	3.94	J	I		15.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	3.92	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	VIA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	377				120	µg/L	ML	EPA6010B
0	Calcium, total recoverable	370				120	µg/L	ML	EPA6010B
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
2	Chloroethene (Vinyl chloride)	2.30				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	Chromium, total recoverable	<30.0	U			30.0	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	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	43.9	J	I		60.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	44.5	J	I		60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	1.38				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	0.640	J	I		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
1	Iron, total recoverable	188				74.0	µg/L	VIA	EPA6010B
1	Iron, total recoverable	168				40.0	µg/L	ML	EPA6010B
0	Iron, total recoverable	128				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	20.3				20.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	11.7	J	I		20.0	µg/L	ML	EPA6010B

ESH-EMS-2000406

Well BGO 31D collected on 05/12/00 (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	Magnesium, total recoverable	1,070				185	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,090				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	5.76	J	I		10.0	µg/L	ML	EPA6010B
0	Manganese, total recoverable	4.47	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	0.133	J	I		0.200	µg/L	ML	EPA7470A
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,190				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	<1,870	U			1,870	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	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	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	1,730				675	µg/L	ML	EPA6010B
0	Sodium, total recoverable	1,710				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<222	U	V		340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	35,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	369	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	40.9	J	IL	I	120	µg/L	WA	EPA9020B
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	1.78				1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	31.2				30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	28.5	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	2.55E-09±5.07E-09				8.64E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.26E-09±2.69E-09	U			8.40E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-1.32E-09±1.28E-09	U			6.38E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.72E-10±5.82E-10	J	I		6.99E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-2.27E-10±6.22E-10	U			1.36E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	2.62E-10±4.93E-10	U			1.11E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.52E-04±3.34E-06				5.90E-07	µCi/mL	ML	EPIA-002
2	Tritium	2.49E-04±3.32E-06				5.88E-07	µCi/mL	ML	EPIA-002

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/00
 Depth to water: 57.58 ft (17.55 m) below TOC
 Water elevation: 224.12 ft (68.31 m) msl
 pH: 5.5
 Sp. conductance: 85 µS/cm
 Turbidity: 45 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 13:15
 Water temperature: 32.1°C
 Air temperature: 35.9°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<12.4	U			12.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	615				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	1,450				40.0	µg/L	ML	EPA6010B
2	Aluminum, total recoverable	452				40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	4.54	J	I		20.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	4.96	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, 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	118				15.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	109				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B

B-39

Second Quarter 2000

Well BGO 32D collected on 05/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	520				120	µg/L	ML	EPA6010B
0	Calcium, total recoverable	546				120	µg/L	ML	EPA6010B
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	1.14	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chromium, total recoverable	<30.0	U			30.0	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	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	155				60.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	137				60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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
2	Iron, total recoverable	400				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	959				40.0	µg/L	ML	EPA6010B
1	Iron, total recoverable	181				40.0	µg/L	ML	EPA6010B
2	Lead, total recoverable	56.3				20.0	µg/L	ML	EPA6010B
2	Lead, total recoverable	56.1				20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.600	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	1,030				185	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,070				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	14.5				10.0	µg/L	ML	EPA6010B
0	Manganese, total recoverable	13.6				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	4,890				200	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	1,210	J	I		1,870	µg/L	ML	EPA6010B
0	Potassium, total recoverable	1,220	J	I		1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	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	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	8,280				675	µg/L	ML	EPA6010B
0	Sodium, total recoverable	8,650				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<505	U	V		340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	5.64				1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	80,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	945	J	I		1,000	µg/L	WA	EPA9060
0	Total organic carbon	913	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	44.4	J	IL	I	120	µg/L	WA	EPA9020B
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	10.7				1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B

ESH-EMS-2000406

Well BGO 32D collected on 05/12/00 (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	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	23.9	J	I		30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	29.1	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	1.41E-08±5.47E-09	J	I		8.58E-09	µCi/mL	GP	EPIA-003
2	Gross alpha	2.08E-08±4.57E-09				8.72E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.58E-09±2.28E-09	U			6.44E-09	µCi/mL	ML	EPIA-001
0	Radium-226	8.74E-10±5.75E-10	J	I		7.25E-10	µCi/mL	GP	EPIA-008
2	Radium-228	5.47E-09±6.78E-10				8.43E-10	µCi/mL	GP	EPIA-009
1	Radium-228	4.40E-09±6.03E-10				8.31E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.46E-10±5.31E-10	U			1.34E-09	µCi/mL	GP	EPIA-004
2	Tritium	7.52E-04±5.72E-06				5.84E-07	µCi/mL	ML	EPIA-002

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
 Depth to water: 53.82 ft (16.4 m) below TOC
 Water elevation: 226.48 ft (69.03 m) msl
 pH: 4.9
 Sp. conductance: 42 µS/cm
 Turbidity: 15 NTU
 Water evacuated from the well prior to sampling: 9 gal

Time: 13:23
 Water temperature: 30.6°C
 Air temperature: 34.5°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<13.4	U			13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	127	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	133				40.0	µg/L	ML	EPA6010B
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	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	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	11.6	J	I		15.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	11.7	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,090				120	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,110				120	µg/L	ML	EPA6010B
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	Chromium, total recoverable	<30.0	U			30.0	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	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	78.3				60.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	78.3				60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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
1	Iron, total recoverable	195				74.0	µg/L	WA	EPA6010B

B-40

Second Quarter 2000

Well BGO 33D collected on 05/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Iron, total recoverable	240				40.0	µg/L	ML	EPA6010B
0	Iron, total recoverable	<39.9	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<8.34	JU		4	20.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<9.89	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.790	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	955				185	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	966				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	22.2				10.0	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.20	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200				0.200	µg/L	ML	EPA7470A
0	Mercury, total recoverable	<0.200				0.200	µg/L	ML	EPA7470A
0	Methyl ethyl ketone	<5.00				5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00				5.00	µg/L	ML	EPA8260B
0	Nickel, total recoverable	<60.0				60.0	µg/L	ML	EPA6010B
0	Nickel, total recoverable	<60.0				60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,560	J	L	I	40.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	J			37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	1,370	J	I		1,870	µg/L	ML	EPA6010B
0	Potassium, total recoverable	1,340	J	I		1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0				40.0	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0				40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0				50.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0				50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	2,460				675	µg/L	ML	EPA6010B
0	Sodium, total recoverable	2,460				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	J			1.00	µg/L	ML	EPA8260B
0	Sulfate	254	J	I		340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00				1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00				1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<8.32		V		20.0	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<20.0				20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0				70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00				1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	47,000	J		IQ	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	400	J			1,000	µg/L	WA	EPA9060
0	Total organic halogens	43.7	J	I		120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<1.00				1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00				1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00				1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0				30.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0				30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00				5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00				1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	19.5	J	I		30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	21.9	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	5.30E-09±4.94E-09		V		8.23E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	2.46E-09±4.85E-09		V		8.26E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	2.46E-09±4.85E-09				8.26E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	2.46E-09±4.85E-09				8.26E-09	µCi/mL	GP	EPIA-003
1	Gross alpha	1.04E-08±3.43E-09	J	IL	C	8.57E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	6.18E-09±2.29E-09				6.48E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.39E-10±5.48E-10	J	I		5.33E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.12E-09±5.55E-10				1.06E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	8.87E-11±3.00E-10	J			6.74E-10	µCi/mL	GP	EPIA-004
1	Tritium	1.71E-05±9.45E-07				5.58E-07	µCi/mL	ML	EPIA-002

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/00
 Depth to water: 46.13 ft (14.06 m) below TOC
 Water elevation: 228.77 ft (69.73 m) msl
 pH: 5.5
 Sp. conductance: 27 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 40 gal

Time: 8:00
 Water temperature: 21.1°C
 Air temperature: 18.4°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<12.4	U			12.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	94.6	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	73.9				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

ESH-EMS-2000406

Well BGO 34D collected on 05/15/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	18.8				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	761				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	45.9	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	34.3	J	I		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	10.5	J	I		20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.560	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	726				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,010				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	<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	1,630				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	241	J	I		340	µg/L	WA	EPA9056
0	Sulfate	198	J	I		340	µg/L	WA	EPA9056
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
2	Thallium, total recoverable	5.59	J	I		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	52,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	1,600				1,000	µg/L	WA	EPA9060
0	Total organic carbon	1,470				1,000	µg/L	WA	EPA9060
0	Total organic halogens	18.2	J	IL	I	120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	11.3	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	5.73E-09±5.29E-09	U			8.79E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.28E-09±2.91E-09	U			6.88E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	9.25E-10±1.69E-09	U			6.60E-09	µCi/mL	ML	EPIA-001
0	Radium-226	5.13E-10±4.35E-10	U			5.96E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.06E-10±4.61E-10	U			9.70E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-5.94E-10±4.61E-10	U			1.29E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.43E-05±8.87E-07				6.02E-07	µCi/mL	ML	EPIA-002

B-41

Second Quarter 2000

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 45.9 ft (13.99 m) below TOC
 Water elevation: 227.5 ft (69.34 m) msl
 pH: 5.5
 Sp. conductance: 30 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 150 gal

Time: 14:37
 Water temperature: 20.6°C
 Air temperature: 30.6°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	2.00	J	I		13.4	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO ₃)	2.00	J	I		13.4	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
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	11.0	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2,260				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<6.38	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	1.10	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	423				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	10.3				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,500				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
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	1,890				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<323	U	V		340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	31,000	J	I		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	272	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	<1.00	U			1.00	µg/L	ML	EPA8260B

Well BGO 35C collected on 05/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	8.07	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	-8.14E-10±5.01E-09	U			8.76E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	2.98E-09±5.06E-09	U			8.58E-09	µCi/mL	GP	EPIA-003
1	Gross alpha	9.45E-09±3.29E-09	J	I		8.47E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-1.94E-10±1.49E-09	U			6.36E-09	µCi/mL	ML	EPIA-001
0	Radium-226	7.18E-10±4.98E-10	J	I		2.43E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.68E-10±4.90E-10	U			9.94E-10	µCi/mL	GP	EPIA-009
0	Radium-228	1.24E-11±4.43E-10	U			9.47E-10	µCi/mL	GP	EPIA-009
0	Radium-228	1.24E-11±4.43E-10	U			9.47E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.16E-10±3.13E-10	U			6.77E-10	µCi/mL	GP	EPIA-004
2	Tritium	2.54E-04±3.35E-06				7.20E-07	µCi/mL	ML	EPIA-002
2	Tritium	2.57E-04±3.39E-06				7.30E-07	µCi/mL	ML	EPIA-002

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/00
 Depth to water: 42.41 ft (12.93 m) below TOC
 Water elevation: 231.09 ft (70.44 m) msl
 pH: 5.5
 Sp. conductance: 41 µS/cm
 Turbidity: 15 NTU
 Water evacuated from the well prior to sampling: 70 gal

Time: 10:10
 Water temperature: 22.5°C
 Air temperature: 22.1°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<12.4	U			12.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	251				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	830				40.0	µg/L	ML	EPA6010B
2	Antimony, total recoverable	6.80	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	11.2	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	302				120	µg/L	ML	EPA6010B
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	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	23.1	J	I		60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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
2	Iron, total recoverable	356				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	630				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<7.84	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.380	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	402				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	2.75	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A

Well BGO 35D collected on 05/15/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	2,270				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
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	5,260				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	630				340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	56,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	301	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	33.3	J	IL	I	120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	13.0	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	5.44E-09±5.18E-09	U			8.63E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	-5.03E-10±1.61E-09	U			8.53E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-9.27E-11±1.43E-09	U			6.41E-09	µCi/mL	ML	EPIA-001
0	Radium-226	5.27E-10±4.83E-10	U			7.11E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-2.73E-10±4.24E-10	U			9.41E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.70E-10±5.83E-10	U			1.27E-09	µCi/mL	GP	EPIA-004
2	Tritium	5.89E-05±1.66E-06	U			6.11E-07	µCi/mL	ML	EPIA-002

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/00
 Depth to water: 40.51 ft (12.35 m) below TOC
 Water elevation: 234.89 ft (71.6 m) msl
 pH: 5.5
 Sp. conductance: 22 µS/cm
 Turbidity: 8 NTU
 Water evacuated from the well prior to sampling: 52 gal

Time: 11:45
 Water temperature: 23.4°C
 Air temperature: 25.6°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<12.4	U			12.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	218				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	475				40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	4.68	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	14.0	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	63.9	J	I		120	µg/L	ML	EPA6010B
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	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	40.1	J	I		60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well BGO 36D collected on 05/15/00 (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
1	Iron, total recoverable	168				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	281				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	17.7	J	I		20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.610	J	I		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	366				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	5.10	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	320				20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
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	2,030				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	440				340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	48,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	221	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	22.0	J	IL	I	120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	16.5	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	9.03E-10±4.90E-09	U			8.45E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.99E-09±2.15E-09	U			8.49E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-6.88E-10±1.37E-09	U			6.43E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.80E-10±4.96E-10	J	I		1.77E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-9.76E-11±4.38E-10	U			9.41E-10	µCi/mL	GP	EPIA-009
0	Radium-228	8.14E-10±3.31E-10	J	I		5.77E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.26E-10±4.10E-10	U			1.07E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.83E-05±9.86E-07				6.08E-07	µCi/mL	ML	EPIA-002
1	Tritium	1.77E-05±9.76E-07				6.12E-07	µCi/mL	ML	EPIA-002

WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/00
 Depth to water: 34.62 ft (10.55 m) below TOC
 Water elevation: 251.68 ft (76.71 m) msl
 pH: 5.2
 Sp. conductance: 37 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 14:03
 Water temperature: 21.4°C
 Air temperature: 31.1°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	Alkalinity (as CaCO ₃)	2.00				1.0	mg/L	GE	EPA310.1
0	Alkalinity (as CaCO ₃)	<24.8	U			24.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	37.9	J	I		50.0	µg/L	GE	EPA6010B
1	Aluminum, total recoverable	50.7	J	I		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	JU	L	I	5.00	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	10.7				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	8.80				1.80	µg/L	WA	EPA6010B

B-43

Second Quarter 2000

Well BGO 37C collected on 05/15/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Boron, total recoverable	7.84	U	I		50.0	µg/L	GE	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Bromomethane	<5.69	U	V		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
1	Carbon tetrachloride	4.51	U	I		10.0	µg/L	GE	EPA8260B
1	Carbon tetrachloride	3.94	U	I		5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	GE	EPA8260B
2	Chloroethene (Vinyl chloride)	2.90	U	I		10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<50.0	U			50.0	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	48.2	U			10.0	µg/L	GE	EPA8260B
0	Chloroform	45.9	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	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	1.80	U	I		7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	20.2	U	L	I	5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	20.1	U			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	WA	EPA9012A
0	Cyanide	<15.2	U			15.2	µg/L	GE	EPA9014
0	Dibromochloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
2	1,1-Dichloroethane	34.1	U			10.0	µg/L	WA	EPA8260B
2	1,1-Dichloroethane	34.4	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	1.04	U	I		5.00	µg/L	GE	EPA8260B
2	1,1-Dichloroethylene	9.39	U	I		10.0	µg/L	WA	EPA8260B
2	1,1-Dichloroethylene	15.4	U			5.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	3.39	U	I		5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<20.2	U	V		50.0	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	1.55	U	I		5.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	13.3	U	I		74.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.90	U	IK	I4	5.00	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	GE	EPA6010B
0	Lithium, total recoverable	<1.37	U	V		10.0	µg/L	WA	EPA6020
0	Lithium, total recoverable	<0.920	U			2.70	µg/L	GE	EPA6010B
1	Mercury, total recoverable	1.32	U		6	0.200	µg/L	WA	EPA7470A
1	Mercury, total recoverable	1.28	U			0.700	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<5.00	U	L	I	5.00	µg/L	WA	EPA6010B
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	2.440	U			50.0	µg/L	WA	EPA353.1
0	Nitrate-nitrite as nitrogen	2.250	U			100	µg/L	GE	EPA353.2
0	Phenols	<5.00	U			5.00	µg/L	WA	EPA9066
0	Phenols	<37.0	U			37.0	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U	L	I	5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	0.990	U	I		5.00	µg/L	GE	EPA6010B
0	Sulfate	<406	U		6	200	µg/L	WA	EPA9056
0	Sulfate	<366	U		6	200	µg/L	GE	EPA9056
0	Sulfate	<435	U		6	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<10.0	U			10.0	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	10.9	U			10.0	µg/L	GE	EPA8260B

Well BGO 37C collected on 05/15/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tetrachloroethylene	15.1				5.00	µg/L	WA	EPA8260B
0	Tin, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total dissolved solids	<29,000	U			10,000	µg/L	GE	EPA160.1
0	Total dissolved solids	<25,000	JU	Q	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<363	U		6	200	µg/L	GE	EPA9060
0	Total organic carbon	<485	U		6	1,000	µg/L	WA	EPA9060
2	Total organic halogens	592	J	L	C	100	µg/L	GE	EPA9020B
2	Total organic halogens	697	J	L	I	120	µg/L	WA	EPA9020B
0	1,1,1-Trichloroethane	<10.0	U			10.0	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<10.0	U			10.0	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	347		L		10.0	µg/L	GE	EPA8260B
2	Trichloroethylene	320				5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	392				25.0	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorotrifluoroethane	<50.0	U			50.0	µg/L	GE	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	5.40	J	L	I	5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	5.80	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.78E-08±5.47E-09	J	I		8.36E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.72E-09±8.09E-10				6.63E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.48E-09±9.70E-10	J	I		8.30E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	2.00E-09±9.50E-10	J	I		8.50E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.30E-09±6.53E-10	J	I		1.25E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.12E-09±1.68E-09	J	I		1.61E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-6.80E-10±2.08E-09	U			2.09E-09	µCi/mL	TM	EPA900.0M
0	Radium-226	8.20E-10±5.01E-10	U		6	5.04E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.76E-10±5.57E-10	U			1.16E-09	µCi/mL	GP	EPIA-009
0	Radium-228	1.10E-09±1.13E-09	U			1.87E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	1.81E-09±1.21E-09	U			1.92E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	-1.22E-10±2.78E-10	U			6.77E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-3.64E-10±3.05E-10	U			7.73E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	1.40E-10±8.30E-10	U			1.47E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	-1.70E-10±7.30E-10	U			1.34E-09	µCi/mL	TM	EMLSR02M
2	Tritium	6.87E-02±1.15E-02				2.83E-05	µCi/mL	GP	EPIA-002
2	Tritium	6.62E-02±1.10E-03				2.69E-05	µCi/mL	GP	EPIA-002
2	Tritium	6.87E-02±1.15E-03				2.83E-05	µCi/mL	GP	EPIA-002
2	Tritium	3.37E-02±3.14E-04				3.76E-05	µCi/mL	TM	EPA906.0M
2	Tritium	4.43E-02±4.08E-04				4.82E-05	µCi/mL	TM	EPA906.0M

WELL BGO 37C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/00

Depth to water: 34.62 ft (10.55 m) below TOC

Water elevation: 251.68 ft (76.71 m) msl

pH: 5.2

Sp. conductance: 37 µS/cm

Turbidity: 1 NTU

No water was evacuated from the well prior to sampling.

Time: 14:03

Water temperature: 21.4°C

Air temperature: 31.1°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	Alkalinity (as CaCO3)	<24.8	U			24.8	mg/L	WA	EPA310.1
1	Aluminum, total recoverable	48.1	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	8.70				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	<4.00		V		10.0	µg/L	WA	EPA8260B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
1	Carbon tetrachloride	3.62	J	I		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)	3.59	J	I		10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	44.8				5.00	µg/L	WA	EPA8260B

Well BGO 37C collected on 05/15/00 (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	Copper, total recoverable	22.0				15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	1,1-Dichloroethane	33.9				5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	1.05	J	I		5.00	µg/L	WA	EPA8260B
2	1,1-Dichloroethylene	12.6				5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	2.23	J	I		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<4.84	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	1.58	J	I		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	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	<0.840	U		6	2.70	µg/L	WA	EPA6010B
1	Mercury, total recoverable	1.22				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	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	<540	U		6	340	µg/L	WA	EPA9056
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	14.1				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	JU	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<351	U		6	1,000	µg/L	WA	EPA9060
2	Total organic halogens	667	J	L	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	1.23	J	I		5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	304		L		5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	382				25.0	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	5.40	J	I		53.0	µg/L	WA	EPA6010B
0	Carbon-14	4.53E-08±2.60E-08	J			4.21E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	3.32E-08±2.56E-08	J			4.22E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	2.23E-09±7.24E-10				6.14E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.19E-09±6.97E-10	J	I		1.19E-09	µCi/mL	GP	EPIA-001
0	Radium-226	4.37E-10±3.67E-10	U			4.61E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.75E-10±5.30E-10	U			1.01E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.14E-10±2.49E-10	U			6.11E-10	µCi/mL	GP	EPIA-004
2	Tritium	6.72E-02±1.11E-03				2.67E-05	µCi/mL	GP	EPIA-002

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6
 Sp. conductance: 21 µS/cm
 Turbidity: 26 NTU
 Water evacuated from the well prior to sampling: 18 gal

Time: 11:50
 Water temperature: 23.1°C
 Air temperature: 27.2°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<12.4	U			12.4	mg/L	VIA	EPA310.1
2	Aluminum, total recoverable	254				146	µg/L	VIA	EPA6010B
2	Aluminum, total recoverable	698	J	L	I	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	9.09	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	VIA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	295				120	µg/L	ML	EPA6010B

ESH-EMS-2000406

Well BGO 37D collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	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	29.7	J	I		60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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
2	Iron, total recoverable	482	J	L	IX	74.0	µg/L	VIA	EPA6010B
2	Iron, total recoverable	533				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	14.0	J	I		20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	<0.460	U		6	2.70	µg/L	VIA	EPA6010B
0	Magnesium, total recoverable	302				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	6.62	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,420				100	µg/L	VIA	EPA353.2
0	Nitrate-nitrite as nitrogen	1,380				100	µg/L	VIA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	VIA	EPA9066
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	3,050				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<218			6	340	µg/L	VIA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	VIA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	59,000	J	Q		50,000	µg/L	VIA	EPA160.1
0	Total organic carbon	1,880				1,000	µg/L	VIA	EPA9060
0	Total organic halogens	<120	JU	L	I	120	µg/L	VIA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	77.3				30.0	µg/L	ML	EPA6010B
0	Carbon-14	5.90E-09±5.53E-09	U			9.20E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.42E-09±2.78E-09	JU	L	C	8.66E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	3.79E-09±2.55E-09	JU	L	C	8.82E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	9.62E-10±1.67E-09	U			6.53E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-8.06E-10±1.41E-09	U			6.64E-09	µCi/mL	ML	EPIA-001
0	Radium-226	7.43E-10±5.46E-10	U			7.28E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.55E-11±3.83E-10	U			8.13E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	1.50E-10±4.09E-10	U			9.09E-10	µCi/mL	GP	EPIA-004
2	Tritium	2.29E-05±1.01E-06				5.17E-07	µCi/mL	ML	EPIA-002

B-45

Second Quarter 2000

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
 Depth to water: 54.61 ft (16.65 m) below TOC
 Water elevation: 236.99 ft (72.24 m) msl
 pH: 4.8
 Sp. conductance: 34 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 45 gal

Time: 13:00
 Water temperature: 23.5°C
 Air temperature: 37°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	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<26.8	U			26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	537				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	3,090				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	35.4				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	61.4	J	I		120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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
2	Iron, total recoverable	1,240				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	1,650				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<5.36	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	0.270	J	I		2.70	µg/L	VA	EPA6010B
0	Magnesium, total recoverable	863				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	9.50	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	2,150				200	µg/L	VA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	VA	EPA9066
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	1,270				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<351	U	V		340	µg/L	VA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	VA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	22,000	J		IQ	50,000	µg/L	VA	EPA160.1
0	Total organic carbon	1,380				1,000	µg/L	VA	EPA9060
0	Total organic halogens	26.2	J	I		120	µg/L	VA	EPA9020B
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

Well BGO 38D collected on 05/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	8.23	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	7.25E-09±5.28E-09	U			8.68E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	6.32E-09±2.93E-09	U			8.74E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	9.38E-10±1.71E-09	U			6.70E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.43E-10±6.93E-10	J	I		9.24E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.96E-10±5.18E-10	U			1.04E-09	µCi/mL	GP	EPIA-009
0	Radium-228	8.16E-10±5.96E-10	U			1.20E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.40E-11±3.31E-10	U			7.88E-10	µCi/mL	GP	EPIA-004
2	Tritium	2.19E-05±1.07E-06	U			6.10E-07	µCi/mL	ML	EPIA-002

WELL BGO 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
 Depth to water: 129.49 ft (39.47 m) below TOC
 Water elevation: 166.41 ft (50.72 m) msl
 pH: 7.2
 Sp. conductance: 209 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 46 gal

Time: 11:21
 Water temperature: 20.8°C
 Air temperature: 26.7°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	84.0				28.6	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
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	66.6				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	29,200				120	µg/L	ML	EPA6010B
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	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	Cyanide	71.4				20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	53.9	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	61.9				40.0	µg/L	ML	EPA6010B
2	Lead, total recoverable	107				20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	59.5				2.70	µg/L	VA	EPA6010B
0	Magnesium, total recoverable	692				185	µg/L	ML	EPA6010B
1	Manganese, total recoverable	35.8				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	190	J	I		200	µg/L	WA	EPA353.2

Well BGO 39A collected on 05/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Phenols	<37.0	JU	Q		37.0	µg/L	WA	EPA9066
0	Phenols	<37.0	JU	Q		37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	10,300				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	9,200				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	9,390				340	µg/L	WA	EPA9056
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
2	Thallium, total recoverable	6.10	J	I		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	150,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	527	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	18.2	J	I		120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	90.3				30.0	µg/L	ML	EPA6010B
0	Carbon-14	5.39E-09±5.13E-09	U			8.55E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.37E-09±3.11E-09	JU	L	I	1.02E-08	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.20E-09±2.42E-09	J	I		6.69E-09	µCi/mL	ML	EPIA-001
0	Radium-226	7.61E-10±6.42E-10	U			9.11E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-7.49E-11±6.18E-10	U			1.32E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.83E-10±3.93E-10	U			9.94E-10	µCi/mL	GP	EPIA-004
0	Tritium	2.00E-07±3.95E-07	U			5.57E-07	µCi/mL	ML	EPIA-002

WELL BGO 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/00

Depth to water: 66.32 ft (20.21 m) below TOC

Water elevation: 230.08 ft (70.13 m) msl

pH: 7.8

Sp. conductance: 50 µS/cm

Turbidity: 1 NTU

Water evacuated from the well prior to sampling: 44 gal

Time: 10:49

Water temperature: 21.4°C

Air temperature: 32.9°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	25.2	J	I		28.6	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
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	6.21	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	5,270				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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

ESH-EMS-2000406

Well BGO 39C collected on 05/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Iron, total recoverable	71.8	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	26.5	J	I		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	158	J	I		185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	4.92	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,640				100	µg/L	WA	EPA353.2
0	Phenols	<37.0	JU	Q		37.0	µg/L	WA	EPA9066
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	4,030				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<768	U	V		340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	30,000	J	IQ		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	778	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	41.6				30.0	µg/L	ML	EPA6010B
0	Carbon-14	1.33E-09±5.01E-09	U			8.62E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	3.64E-09±2.45E-09	U			8.48E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.41E-09±2.36E-09	J	I		6.43E-09	µCi/mL	ML	EPIA-001
0	Radium-226	4.05E-10±5.26E-10	U			8.73E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.66E-10±3.85E-10	U			7.70E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.40E-10±4.94E-10	U			1.12E-09	µCi/mL	GP	EPIA-004
1	Tritium	1.05E-05±8.02E-07				6.38E-07	µCi/mL	ML	EPIA-002

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/00

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
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	4.56	J	I		13.4	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO ₃)	3.60	J	I		13.4	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	610	J	K	I	146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	717	J	K	I	146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	460				146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	711				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	7.46	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B

B-47

Second Quarter 2000

Well BGO 39D collected on 05/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	34.0	U	I		120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA6010B
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
2	Iron, total recoverable	2,930				74.0	µg/L	VA	EPA6010B
2	Iron, total recoverable	3,560				74.0	µg/L	VA	EPA6010B
2	Iron, total recoverable	1,740				74.0	µg/L	VA	EPA6010B
2	Iron, total recoverable	804				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	VA	EPA6010B
0	Magnesium, total recoverable	121	U	I		185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	11.2				7.80	µg/L	VA	EPA6010B
0	Manganese, total recoverable	13.4				7.80	µg/L	VA	EPA6010B
0	Manganese, total recoverable	4.04		I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	1,580	U			100	µg/L	VA	EPA353.2
0	Phenols	<37.0	U	Q		37.0	µg/L	VA	EPA9066
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	3,890				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<627		V		340	µg/L	VA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	VA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	31,000		IQ		50,000	µg/L	VA	EPA160.1
0	Total organic carbon	917		I		1,000	µg/L	VA	EPA9060
0	Total organic halogens	<120				120	µg/L	VA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	21.5	U	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	7.43E-09±5.20E-09				8.54E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.00E-09±2.17E-09				8.54E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.21E-10±1.50E-09				6.38E-09	µCi/mL	ML	EPIA-001
0	Radium-226	4.45E-10±5.23E-10				8.27E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.03E-09±3.84E-10		I		6.72E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.70E-12±4.96E-10				1.19E-09	µCi/mL	GP	EPIA-004
2	Tritium	2.31E-05±1.10E-06				6.52E-07	µCi/mL	ML	EPIA-002
2	Tritium	2.30E-05±1.10E-06				6.51E-07	µCi/mL	ML	EPIA-002

WELL BGO 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 8.9
 Sp. conductance: 146 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 45 gal

Time: 11:15
 Water temperature: 20.9°C
 Air temperature: 27.2°C
 Total alkalinity (as CaCO₃): 70 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	42.2				40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	5.12	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	584				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	78,500				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	Iron, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<5.60	JU		4	20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	116	J	I		185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			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	14,700				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	14,700				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<11.8	U	V		20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	22.4	J	I		30.0	µg/L	ML	EPA6010B

WELL BGO 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 58.68 ft (17.89 m) below TOC
 Water elevation: 219.92 ft (67.03 m) msl
 pH: 5.9
 Sp. conductance: 25 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 62 gal

Time: 10:30
 Water temperature: 20.4°C
 Air temperature: 25.1°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	<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	352				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	1,580				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	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	431				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.20	J	I		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	6,380				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	9.72	J	I		30.0	µg/L	ML	EPA6010B

WELL BGO 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 54.34 ft (16.56 m) below TOC
 Water elevation: 224.26 ft (68.36 m) msl
 pH: 5.5
 Sp. conductance: 23 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 60 gal

Time: 11:00
 Water temperature: 20.1°C
 Air temperature: 26.4°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	<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	297				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	1,110				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	<60.0	U			60.0	µg/L	ML	EPA6010B
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	504				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.33	J	I		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	4,500				675	µg/L	ML	EPA6010B
2	Thallium, total recoverable	36.9				20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	27.7	J	I		30.0	µg/L	ML	EPA6010B

WELL BGO 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 50.24 ft (15.31 m) below TOC
 Water elevation: 215.16 ft (65.58 m) msl
 pH: 6.6
 Sp. conductance: 55 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 164 gal

Time: 9:05
 Water temperature: 20.1°C
 Air temperature: 21.9°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	<40.0	U			40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	4.17	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	218				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	7,890				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	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	319				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			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	3,480				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<23.5	U	V		20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	57.2				30.0	µg/L	ML	EPA6010B

WELL BGO 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 48.5 ft (14.78 m) below TOC
 Water elevation: 216.6 ft (66.02 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 26 gal

Time: 12:30
 Water temperature: Not available
 Air temperature: 29.8°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	Aluminum, dissolved	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	7.90				1.80	µg/L	WA	EPA6010B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, dissolved	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Iron, dissolved	82.4				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 BGO 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 43.12 ft (13.14 m) below TOC
 Water elevation: 221.98 ft (67.66 m) msl
 pH: 5.3
 Sp. conductance: 47 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 65 gal

Time: 12:49
 Water temperature: 22.2°C
 Air temperature: 30.1°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, dissolved	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	5.70				1.80	µg/L	WA	EPA6010B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, dissolved	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Iron, dissolved	<26.6	U	V		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 BGO 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 47.71 ft (14.54 m) below TOC
 Water elevation: 219.89 ft (67.02 m) msl
 pH: 5.9
 Sp. conductance: 39 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 89 gal

Time: 7:40
 Water temperature: 20.7°C
 Air temperature: 19.1°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
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	251				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	3,040				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	Iron, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B

Well BGO 47C collected on 05/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	689				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	6.81	J	I		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	3,620				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<25.0	U	V		20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	18.1	J	I		30.0	µg/L	ML	EPA6010B

WELL BGO 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 40.95 ft (12.48 m) below TOC
 Water elevation: 226.45 ft (69.02 m) msl
 pH: 5.8
 Sp. conductance: 50 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 50 gal

Time: 9:40
 Water temperature: 21.7°C
 Air temperature: 23.5°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	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	22.7				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	4,390				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	Iron, total recoverable	<30.9	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<7.53	JU		4	20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	803				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	10.1				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	<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	3,110				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	69.4				30.0	µg/L	ML	EPA6010B

WELL BGO 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 52.83 ft (16.1 m) below TOC
 Water elevation: 223.77 ft (68.21 m) msl
 pH: 5.7
 Sp. conductance: 47 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 104 gal

Time: 12:07
 Water temperature: 21.7°C
 Air temperature: 30.1°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, dissolved	<146	U			146	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	18.1				1.80	µg/L	WA	EPA6010B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, dissolved	<1.50	U	V		7.00	µg/L	WA	EPA6010B
0	Iron, dissolved	<19.9	U			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

ESH-EMS-2000406

WELL BGO 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 50.03 ft (15.25 m) below TOC
 Water elevation: 226.87 ft (69.15 m) msl
 pH: 4.9
 Sp. conductance: 55 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 70 gal

Time: 11:58
 Water temperature: 22°C
 Air temperature: 29.8°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, dissolved	102	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, dissolved	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, dissolved	117				1.80	µg/L	WA	EPA6010B
0	Cadmium, dissolved	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, dissolved	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Iron, dissolved	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Lead, dissolved	4.70	J	I		47.0	µg/L	WA	EPA6010B
0	Mercury, dissolved	0.258	J	I		0.700	µg/L	WA	EPA7470A
0	Selenium, dissolved	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, dissolved	0.510	J	I		5.00	µg/L	WA	EPA6010B

WELL BGO 50C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 39.63 ft (12.08 m) below TOC
 Water elevation: 215.87 ft (65.8 m) msl
 pH: 5.6
 Sp. conductance: 23 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 86 gal

Time: 8:30
 Water temperature: 20.1°C
 Air temperature: 21.7°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	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	5.58	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	334				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	1,340				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	Iron, total recoverable	<17.5	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	439				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	6.54	J	I		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	3,690				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<16.1	U	V		20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	56.6				30.0	µg/L	ML	EPA6010B

WELL BGO 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 34.22 ft (10.43 m) below TOC
 Water elevation: 221.78 ft (67.6 m) msl
 pH: 5.9
 Sp. conductance: 68 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 34 gal

Time: 10:36
 Water temperature: 22.2°C
 Air temperature: 25.3°C
 Total alkalinity (as CaCO₃): 19 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

B-50

Second Quarter 2000

Well BGO 50D collected on 05/17/00 (cont.)

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	604			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	10,500			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	Iron, total recoverable	<20.9	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	585			185		µg/L	ML	EPA6010B
0	Manganese, total recoverable	5.70	J	I	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	4,220			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	29.2	J	I	30.0		µg/L	ML	EPA6010B

WELL BRD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 39.18 ft (11.94 m) below TOC
 Water elevation: 166.62 ft (50.79 m) msl
 pH: 5.2
 Sp. conductance: 25 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 56 gal

Time: 10:12
 Water temperature: 19.9°C
 Air temperature: 19.1°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	Acenaphthene	<0.980	U	Y	0.980		µg/L	GE	EPA8270C
0	Acenaphthylene	<0.980	U	Y	0.980		µg/L	GE	EPA8270C
0	Acetone	<3.69	U	VY	5.00		µg/L	GE	EPA8260B
0	Aldrin	<0.0396	U	Y	0.0396		µg/L	GE	EPA8081A
2	Aluminum, total recoverable	386			50.0		µg/L	GE	EPA6010B
2	Aluminum, total recoverable	105	J	I	146		µg/L	VA	EPA6010B
0	Anthracene	<0.980	U	Y	0.980		µg/L	GE	EPA8270C
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	24.3			5.00		µg/L	GE	EPA6010B
0	Benzene	<1.00	U	Y	1.00		µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0198	U	Y	0.0198		µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0198	U	Y	0.0198		µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0198	U	Y	0.0198		µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<0.980	U	Y	0.980		µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.980	U	Y	0.980		µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.980	U	Y	0.980		µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.980	U	Y	0.980		µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.980	U	Y	0.980		µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<9.80	U	Y	9.80		µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<9.80	U	Y	9.80		µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<9.80	U	Y	9.80		µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<0.980	U	Y	0.980		µg/L	GE	EPA8270C
0	Boron, total recoverable	<266	U		266		µg/L	VA	EPA6010B
0	Bromodichloromethane	<1.00	U	Y	1.00		µg/L	GE	EPA8260B
0	Bromoform	<1.00	U	Y	1.00		µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U	Y	1.00		µg/L	GE	EPA8260B
0	4-Bromophenyl phenyl ether	<9.80	U	Y	9.80		µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<9.80	U	Y	9.80		µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Calcium, total recoverable	841			100		µg/L	GE	EPA6010B
0	Carbazole	<9.80	U	Y	9.80		µg/L	GE	EPA8270C
0	Carbon disulfide	0.720	J	IKY	5.00		µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y	1.00		µg/L	GE	EPA8260B
0	alpha-Chlordane	<0.0198	U	Y	0.0198		µg/L	GE	EPA8081A

Well BRD 1 collected on 04/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	gamma-Chlordane	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	4-Chloroaniline	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Chloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2-Chloronaphthalene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	2-Chlorophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Chromium, total recoverable	40.7			5.00		µg/L	GE	EPA6010B
0	Chrysene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<1.06	JU	I	4		µg/L	GE	EPA6010B
0	Copper, total recoverable	<8.62	U	V		5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U	Y		5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Dibenzofuran	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethylene	<2.00	U	Y		2.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.500	U	Y		0.500	µg/L	GE	EPA8151A
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dieldrin	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Diethyl phthalate	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<19.6	U	Y		19.6	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Diphenylamine	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Endrin	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Fluorene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Heptachlor	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Hexachloroethane	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
2	Iron, total recoverable	767				50.0	µg/L	GE	EPA6010B
1	Iron, total recoverable	198				74.0	µg/L	WA	EPA6010B
0	Isophorone	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Lead, total recoverable	6.59				5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	Lithium, total recoverable	<1.40	U	V		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	452				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	55.0				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.198	U	Y		0.198	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	GE	EPA8260B

ESH-CHMS-2000406

B-51

Second Quarter 2000

Well BRD 1 collected on 04/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Methylnaphthalene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Naphthalene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Nickel, total recoverable	25.7				5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	1,020		Y		50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	o-Nitroaniline	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	p-Nitroaniline	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Nitrobenzene	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	2-Nitrophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	4-Nitrophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	PCB 1016	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	Pentachlorophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Phenanthrene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Phenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Potassium, total recoverable	498				100	µg/L	GE	EPA6010B
0	Pyrene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
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	2,270				100	µg/L	GE	EPA6010B
0	Styrene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Total organic carbon	<744	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	18.7	J	I		120	µg/L	WA	EPA9020B
0	Total petroleum hydrocarbons	<2,040	U			2,040	µg/L	GE	EPA418.1
0	Toxaphene	<0.990	U	Y		0.990	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.500	U	Y		0.500	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2,4,5-Trichlorophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	1.56	J	I		5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U	Y		3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	12.3				5.00	µg/L	GE	EPA6010B
0	Actinium-228	3.62E-10±6.85E-09	U			9.66E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	1.26E-09±3.43E-09	U			5.92E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.17E-09±7.28E-09	U			1.26E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-5.63E-10±1.24E-09	U			1.86E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	9.47E-10±2.96E-09	U			2.30E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4.70E-11±9.44E-10	U			1.64E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.31E-09±1.47E-09	U			2.82E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1.18E-10±3.44E-09	U			5.83E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-3.38E-09±3.38E-09	U			5.14E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.82E-10±3.68E-09	U			6.39E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	1.89E-09±8.77E-10	J	I		1.06E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	2.38E-10±2.15E-10	U			4.89E-10	µCi/mL	GP	EPIA-006
0	Lead-212	3.49E-09±2.32E-09	U			4.13E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.02E-09±1.23E-09	U			2.34E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.55E-09±7.79E-10	J	I		1.45E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.59E-08±1.86E-08	U			3.77E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.97E-10±1.16E-09	U			2.09E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.88E-10±1.58E-09	U			2.64E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.85E-08±2.43E-09				8.75E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.96E-10±4.89E-10	U			9.51E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-1.47E-09±1.10E-08	U			1.95E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.21E-09±1.21E-09	U			1.84E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.99E-10±3.90E-10	JU	L	C	9.55E-10	µCi/mL	GP	EPIA-004
0	Tritium	1.51E-06±4.27E-07				6.24E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-2.04E-10±1.33E-09	U			2.13E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.87E-09±2.07E-09	U			4.38E-09	µCi/mL	GP	EPIA-013

WELL BRD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
 Depth to water: 37.61 ft (11.46 m) below TOC
 Water elevation: 168.19 ft (51.26 m) msl
 pH: 4.4
 Sp. conductance: 25 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 161 gal

Time: 8:45
 Water temperature: 19°C
 Air temperature: 14.7°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	Acenaphthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acetone	<1.42	JU	L	O8	5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0208	U		I	0.0208	µg/L	GE	EPA8081A
2	Aluminum, total recoverable	95.6				50.0	µg/L	GE	EPA6010B
0	Anthrane	<0.971	U			0.971	µg/L	GE	EPA8270C
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	14.8				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0208	U		I	0.0208	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0208	U		I	0.0208	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0208	U		I	0.0208	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<9.71	U			9.71	µg/L	GE	EPA8270C
2	Bis(2-ethylhexyl) phthalate	9.26				0.971	µg/L	GE	EPA8270C
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	4-Bromophenyl phenyl ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	632				100	µg/L	GE	EPA6010B
0	Carbazole	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	alpha-Chlordane	<0.0208	U		I	0.0208	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0208	U		I	0.0208	µg/L	GE	EPA8081A
0	4-Chloroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<9.71	U			9.71	µg/L	GE	EPA8270C
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	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	2-Chloronaphthalene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2-Chlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Chromium, total recoverable	11.6				5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Cyanide	2.92	J	I		5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0417	U		I	0.0417	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0417	U		I	0.0417	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0417	U		I	0.0417	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Dibenzofuran	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B

Well BRD 1 collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	GE	EPA8260B
0	Dichloromethane	<2.34	JU	LV	O	5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.200	JU			0.200	µg/L	GE	EPA8151A
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	Dieldrin	<0.0417	JU		I	0.0417	µg/L	GE	EPA8081A
0	Diethyl phthalate	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<19.4	JU			19.4	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Diphenylamine	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0417	JU		I	0.0417	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0208	JU		I	0.0208	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0417	JU		I	0.0417	µg/L	GE	EPA8081A
0	Endrin	<0.0417	JU		I	0.0417	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0417	JU		I	0.0417	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.971	JU			0.971	µg/L	GE	EPA8270C
0	Fluorene	<0.971	JU			0.971	µg/L	GE	EPA8270C
0	Heptachlor	<0.0208	JU		I	0.0208	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0208	JU		I	0.0208	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Hexachloroethane	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<0.971	JU			0.971	µg/L	GE	EPA8270C
0	Iron, total recoverable	128	JU			50.0	µg/L	GE	EPA6010B
0	Isophorone	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Lead, total recoverable	<4.88	JU	I	I	5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0208	JU		I	0.0208	µg/L	GE	EPA8081A
0	Magnesium, total recoverable	334	JU			20.0	µg/L	GE	EPA6010B
1	Manganese, total recoverable	25.0	JU			10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	JU			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.208	JU		I	0.208	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	2-Methylnaphthalene	<0.971	JU			0.971	µg/L	GE	EPA8270C
0	Naphthalene	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Nickel, total recoverable	8.25	JU			5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	977	JU	Y		50.0	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	994	JU			50.0	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	977	JU			50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	o-Nitroaniline	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	p-Nitroaniline	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Nitrobenzene	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	2-Nitrophenol	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	4-Nitrophenol	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	PCB 1016	<0.0971	JU			0.0971	µg/L	GE	EPA8082
0	PCB 1221	<0.0971	JU			0.0971	µg/L	GE	EPA8082
0	PCB 1232	<0.0971	JU			0.0971	µg/L	GE	EPA8082
0	PCB 1242	<0.0971	JU			0.0971	µg/L	GE	EPA8082
0	PCB 1248	<0.0971	JU			0.0971	µg/L	GE	EPA8082
0	PCB 1254	<0.0971	JU			0.0971	µg/L	GE	EPA8082
0	PCB 1260	<0.0971	JU			0.0971	µg/L	GE	EPA8082
0	Pentachlorophenol	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Phenanthrene	<0.971	JU			0.971	µg/L	GE	EPA8270C
0	Phenol	<9.71	JU			9.71	µg/L	GE	EPA8270C
0	Potassium, total recoverable	328	JU			100	µg/L	GE	EPA6010B
0	Pyrene	<0.971	JU			0.971	µg/L	GE	EPA8270C
0	Selenium, total recoverable	<5.00	JU			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	JU			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	1,940	JU			100	µg/L	GE	EPA6010B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
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	Thallium, total recoverable	<10.0	JU			10.0	µg/L	GE	EPA6010B

Well BRD 1 collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Total petroleum hydrocarbons	<2,130	JU	L	C	2,130	µg/L	GE	EPA418.1
0	Toxaphene	<1.04	U		I	1.04	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.200	U			0.200	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
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	2,4,5-Trichlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	JU	L	O	3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	6.12	U			5.00	µg/L	GE	EPA6010B
0	Actinium-228	2.94E-09±1.43E-08	U			1.56E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	9.38E-09±1.76E-08	U			1.56E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	9.38E-09±1.76E-08	U			1.56E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	5.31E-09±5.39E-09	U			8.69E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	9.78E-10±4.88E-09	U			8.69E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	9.78E-10±4.88E-09	U			8.69E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	6.58E-09±1.28E-08	U			2.19E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	8.99E-10±1.15E-08	U			1.97E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	8.99E-10±1.15E-08	U			1.97E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	5.19E-10±2.07E-09	U			3.24E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	1.48E-09±3.08E-09	U			3.12E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	1.48E-09±3.08E-09	U			3.12E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	7.39E-10±2.09E-09	U			3.55E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.16E-10±2.04E-09	U			3.50E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.16E-10±2.04E-09	U			3.50E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	5.48E-10±1.60E-09	U			2.69E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	6.15E-10±1.47E-09	U			2.50E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	6.15E-10±1.47E-09	U			2.50E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.55E-09±2.23E-09	U			4.29E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.98E-09±2.07E-09	U			4.18E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.98E-09±2.07E-09	U			4.18E-09	µCi/mL	GP	EPIA-013
0	Europium-152	2.78E-09±5.20E-09	U			8.98E-09	µCi/mL	GP	EPIA-013
0	Europium-152	1.22E-09±5.48E-09	U			8.95E-09	µCi/mL	GP	EPIA-013
0	Europium-152	1.22E-09±5.48E-09	U			8.95E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3.06E-09±5.11E-09	U			8.76E-09	µCi/mL	GP	EPIA-013
0	Europium-154	5.05E-09±7.17E-09	U			9.96E-09	µCi/mL	GP	EPIA-013
0	Europium-154	5.05E-09±7.17E-09	U			9.96E-09	µCi/mL	GP	EPIA-013
0	Europium-155	4.79E-09±6.19E-09	U			1.03E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.51E-09±6.05E-09	U			1.06E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.51E-09±6.05E-09	U			1.06E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.40E-09±7.53E-10	U	V		7.44E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.54E-09±7.52E-10	U	V		5.37E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.40E-09±7.53E-10	U	V		7.44E-10	µCi/mL	GP	EPIA-001
2	Iodine-129	1.45E-09±8.21E-10	R		4	1.13E-09	µCi/mL	GP	EPIA-006
0	Lead-212	5.34E-09±3.66E-09	U			6.34E-09	µCi/mL	GP	EPIA-013
0	Lead-212	1.26E-09±6.92E-09	U			6.64E-09	µCi/mL	GP	EPIA-013
0	Lead-212	1.26E-09±6.92E-09	U			6.64E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.13E-10±2.05E-09	U			3.51E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.11E-09±1.94E-09	U			3.17E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.11E-09±1.94E-09	U			3.17E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.31E-09±8.53E-10	J	I		1.55E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.42E-09±8.20E-10	J	I		1.45E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	6.93E-08±2.86E-08	R		4	5.83E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	0.00E+00±2.55E-08	R		4	5.12E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	0.00E+00±2.55E-08	R		4	5.12E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.90E-09±2.04E-09	U			3.73E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	8.26E-12±2.14E-09	U			3.67E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	8.26E-12±2.14E-09	U			3.67E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.21E-10±2.35E-09	U			4.14E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	9.03E-10±2.23E-09	U			4.02E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	9.03E-10±2.23E-09	U			4.02E-09	µCi/mL	GP	EPIA-013
0	Radium-226	7.57E-10±6.39E-10	U			9.07E-10	µCi/mL	GP	EPIA-008
0	Radium-228	9.84E-10±4.15E-10	U			9.78E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.58E-08±1.82E-08	U			3.34E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.59E-08±1.74E-08	U			2.81E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	1.59E-08±1.74E-08	U			2.81E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.09E-09±1.84E-09	U			3.15E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	1.81E-09±2.57E-09	U			3.58E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	1.81E-09±2.57E-09	U			3.58E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.81E-10±5.96E-10	U			1.34E-09	µCi/mL	GP	EPIA-004
0	Tritium	9.16E-07±3.93E-07	J	I		6.11E-07	µCi/mL	GP	EPIA-002
0	Tritium	1.04E-06±4.10E-07	J	I		6.31E-07	µCi/mL	GP	EPIA-002
0	Tritium	9.16E-07±3.93E-07	J	I		6.11E-07	µCi/mL	GP	EPIA-002

Well BRD 1 collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Yttrium-88	-3.29E-10±2.57E-09	U			4.58E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	-2.03E-09±2.49E-09	U			4.17E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	-2.03E-09±2.49E-09	U			4.17E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-6.28E-09±4.70E-09	U			7.49E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	5.94E-11±4.42E-09	U			7.91E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	5.94E-11±4.42E-09	U			7.91E-09	µCi/mL	GP	EPIA-013

WELL BRD 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 38.94 ft (11.87 m) below TOC
 Water elevation: 168.36 ft (51.32 m) msl
 pH: 5.7
 Sp. conductance: 27 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 53 gal

Time: 13:23
 Water temperature: 22.3°C
 Air temperature: 31.9°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	Acenaphthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Acetone	<3.52	U	V		5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0396	U			0.0396	µg/L	GE	EPA8081A
2	Aluminum, total recoverable	93.9				50.0	µg/L	GE	EPA6010B
2	Aluminum, total recoverable	80.3	J	I		146	µg/L	WA	EPA6010B
0	Anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
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	10.0				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	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	4-Bromophenyl phenyl ether	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	1,660				100	µg/L	GE	EPA6010B
0	Carbazole	<9.80	U			9.80	µg/L	GE	EPA8270C
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	alpha-Chlordane	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	4-Chloroaniline	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<9.80	U			9.80	µg/L	GE	EPA8270C
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	2-Chloronaphthalene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	2-Chlorophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Chromium, total recoverable	<1.06	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	194				5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0396	U			0.0396	µg/L	GE	EPA8081A

Well BRD 2 collected on 04/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	p,p'-DDE	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Dibenzofuran	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<9.80	U			9.80	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<9.80	U			9.80	µg/L	GE	EPA8270C
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	Dichloromethane	1.85	J	I		5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.500	JU	L	O	0.500	µg/L	GE	EPA8151A
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	Dieldrin	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Diethyl phthalate	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<19.6	U			19.6	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Diphenylamine	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Endrin	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Fluorene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Heptachlor	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Hexachloroethane	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
1	Iron, total recoverable	188				50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	120				74.0	µg/L	WA	EPA6010B
0	Isophorone	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Lead, total recoverable	13.6				5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	Lithium, total recoverable	<0.920	U	V		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	438				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	11.7				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.198	U			0.198	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
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	2-Methylnaphthalene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Naphthalene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Nickel, total recoverable	3.23	J	I		5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	1,160				50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<9.80	U			9.80	µg/L	GE	EPA8270C
0	o-Nitroaniline	<9.80	U			9.80	µg/L	GE	EPA8270C
0	p-Nitroaniline	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Nitrobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2-Nitrophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	4-Nitrophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<9.80	U			9.80	µg/L	GE	EPA8270C
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	Pentachlorophenol	<9.80	U			9.80	µg/L	GE	EPA8270C

ESH-EMS-2000406

Well BRD 2 collected on 04/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Phenanthrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Phenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Potassium, total recoverable	413				100	µg/L	GE	EPA6010B
0	Pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Selenium, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	2,150				100	µg/L	GE	EPA6010B
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	Thallium, total recoverable	<10.0				10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total organic carbon	<802		V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	15.6	J	I		120	µg/L	WA	EPA9020B
0	Total petroleum hydrocarbons	<2,040	U			2,040	µg/L	GE	EPA418.1
0	Toxaphene	<0.990	U			0.990	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.500	JU	L	O	0.500	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
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	2,4,5-Trichlorophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	23.4				5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.88E-09±6.96E-09	U			9.98E-09	µCi/mL	GP	EPIA-013
0	Americium-241	0.00E+00±2.01E-09	U			1.14E-10	µCi/mL	GP	EPIA-011
0	Americium-241	-1.12E-11±1.60E-11	U			1.46E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-3.55E-10±4.02E-09	U			5.97E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	8.06E-09±5.05E-09	U			8.23E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	2.40E-09±9.06E-09	U			1.61E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-9.21E-10±1.23E-09	U			2.08E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	9.62E-10±2.77E-09	U			2.34E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.95E-10±1.17E-09	U			2.04E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	8.85E-10±1.11E-09	U			2.27E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.01E-09	U			1.49E-10	µCi/mL	GP	EPIA-011
0	Curium-242	0.00E+00±2.00E-09	U			9.44E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.83E-11±2.61E-11	U			2.38E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-5.66E-12±1.13E-11	U			1.24E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.41E-11±8.85E-11	U			1.32E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.00E+00±2.00E-09	U			8.15E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-2.25E-10±4.27E-09	U			7.19E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.02E-09±3.78E-09	U			7.29E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.11E-09±4.99E-09	U			8.96E-09	µCi/mL	GP	EPIA-013
2	Gross alpha	3.24E-08±6.28E-09				3.02E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	-2.11E-10±2.72E-10	U			4.48E-10	µCi/mL	GP	EPIA-006
0	Lead-212	6.40E-10±3.76E-09	U			4.31E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	8.30E-10±1.84E-09	U			2.30E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	0.00E+00±2.00E-09	U			2.97E-10	µCi/mL	GP	EPIA-032
0	Neptunium-237	0.00E+00±2.00E-09	U			3.03E-10	µCi/mL	GP	EPIA-032
0	Nickel-59	5.80E-09±8.20E-09	U			1.19E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	1.87E-08±2.78E-09				2.87E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	0.00E+00±2.00E-09	U			5.63E-11	µCi/mL	GP	EPIA-011
0	Plutonium-238	4.21E-11±5.97E-11	U			6.31E-11	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.35E-11±2.70E-11	U			1.30E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-3.03E-11±4.29E-11	U			1.80E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	2.93E-08±4.11E-08	R		4	2.10E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	4.97E-11±1.11E-09	U			1.99E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.34E-10±1.73E-09	U			2.92E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.54E-08±2.23E-09				7.62E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-9.13E-11±6.36E-10	U			1.30E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-2.20E-10±1.12E-08	U			2.00E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	7.12E-10±1.35E-09	U			2.60E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-2.09E-10±6.40E-10	JU		L	1.52E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	5.52E-09±1.11E-08	U			2.58E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-3.05E-10±5.73E-10	U			1.43E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	1.30E-09±6.34E-10	R		4	1.96E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	6.52E-11±1.31E-10	U			1.96E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.18E-06±4.10E-07	J	I		6.19E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	7.06E-10±5.91E-10	U			8.85E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	3.43E-10±4.17E-10	U			7.31E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-3.96E-11±2.09E-10	U			7.72E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-6.62E-10±1.39E-09	U			2.38E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	7.83E-10±3.09E-09	U			4.88E-09	µCi/mL	GP	EPIA-013

WELL BRD 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
 Depth to water: 40.76 ft (12.42 m) below TOC
 Water elevation: 166.54 ft (50.76 m) msl
 pH: 5.4
 Sp. conductance: 26 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 186 gal

Time: 11:12
 Water temperature: 22.1°C
 Air temperature: 35.3°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	Acenaphthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acetone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0194	U			0.0194	µg/L	GE	EPA8081A
2	Aluminum, total recoverable	84.6				50.0	µg/L	GE	EPA6010B
0	Anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
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	8.18				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<0.971	U			0.971	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	4-Bromophenyl phenyl ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	1,490				100	µg/L	GE	EPA6010B
0	Carbazole	<9.71	U			9.71	µg/L	GE	EPA8270C
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	alpha-Chlordane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	4-Chloroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<9.71	U			9.71	µg/L	GE	EPA8270C
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	2-Chloronaphthalene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	2-Chlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Chromium, total recoverable	<3.38	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	159				5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Dibenzofuran	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B

Well BRD 2 collected on 06/26/00 (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	1,2-Dichloroethylene	<2.00	U			2.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
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	Dieldrin	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Diethyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<19.4	U			19.4	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Diphenylamine	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endrin	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Fluorene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Heptachlor	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Hexachloroethane	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Iron, total recoverable	110	U			50.0	µg/L	GE	EPA6010B
0	Isophorone	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Lead, total recoverable	12.4	U			5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Magnesium, total recoverable	448	U			20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	11.2	U			10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.194	U			0.194	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
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	2-Methylnaphthalene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Naphthalene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Nickel, total recoverable	3.42	J	I		5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	1,200	U			50.0	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	1,200	U			50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	o-Nitroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	p-Nitroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Nitrobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2-Nitrophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	4-Nitrophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<9.71	U			9.71	µg/L	GE	EPA8270C
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	Pentachlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Phenanthrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Phenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Potassium, total recoverable	364	U			100	µg/L	GE	EPA6010B
0	Pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
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	2,110	U			100	µg/L	GE	EPA6010B
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	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B

Well BRD 2 collected on 06/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total petroleum hydrocarbons	<2,000	JU	L	C	2,000	µg/L	GE	EPA418.1
0	Toxaphene	<0.971	U			0.971	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
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	2,4,5-Trichlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	22.3	U			5.00	µg/L	GE	EPA6010B
0	Actinium-228	5.28E-09±6.75E-09	U			1.22E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	9.78E-09±6.73E-09	U			1.23E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	1.61E-09±4.52E-09	U			8.12E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-6.84E-11±4.39E-09	U			7.71E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.73E-09±9.64E-09	U			1.66E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-7.88E-10±1.10E-08	U			1.87E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-9.51E-10±1.77E-09	U			2.99E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.10E-09±1.76E-09	U			2.82E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-2.08E-10±1.70E-09	U			2.95E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.27E-09±1.91E-09	U			3.38E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4.17E-10±1.22E-09	U			2.08E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.29E-09±1.34E-09	U			2.35E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.70E-09±1.79E-09	U			3.50E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-4.70E-10±1.80E-09	U			3.13E-09	µCi/mL	GP	EPIA-013
0	Europium-152	5.88E-09±6.22E-09	U			8.72E-09	µCi/mL	GP	EPIA-013
0	Europium-152	5.55E-09±4.93E-09	U			8.42E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.12E-10±4.65E-09	U			8.45E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.92E-10±4.60E-09	U			8.27E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.34E-09±5.07E-09	U			8.85E-09	µCi/mL	GP	EPIA-013
0	Europium-155	6.03E-09±6.22E-09	U			9.06E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	2.56E-10±2.15E-10	U			3.61E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	7.88E-10±1.05E-09	U			2.12E-09	µCi/mL	GP	EPIA-006
0	Lead-212	2.87E-09±6.42E-09	U			4.70E-09	µCi/mL	GP	EPIA-013
0	Lead-212	8.98E-09±3.21E-09	R		4	5.61E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.78E-11±1.77E-09	U			3.07E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.39E-09±1.71E-09	U			2.74E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	8.09E-10±4.39E-10	U			8.32E-10	µCi/mL	GP	EPIA-001
0	Potassium-40	2.85E-08±5.38E-08	R		4	2.79E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	2.79E-08±4.36E-08	U			2.83E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-9.18E-10±1.70E-09	U			2.85E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.43E-09±1.66E-09	U			2.70E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.22E-09±2.11E-09	U			3.62E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.54E-09±2.04E-09	U			3.68E-09	µCi/mL	GP	EPIA-013
0	Radium-226	4.99E-10±5.03E-10	U			7.68E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.37E-10±4.11E-10	U			7.95E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-2.37E-09±1.50E-08	U			2.60E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	2.82E-09±1.72E-08	U			2.65E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-6.88E-11±1.67E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	6.91E-11±1.65E-09	U			2.97E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-3.77E-10±7.55E-10	U			1.32E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	5.55E-10±6.15E-10	U			1.03E-09	µCi/mL	GP	EPIA-004
0	Tritium	8.10E-07±4.11E-07	J	I		6.56E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	1.00E-10±2.02E-09	U			3.68E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.59E-10±2.19E-09	U			4.05E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.21E-09±4.23E-09	U			7.18E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	7.63E-10±4.14E-09	U			6.56E-09	µCi/mL	GP	EPIA-013

WELL BRD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
Depth to water: 51.77 ft (15.78 m) below TOC
Water elevation: 168.63 ft (51.4 m) msl
pH: 5.2
Sp. conductance: 25 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 44 gal

Time: 9:54
Water temperature: 19.7°C
Air temperature: 19.1°C
Total alkal

Well BRD 3 collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl isobutyl ketone	<5.00							
0	2-Methylnaphthalene	<1.00							
0	Naphthalene	<1.00							
0	Nickel, total recoverable	<107							
0	Nitrate as nitrogen	1,530							
0	Nitrate as nitrogen	1,500							
0	m-Nitroaniline	<10.0							
0	o-Nitroaniline	<10.0							
0	p-Nitroaniline	<10.0							
0	Nitrobenzene	<10.0							
0	2-Nitrophenol	<10.0							
0	4-Nitrophenol	<10.0							
0	N-Nitrosodipropylamine	<10.0							
0	PCB 1016	<0.100							
0	PCB 1221	<0.100							
0	PCB 1232	<0.100							
0	PCB 1242	<0.100							
0	PCB 1248	<0.100							
0	PCB 1254	<0.100							
0	PCB 1260	<0.100							
0	Pentachlorophenol	<10.0							
0	Phenanthrene	<1.00							
0	Phenol	<10.0							
0	Potassium, total recoverable	338							
0	Pyrene	<1.00							
0	Selenium, total recoverable	<5.00							
0	Silver, total recoverable	<0.683							
0	Sodium, total recoverable	1,910							
0	Styrene	<1.00							
0	1,1,2,2-Tetrachloroethane	<1.00							
0	Tetrachloroethylene	<1.00							
0	Thallium, total recoverable	<10.0							
0	Toluene	<1.00							
0	Total petroleum hydrocarbons	<2,000							
0	Toxaphene	<0.971							
0	2,4,5-TP (Silvex)	<0.500							
0	1,2,4-Trichlorobenzene	<10.0							
0	1,1,1-Trichloroethane	<1.00							
0	1,1,2-Trichloroethane	<1.00							
0	Trichloroethylene	<1.00							
0	2,4,5-Trichlorophenol	<10.0							
0	2,4,6-Trichlorophenol	<10.0							
0	Vanadium, total recoverable	<0.897							
0	Vinyl acetate	<5.00							
0	Xylenes	<3.00							
0	Zinc, total recoverable	27.7							
0	Actinium-228	7.43E-09±5.57E-09							
0	Antimony-125	-2.36E-09±3.66E-09							
0	Cerium-144	6.31E-09±1.00E-08							
0	Cesium-134	-1.31E-09±1.40E-09							
0	Cesium-137	5.86E-10±3.34E-09							
0	Cobalt-57	-9.34E-11±1.29E-09							
0	Cobalt-60	6.60E-10±1.34E-09							
0	Europium-152	-1.43E-09±4.51E-09							
0	Europium-154	-7.00E-10±3.88E-09							
0	Europium-155	2.36E-09±5.48E-09							
0	Gross alpha	1.81E-09±8.68E-10							
0	Iodine-129	3.18E-10±4.63E-10							
0	Lead-212	3.19E-09±4.51E-09							
0	Manganese-54	1.34E-10±2.63E-09							
0	Nonvolatile beta	1.56E-09±8.21E-10							
0	Potassium-40	3.48E-08±1.90E-08							
0	Promethium-144	-8.14E-10±1.35E-09							
0	Promethium-146	-1.25E-09±1.68E-09							
0	Radium-226	4.12E-10±4.25E-10							
0	Radium-228	3.36E-10±4.96E-10							
0	Ruthenium-106	-1.30E-08±1.31E-08							
0	Sodium-22	-2.58E-10±1.39E-09							
0	Strontium-90	-1.59E-10±4.63E-10							
0	Tritium	2.18E-06±4.80E-07							
0	Yttrium-88	3.03E-10±1.47E-09							
0	Zinc-65	3.07E-09±3.32E-09							

WELL BRD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
Depth to water: 52.16 ft (15.9 m) below TOC
Water elevation: 168.24 ft (51.28 m) msl
pH: 4.6
Sp. conductance: 28 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 86 gal

Time: 8:30
Water temperature: 18.7°C
Air temperature: 15.8°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	Acenaphthene	<1.00							
0	Acenaphthene	<10.4							
0	Acenaphthene	<10.0							
0	Acenaphthylene	<1.00							
0	Acenaphthylene	<10.4							
0	Acenaphthylene	<10.0							
0	Acetone	<1.63							
0	Acetone	<10.0							
0	Acetone	<10.0							
0	Aldrin	<0.0196							
0	Aldrin	<0.0520							
0	Aldrin	<0.0500							
0	Aluminum, total recoverable	<757							
0	Aluminum, total recoverable	<241							
0	Aluminum, total recoverable	<193							
0	Anthracene	<1.00							
0	Anthracene	<10.4							
0	Anthracene	<10.0							
0	Antimony, total recoverable	<10.0							
0	Antimony, total recoverable	<27.0							
0	Antimony, total recoverable	<27.0							
0	Arsenic, total recoverable	<5.00							
0	Arsenic, total recoverable	<40.0							
0	Arsenic, total recoverable	<40.0							
0	Barium, total recoverable	26.0							
0	Barium, total recoverable	25.4							
0	Barium, total recoverable	25.9							
0	Benzene	<1.00							
0	Benzene	<5.00							
0	Benzene	<5.00							
0	alpha-Benzene hexachloride	<0.0196							
0	alpha-Benzene hexachloride	<0.0520							
0	alpha-Benzene hexachloride	<0.100							
0	beta-Benzene hexachloride	<0.0196							
0	beta-Benzene hexachloride	<0.0520							
0	beta-Benzene hexachloride	<0.0500							
0	delta-Benzene hexachloride	<0.0196							
0	delta-Benzene hexachloride	<0.0520							
0	delta-Benzene hexachloride	<0.0500							
0	Benzo(a)anthracene	<1.00							
0	Benzo(a)anthracene	<10.4							
0	Benzo(a)anthracene	<10.0							
0	Benzo(b)fluoranthene	<1.00							
0	Benzo(b)fluoranthene	<10.4							
0	Benzo(b)fluoranthene	<10.0							
0	Benzo(k)fluoranthene	<1.00							
0	Benzo(k)fluoranthene	<10.4							
0	Benzo(k)fluoranthene	<10.0							
0	Benzo(g,h,i)perylene	<1.00							
0	Benzo(g,h,i)perylene	<10.4							
0	Benzo(g,h,i)perylene	<10.0							
0	Benzo(a)pyrene	<1.00							
0	Benzo(a)pyrene	<10.4							
0	Benzo(a)pyrene	<10.0							
0	Beryllium, total recoverable	<5.00							
0	Beryllium, total recoverable	<1.60							
0	Beryllium, total recoverable	<1.60							
0	Bis(2-chloroethoxy) methane	<10.0							
0	Bis(2-chloroethoxy) methane	<10.4							
0	Bis(2-chloroethoxy) methane	<10.0							
0	Bis(2-chloroethyl) ether	<10.0							
0	Bis(2-chloroethyl) ether	<10.4							
0	Bis(2-chloroethyl) ether	<10.0							
0	Bis(2-chloroisopropyl) ether	<10.0							
0	Bis(2-chloroisopropyl) ether	<10.4							

Well BRD 3 collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bis(2-chloroisopropyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<1.0	JU	Q		1.00	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.3	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bromodichloromethane	<1.00		L	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00				5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00				5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00		L	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<5.00				5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00				5.00	µg/L	WA	EPA8260B
0	Bromomethane	<1.00		L	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<10.0				10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0				10.0	µg/L	WA	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0				10.0	µg/L	GE	EPA8270C
0	4-Bromophenyl phenyl ether	<10.4				10.4	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<20.0				20.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0				10.0	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<10.4				10.4	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0				10.0	µg/L	WA	EPA8270C
0	Cadmium, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<4.70				4.70	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70				4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	841				100	µg/L	GE	EPA6010B
0	Calcium, total recoverable	807				471	µg/L	WA	EPA6010B
0	Calcium, total recoverable	833				471	µg/L	WA	EPA6010B
0	Carbazole	<1.00				1.00	µg/L	GE	EPA8270C
0	Carbazole	<10.4				10.4	µg/L	WA	EPA8270C
0	Carbazole	<10.0				10.0	µg/L	WA	EPA8270C
0	Carbon disulfide	<5.00			O	5.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00				5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00				5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<1.00		L	O	1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<5.00				5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00				5.00	µg/L	WA	EPA8260B
0	alpha-Chlordane	<0.0196			I	0.0196	µg/L	GE	EPA8081A
0	alpha-Chlordane	<0.0520				0.0520	µg/L	WA	EPA8081A
0	alpha-Chlordane	<0.100				0.100	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.0196			I	0.0196	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0520				0.0520	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.100				0.100	µg/L	WA	EPA8081A
0	4-Chloroaniline	<10.0				10.0	µg/L	GE	EPA8270C
0	4-Chloroaniline	<10.4				10.4	µg/L	WA	EPA8270C
0	4-Chloroaniline	<20.0				20.0	µg/L	WA	EPA8270C
0	Chlorobenzene	<1.00			O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<5.00				5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00				5.00	µg/L	WA	EPA8260B
0	4-Chloro-m-cresol	<10.0				10.0	µg/L	GE	EPA8270C
0	4-Chloro-m-cresol	<10.4				10.4	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.0				10.0	µg/L	WA	EPA8270C
0	Chloroethane	<1.00			O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<10.0				10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0				10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00		L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0				10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0				10.0	µg/L	WA	EPA8260B
0	Chloroform	<1.00		L	O	1.00	µg/L	GE	EPA8260B
0	Chloroform	<5.00				5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00				5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00		L	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0				10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0				10.0	µg/L	WA	EPA8260B
0	2-Chloronaphthalene	<10.0				10.0	µg/L	GE	EPA8270C
0	2-Chloronaphthalene	<10.4				10.4	µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<10.0				10.0	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0				10.0	µg/L	GE	EPA8270C
0	2-Chlorophenol	<10.4				10.4	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.0				10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0				10.0	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.4				10.4	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0				10.0	µg/L	WA	EPA8270C
0	Chromium, total recoverable	21.3				5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	44.6				7.00	µg/L	WA	EPA6010B
0	Chromium, total recoverable	42.8				7.00	µg/L	WA	EPA6010B
0	Chrysene	<1.00				1.00	µg/L	GE	EPA8270C
0	Chrysene	<10.4				10.4	µg/L	WA	EPA8270C
0	Chrysene	<10.0				10.0	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B

Well BRD 3 collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cobalt, total recoverable	1.60	J	I		4.50	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	0.850	J	I		4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	56.1				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	60.8				15.0	µg/L	WA	EPA6010B
0	Copper, total recoverable	62.1				15.0	µg/L	WA	EPA6010B
0	m/p-Cresol	<10.0		Q		10.0	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	JU			10.0	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	o-Cresol (2-Methylphenol)	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<20.0		Q		20.0	µg/L	WA	EPA8270C
0	Cyanide	<5.00	JU			5.00	µg/L	GE	EPA9012A
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	p,p'-DDD	<0.104	U			0.104	µg/L	WA	EPA8081A
0	p,p'-DDD	<0.200	U			0.200	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.104	U			0.104	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.200	U			0.200	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.104	U			0.104	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Dibenz(a,h)anthracene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Dibenz(a,h)anthracene	<10.4	JU			10.4	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	GE	EPA8270C
0	Dibenzofuran	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	Dibenzofuran	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Di-n-butyl phthalate	<10.4	JU	Q		10.4	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	GE	EPA8270C
0	1,2-Dichlorobenzene	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	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	<1.00	JU	L	O	1.00	µg/L	GE	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	<1.00	JU	L	O	1.00	µg/L	GE	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	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	GE	EPA8260B
0	1,2-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	<1.33	JU	LV	O	5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<4.88	U		8	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.12	U		8	5.00	µg/L	WA	EPA8260B
0	2,4-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2,4-Dichlorophenol	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.200				0.200	µg/L	GE	EPA8151A
0	2,4-Dichlorophenoxyacetic acid	<1.06	JU	L	ClO	1.06	µg/L	WA	EPA8151A
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	GE	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	<1.00	JU	L	O	1.00	µg/L	GE	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	<1.00	JU	L	O	1.00	µg/L	GE	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	<0.0392			I	0.0392	µg/L	GE	EPA8081A
0	Dieldrin	<0.104	U			0.104	µg/L	WA	EPA8081A

Well BRD 3 collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dieldrin	<0.100	U			0.100	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Diethyl phthalate	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	Diethyl phthalate	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<10.0	JU			10.0	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU			10.0	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<20.0	JU			20.0	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<26.0	JU			26.0	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<50.0	JU			50.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU			10.0	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU			10.0	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	JU			10.0	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU			10.0	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0392	JU		I	0.0392	µg/L	GE	EPA8081A
0	Endosulfan sulfate	<0.104	JU			0.104	µg/L	WA	EPA8081A
0	Endosulfan sulfate	<0.200	JU			0.200	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0196	JU		I	0.0196	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0520	JU			0.0520	µg/L	WA	EPA8081A
0	Endosulfan I	<0.100	JU			0.100	µg/L	WA	EPA8081A
0	Endosulfan II	<0.0392	JU		I	0.0392	µg/L	GE	EPA8081A
0	Endosulfan II	<0.104	JU			0.104	µg/L	WA	EPA8081A
0	Endosulfan II	<0.200	JU			0.200	µg/L	WA	EPA8081A
0	Endrin	<0.0392	JU		I	0.0392	µg/L	GE	EPA8081A
0	Endrin	<0.104	JU			0.104	µg/L	WA	EPA8081A
0	Endrin	<0.100	JU			0.100	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.104	JU			0.104	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.100	JU			0.100	µg/L	WA	EPA8081A
0	Endrin ketone	<0.0392	JU		I	0.0392	µg/L	GE	EPA8081A
0	Endrin ketone	<0.104	JU			0.104	µg/L	WA	EPA8081A
0	Endrin ketone	<0.100	JU			0.100	µg/L	WA	EPA8081A
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Fluoranthene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Fluoranthene	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	Fluoranthene	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	Fluorene	<1.00	JU			1.00	µg/L	GE	EPA8270C
0	Fluorene	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	Fluorene	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	Heptachlor	<0.0196	JU		I	0.0196	µg/L	GE	EPA8081A
0	Heptachlor	<0.0520	JU			0.0520	µg/L	WA	EPA8081A
0	Heptachlor	<0.0500	JU			0.0500	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0196	JU		I	0.0196	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0520	JU			0.0520	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.100	JU			0.100	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Hexachlorobenzene	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU			10.0	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU			10.0	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU			10.0	µg/L	GE	EPA8270C
0	Hexachloroethane	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	Hexachloroethane	<20.0	JU			20.0	µg/L	WA	EPA8270C
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	2-Hexanone	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<10.4	JU			10.4	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<20.0	JU			20.0	µg/L	WA	EPA8270C
1	Iron, total recoverable	288				50.0	µg/L	GE	EPA6010B
2	Iron, total recoverable	476				74.0	µg/L	WA	EPA6010B
2	Iron, total recoverable	471				74.0	µg/L	WA	EPA6010B
0	Isophorone	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C

Well BRD 3 collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Isophorone	<10.4	JU	Q		10.4	µg/L	WA	EPA8270
0	Isophorone	<20.0	JU	Q		20.0	µg/L	WA	EPA8270
0	Lead, total recoverable	7.10				5.00	µg/L	GE	EPA6010
0	Lead, total recoverable	7.80	J	I		47.0	µg/L	WA	EPA6010
0	Lead, total recoverable	6.40	J	I		47.0	µg/L	WA	EPA6010
0	Lindane	<0.0196	U		I	0.0196	µg/L	GE	EPA8081
0	Lindane	<0.0520	U			0.0520	µg/L	WA	EPA8081
0	Lindane	<0.0500	U			0.0500	µg/L	WA	EPA8081
0	Magnesium, total recoverable	535				20.0	µg/L	GE	EPA6010
0	Magnesium, total recoverable	530				74.0	µg/L	WA	EPA6010
0	Magnesium, total recoverable	546				74.0	µg/L	WA	EPA6010
0	Manganese, total recoverable	19.0				10.0	µg/L	GE	EPA6010
0	Manganese, total recoverable	24.5				7.80	µg/L	WA	EPA6010
0	Manganese, total recoverable	24.6				7.80	µg/L	WA	EPA6010
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470
0	Methoxychlor	<0.196	U		I	0.196	µg/L	GE	EPA8081
0	Methoxychlor	<0.520	U			0.520	µg/L	WA	EPA8081
0	Methoxychlor	<1.00	U			1.00	µg/L	WA	EPA8081
0	2-Methyl-4,6-dinitrophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270
0	2-Methyl-4,6-dinitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270
0	2-Methyl-4,6-dinitrophenol	<50.0	JU	Q		50.0	µg/L	WA	EPA8270
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260
0	2-Methylnaphthalene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270
0	2-Methylnaphthalene	<10.4	JU			10.4	µg/L	WA	EPA8270
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270
0	Naphthalene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270
0	Naphthalene	<10.4	JU	Q		10.4	µg/L	WA	EPA8270
0	Naphthalene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270
0	Nickel, total recoverable	12.7				5.00	µg/L	GE	EPA6010
0	Nickel, total recoverable	26.9				26.0	µg/L	WA	EPA6010
0	Nickel, total recoverable	25.9	J	I		26.0	µg/L	WA	EPA6010
0	Nitrate as nitrogen	1,530				50.0	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	1,520				50.0	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	1,680	J	Q		100	µg/L	WA	EPA353.2
0	m-Nitroaniline	<10.0	JU	Q		10.0	µg/L	GE	EPA8270
0	m-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270
0	m-Nitroaniline	<50.0	JU	Q		50.0	µg/L	WA	EPA8270
0	o-Nitroaniline	<10.0	JU	Q		10.0	µg/L	GE	EPA8270
0	o-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270
0	o-Nitroaniline	<50.0	JU	Q		50.0	µg/L	WA	EPA8270
0	p-Nitroaniline	<10.0	JU	Q		10.0	µg/L	GE	EPA8270
0	p-Nitroaniline	<26.0	JU	Q		26.0	µg/L	WA	EPA8270
0	p-Nitroaniline	<50.0	JU	Q		50.0	µg/L	WA	EPA8270
0	Nitrobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270
0	Nitrobenzene	<10.4	JU	Q		10.4	µg/L	WA	EPA8270
0	Nitrobenzene	<20.0	JU	Q		20.0	µg/L	WA	EPA8270
0	2-Nitrophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270
0	2-Nitrophenol	<10.4	JU	Q		10.4	µg/L	WA	EPA8270
0	2-Nitrophenol	<20.0	JU	Q		20.0	µg/L	WA	EPA8270
0	4-Nitrophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270
0	4-Nitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270
0	4-Nitrophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270
0	N-Nitrosodiphenylamine	<10.4	JU	Q		10.4	µg/L	WA	EPA8270
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270
0	N-Nitrosodipropylamine	<10.0	JU	LQ	C	10.0	µg/L	GE	EPA8270
0	N-Nitrosodipropylamine	<10.4	JU	Q		10.4	µg/L	WA	EPA8270
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270
0	PCB 1016	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1016	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1016	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	PCB 1221	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1221	<2.08	JU	Q		2.08	µg/L	WA	EPA8082
0	PCB 1221	<2.00	JU	Q		2.00	µg/L	WA	EPA8082
0	PCB 1232	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1232	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1232	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	PCB 1242	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1242	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1242	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	PCB 1248	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1248	<1.04	JU	Q		1.04	µg/L	WA	EPA8082

Well BRD 3 collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1248	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	PCB 1254	<0.0971	JU			0.0971	µg/L	GE	EPA8082
0	PCB 1254	<1.04	JU	LQ	C	1.04	µg/L	WA	EPA8082
0	PCB 1254	<1.00	JU	LQ		1.00	µg/L	WA	EPA8082
0	PCB 1260	<0.0971	JU			0.0971	µg/L	GE	EPA8082
0	PCB 1260	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	PCB 1260	<1.00	JU	Q		1.00	µg/L	WA	EPA8082
0	Pentachlorophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Pentachlorophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	Pentachlorophenol	<26.0	JU	Q		26.0	µg/L	WA	EPA8270C
0	Phenanthrene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Phenanthrene	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Phenol	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	Phenol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Potassium, total recoverable	323				100	µg/L	GE	EPA6010B
0	Potassium, total recoverable	386				187	µg/L	WA	EPA6010B
0	Potassium, total recoverable	366				187	µg/L	WA	EPA6010B
0	Pyrene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Pyrene	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<66.0				66.0	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0				66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00				5.00	µg/L	WA	EPA6010B
0	Silver, total recoverable	<0.620	JU	I	4	5.00	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,090				100	µg/L	GE	EPA6010B
0	Sodium, total recoverable	2,130				285	µg/L	WA	EPA6010B
0	Sodium, total recoverable	2,190				285	µg/L	WA	EPA6010B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Styrene	<5.00				5.00	µg/L	WA	EPA8260B
0	Styrene	<5.00				5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00				1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00				5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00				5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00				1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00				5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00				5.00	µg/L	WA	EPA8260B
0	Thallium, total recoverable	<10.0				10.0	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<55.0				55.0	µg/L	WA	EPA6010B
0	Thallium, total recoverable	<55.0				55.0	µg/L	WA	EPA6010B
0	Toluene	<1.00				1.00	µg/L	GE	EPA8260B
0	Toluene	<5.00				5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00				5.00	µg/L	WA	EPA8260B
0	Total petroleum hydrocarbons	<2,080				2,080	µg/L	GE	EPA418.1
0	Total petroleum hydrocarbons	<10,500				10,500	µg/L	WA	EPA418.1
0	Toxaphene	<0.980				0.980	µg/L	GE	EPA8081A
0	Toxaphene	<5.20				5.20	µg/L	WA	EPA8081A
0	Toxaphene	<5.00				5.00	µg/L	WA	EPA8081A
0	2,4,5-TP (Silvex)	<0.200				0.200	µg/L	GE	EPA8151A
0	2,4,5-TP (Silvex)	<0.530				0.530	µg/L	WA	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0				10.0	µg/L	GE	EPA8270C
0	1,2,4-Trichlorobenzene	<10.4				10.4	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<10.0				10.0	µg/L	WA	EPA8270C
0	1,1,1-Trichloroethane	<1.00				1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00				5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00				5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00				1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<5.00				5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00				5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<1.00				1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<5.00				5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00				5.00	µg/L	WA	EPA8260B
0	2,4,5-Trichlorophenol	<10.0				10.0	µg/L	GE	EPA8270C
0	2,4,5-Trichlorophenol	<26.0				26.0	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<50.0				50.0	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.0				10.0	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<10.4				10.4	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<20.0				20.0	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	1.50				6.90	µg/L	WA	EPA6010B
0	Vanadium, total recoverable	<6.90				6.90	µg/L	WA	EPA6010B
0	Vinyl acetate	<5.00				5.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<10.0				10.0	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0				10.0	µg/L	WA	EPA8260B

Well BRD 3 collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Xylenes	<3.00	JU	L	O	3.00	µg/L	GE	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	17.1				5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	26.8	J	I		53.0	µg/L	WA	EPA6010B
0	Zinc, total recoverable	26.7	J	I		53.0	µg/L	WA	EPA6010B
0	Actinium-228	9.42E-09±1.11E-08	U			2.03E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	-3.14E-08±2.54E-08	U			3.57E-08	µCi/mL	TM	EPA901.1M
0	Actinium-228	1.40E-09±1.97E-08	U			3.52E-08	µCi/mL	TM	EPA901.1M
0	Antimony-125	-2.22E-09±6.58E-09	U			1.11E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	3.49E-09±1.56E-08	U			2.56E-08	µCi/mL	TM	EPA901.1M
0	Antimony-125	-2.52E-09±1.39E-08	U			2.24E-08	µCi/mL	TM	EPA901.1M
0	Bismuth-212	3.80E-08±5.48E-08	U			7.40E-08	µCi/mL	TM	EPA901.1M
0	Bismuth-212	-1.25E-09±5.53E-08	U			7.90E-08	µCi/mL	TM	EPA901.1M
0	Bismuth-214	2.90E-07±3.31E-08	U			1.93E-08	µCi/mL	TM	EPA901.1M
0	Bismuth-214	1.11E-07±2.35E-08	U			1.81E-08	µCi/mL	TM	EPA901.1M
0	Cerium-144	-7.46E-09±1.31E-08	U			2.10E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-6.71E-10±2.94E-09	U			4.26E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.53E-09±6.12E-09	U			9.42E-09	µCi/mL	TM	EPA901.1M
0	Cesium-134	2.25E-09±5.58E-09	U			9.20E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	3.27E-09±2.91E-09	U			5.16E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.90E-09±7.91E-09	U			1.04E-08	µCi/mL	TM	EPA901.1M
0	Cesium-137	1.79E-09±5.66E-09	U			1.03E-08	µCi/mL	TM	EPA901.1M
0	Cobalt-57	-3.89E-10±1.66E-09	U			2.70E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.58E-10±2.87E-09	U			5.10E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.13E-09±5.74E-09	U			1.00E-08	µCi/mL	TM	EPA901.1M
0	Cobalt-60	9.48E-09±6.31E-09	U			1.08E-08	µCi/mL	TM	EPA901.1M
0	Europium-152	-1.54E-09±6.41E-09	U			1.09E-08	µCi/mL	GP	EPIA-013
0	Europium-152	2.56E-08±4.78E-08	U			8.73E-08	µCi/mL	TM	EPA901.1M
0	Europium-152	-3.93E-08±5.05E-08	U			7.21E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	3.61E-09±8.51E-09	U			1.54E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-4.30E-09±1.74E-08	U			3.01E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-1.04E-08±1.81E-08	U			2.85E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	1.21E-09±6.32E-09	U			1.05E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.45E-08±1.12E-08	R		4	1.72E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	2.39E-08±1.05E-08	R		4	1.56E-08	µCi/mL	TM	EPA901.1M
0	Gross alpha	2.19E-09±6.57E-10	U			6.69E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.32E-09±7.13E-10	U			7.90E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.17E-09±7.70E-10	J	I		1.02E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.62E-09±8.30E-10	J	I		1.03E-09	µCi/mL	TM	EPA900.0M
0	Iodine-129	1.60E-12±5.64E-10	U			9.98E-10	µCi/mL	GP	EPIA-006
0	Iodine-129	-7.92E-12±5.83E-10	U			1.03E-09	µCi/mL	GP	EPIA-006
0	Iodine-129	5.53E-09±5.50E-09	U			9.78E-09	µCi/mL	TM	EPA902.0M
0	Iodine-129	9.75E-09±5.16E-09	U	V		6.06E-09	µCi/mL	TM	EPA902.0M
0	Lead-212	6.36E-09±8.87E-09	U			5.81E-09	µCi/mL	GP	EPIA-013
0	Lead-212	-5.73E-09±1.30E-08	U			1.55E-08	µCi/mL	TM	EPA901.1M
0	Lead-212	-9.27E-09±1.41E-08	U			1.43E-08	µCi/mL	TM	EPA901.1M
0	Manganese-54	-3.65E-09±2.74E-09	U			4.41E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.72E-09±6.00E-10	J	IK	C	1.07E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.52E-09±5.82E-10	J	IK	C	1.05E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.06E-09±1.25E-09	U			1.88E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	9.30E-10±1.24E-09	U			1.88E-09	µCi/mL	TM	EPA900.0M
0	Potassium-40	6.44E-08±3.18E-08	R		4	6.30E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	5.87E-08±1.42E-07	U			1.01E-07	µCi/mL	TM	EPA901.1M
0	Potassium-40	-3.54E-09±8.36E-08	U			1.34E-07	µCi/mL	TM	EPA901.1M
0	Promethium-144	9.30E-10±2.83E-09	U			4.83E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	5.20E-10±3.15E-09	U			5.42E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.34E-08±1.18E-08	U			2.02E-08	µCi/mL	TM	EPA901.1M
0	Promethium-146	4.00E-11±1.02E-08	U			1.66E-08	µCi/mL	TM	EPA901.1M
0	Radium-226	8.74E-10±5.43E-10	U	V		6.24E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.11E-10±5.10E-10	U			1.02E-09	µCi/mL	GP	EPIA-009
0	Radium-228	0.00E+00±1.31E-09	U			2.33E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	2.00E-10±1.20E-09	U			2.11E-09	µCi/mL	TM	EPA904.0M
0	Ruthenium-106	1.74E-09±2.54E-08	U			4.30E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.31E-09±3.06E-09	U			5.53E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.15E-10±3.86E-10	U			8.58E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-1.44E-10±5.32E-10	U			1.24E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-5.50E-10±6.50E-10	U			1.26E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	-7.00E-11±7.50E-10	U			1.35E-09	µCi/mL	TM	EMLSR02M
0	Thallium-208	2.91E-09±1.75E-08	U			2.74E-08	µCi/mL	TM	EPA901.1M
0	Thallium-208	2.96E-08±2.88E-08	U			2.97E-08	µCi/mL	TM	EPA901.1M
0	Tritium	1.90E-06±4.37E-07	U			6.13E-07	µCi/mL	GP	EPIA-002
0	Tritium	1.68E-06±4.40E-07	U			5.90E-07	µCi/mL	TM	EPA906.0M
0	Tritium	2.00E-06±4.80E-07	U			6.30E-07	µCi/mL	TM	EPA906.0M
0	Yttrium-88	-6.64E-10±2.70E-09	U			4.89E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.74E-09±6.18E-09	U			1.04E-08	µCi/mL	GP	EPIA-013

WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 31.27 ft (9.53 m) below TOC
 Water elevation: 166.63 ft (50.79 m) msl
 pH: 5.1
 Sp. conductance: 26 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 75 gal

Time: 15:22
 Water temperature: 20.6°C
 Air temperature: 30.3°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	Acenaphthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Acetone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0396	U			0.0396	µg/L	GE	EPA8081A
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	Anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
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	5.72	U			5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	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	4-Bromophenyl phenyl ether	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	967	U			100	µg/L	GE	EPA6010B
0	Carbazole	<9.80	U			9.80	µg/L	GE	EPA8270C
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	alpha-Chlordane	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	4-Chloroaniline	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<9.80	U			9.80	µg/L	GE	EPA8270C
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	2-Chloronaphthalene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	2-Chlorophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<7.25	U	V		5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Dibenzofuran	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<9.80	U			9.80	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<9.80	U			9.80	µg/L	GE	EPA8270C

Well BRD 4 collected on 04/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.500	U			0.500	µg/L	GE	EPA8151A
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	Dieldrin	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Diethyl phthalate	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<19.6	U			19.6	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Diphenylamine	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Endrin	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0396	U			0.0396	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Fluorene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Heptachlor	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Hexachloroethane	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<17.3	U	V		74.0	µg/L	WA	EPA6010B
0	Isophorone	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0198	U			0.0198	µg/L	GE	EPA8081A
0	Lithium, total recoverable	<0.910	U	V		2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	459	U			20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	5.93	J	I		10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.198	U			0.198	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
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	2-Methylnaphthalene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Naphthalene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	1,150	U			50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<9.80	U			9.80	µg/L	GE	EPA8270C
0	o-Nitroaniline	<9.80	U			9.80	µg/L	GE	EPA8270C
0	p-Nitroaniline	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Nitrobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2-Nitrophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	4-Nitrophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<9.80	U			9.80	µg/L	GE	EPA8270C
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	Pentachlorophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Phenanthrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Phenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Potassium, total recoverable	354	U			100	µg/L	GE	EPA6010B
0	Pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
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	2,080	U			100	µg/L	GE	EPA6010B
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 BRD 4 collected on 04/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total organic carbon	<727	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	20.9	J	I		120	µg/L	WA	EPA9020B
0	Total petroleum hydrocarbons	<2,040	U			2,040	µg/L	GE	EPA418.1
0	Toxaphene	<0.990	U			0.990	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.500	U			0.500	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<9.80	U			9.80	µg/L	GE	EPA8270C
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	2,4,5-Trichlorophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	4.46	J	I		5.00	µg/L	GE	EPA6010B
0	Actinium-228	6.96E-09±9.57E-09	U			1.03E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.14E-09±3.64E-09	U			5.86E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.26E-08±9.65E-09	U			1.72E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.13E-09±1.22E-09	U			2.03E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	5.41E-10±2.53E-09	U			2.25E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.01E-10±1.16E-09	U			2.04E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-8.76E-11±1.18E-09	U			2.18E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-9.75E-11±4.05E-09	U			6.84E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.18E-09±3.66E-09	U			6.29E-09	µCi/mL	GP	EPIA-013
0	Europium-155	7.91E-10±4.98E-09	U			8.88E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	1.84E-09±9.32E-10	J	I		1.29E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	1.73E-10±5.74E-10	U			1.09E-09	µCi/mL	GP	EPIA-006
0	Lead-212	6.73E-10±3.86E-09	U			4.25E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-2.43E-10±1.28E-09	U			2.21E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	9.99E-10±9.32E-10	U			1.99E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	2.01E-08±1.60E-08	U			3.16E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.58E-10±1.22E-09	U			1.94E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.90E-11±1.63E-09	U			2.73E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.06E-08±1.81E-09	U			5.86E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-1.97E-10±5.04E-10	U			1.10E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	2.08E-09±1.19E-08	U			2.13E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-7.80E-10±1.31E-09	U			2.25E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-3.63E-10±6.41E-10	JU	L	C	1.54E-09	µCi/mL	GP	EPIA-004
0	Tritium	1.67E-06±4.32E-07	U			6.21E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	2.13E-10±1.46E-09	U			2.73E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3.42E-10±2.92E-09	U			4.55E-09	µCi/mL	GP	EPIA-013

WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
 Depth to water: 31.79 ft (9.69 m) below TOC
 Water elevation: 166.11 ft (50.63 m) msl
 pH: 4.8
 Sp. conductance: 26 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 105 gal

Time: 11:20
 Water temperature: 19.3°C
 Air temperature: 24.8°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	Acenaphthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Acenaphthylene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Acetone	<1.17	JU	L	O8	5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
1	Aluminum, total recoverable	43.3	J	I		50.0	µg/L	GE	EPA6010B
0	Anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Antimony, total recoverable	<4.49	U	V		10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	5.60	U			5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0196	U	I		0.0196	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0196	U	I		0.0196	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0196	U	I		0.0196	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C

ESH-EMS-2000406

Well BRD 4 collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	µg/L	GE	EPA8270C
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	4-Bromophenyl phenyl ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	812	U			100	µg/L	GE	EPA6010B
0	Carbazole	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	alpha-Chlordane	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	4-Chloroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<10.0	U			10.0	µg/L	GE	EPA8270C
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	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	2-Chloronaphthalene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2-Chlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Chrysene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Cyanide	2.86	J	I		5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	U			10.0	µg/L	GE	EPA8270C
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	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	GE	EPA8260B
0	Dichloromethane	<4.57	JU	LV	O	5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
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	Dieldrin	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Diethyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<20.0	U			20.0	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Endrin	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Fluorene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Heptachlor	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	GE	EPA8270C

Well BRD 4 collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Hexachloroethane	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Isophorone	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	Magnesium, total recoverable	395				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	5.44	J	I		10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.196	U		I	0.196	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	2-Methylnaphthalene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Naphthalene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	1,080				50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	o-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	p-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Nitrobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2-Nitrophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	4-Nitrophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	PCB 1016	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1221	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1232	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1242	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1248	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1254	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1260	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	Pentachlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Phenanthrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Phenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Potassium, total recoverable	231				100	µg/L	GE	EPA6010B
0	Pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
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	1,880				100	µg/L	GE	EPA6010B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
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	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Total petroleum hydrocarbons	<2,130	JU	L	C	2,130	µg/L	GE	EPA418.1
0	Toxaphene	<0.980	U		I	0.980	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
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	2,4,5-Trichlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	JU	L	O	3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Actinium-228	9.55E-09±1.79E-08	U			1.40E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	9.21E-10±5.35E-09	U			8.98E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	3.63E-09±1.80E-08	U			1.91E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.81E-10±2.10E-09	U			3.18E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-5.75E-10±1.90E-09	U			3.28E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.12E-09±1.47E-09	U			2.63E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.41E-10±2.18E-09	U			3.96E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-6.88E-09±5.37E-09	U			8.35E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.52E-09±5.42E-09	U			1.02E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-4.57E-09±5.87E-09	U			1.00E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.37E-09±7.34E-10	U	V		6.03E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	6.61E-11±3.12E-10	U			5.91E-10	µCi/mL	GP	EPIA-006
0	Lead-212	6.13E-09±6.59E-09	U			5.14E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.15E-09±1.90E-09	U			3.15E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	7.09E-10±6.31E-10	U			1.31E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	1.87E-08±5.56E-08	U			3.56E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.09E-09±2.00E-09	U			3.37E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.13E-10±2.52E-09	U			4.17E-09	µCi/mL	GP	EPIA-013
0	Radium-226	9.53E-10±7.00E-10	J	I		9.34E-10	µCi/mL	GP	EPIA-008

Well BRD 4 collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Radium-228	3.68E-10±3.67E-10	U			7.31E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-1.63E-09±1.64E-08	U			2.88E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	5.54E-10±1.95E-09	U			3.65E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.42E-10±5.74E-10	U			1.36E-09	µCi/mL	GP	EPIA-004
0	Tritium	2.03E-06±4.45E-07	U			6.18E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-4.33E-10±2.32E-09	U			4.11E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.68E-09±4.40E-09	U			6.94E-09	µCi/mL	GP	EPIA-013

WELL BRD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 38.42 ft (11.71 m) below TOC
 Water elevation: 166.58 ft (50.77 m) msl
 pH: 5.6
 Sp. conductance: 25 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 76 gal

Time: 11:41
 Water temperature: 21.2°C
 Air temperature: 22.8°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	Acenaphthene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Acetone	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
1	Aluminum, total recoverable	42.0	J	I		146	µg/L	WA	EPA6010B
0	Anthracene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
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	6.39				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	4-Bromophenyl phenyl ether	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	1,610				100	µg/L	GE	EPA6010B
0	Carbazole	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	alpha-Chlordane	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	4-Chloroaniline	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Chloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2-Chloronaphthalene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	2-Chlorophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Chromium, total recoverable	<1.42	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<8.97	U	V		5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U	Y		5.00	µg/L	GE	EPA9010B

Well BRD 5D collected on 04/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cyanide	<5.00	U	Y	5.00	µg/L	GE	EPA9012A	
0	p,p'-DDD	<0.0396	U	Y	0.0396	µg/L	GE	EPA8081A	
0	p,p'-DDE	<0.0396	U	Y	0.0396	µg/L	GE	EPA8081A	
0	p,p'-DDT	<0.0396	U	Y	0.0396	µg/L	GE	EPA8081A	
0	Dibenz(a,h)anthracene	<0.980	U	Y	0.980	µg/L	GE	EPA8270C	
0	Dibenzofuran	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Dibromochloromethane	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	
0	Di-n-butyl phthalate	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	1,2-Dichlorobenzene	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	1,3-Dichlorobenzene	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	1,4-Dichlorobenzene	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	3,3'-Dichlorobenzidine	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	1,1-Dichloroethane	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	
0	1,2-Dichloroethane	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	
0	1,1-Dichloroethylene	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	
0	1,2-Dichloroethylene	<2.00	U	Y	2.00	µg/L	GE	EPA8260B	
0	Dichloromethane	<5.00	U	Y	5.00	µg/L	GE	EPA8260B	
0	2,4-Dichlorophenol	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	2,4-Dichlorophenoxyacetic acid	<0.500	U	Y	0.500	µg/L	GE	EPA8151A	
0	1,2-Dichloropropane	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	
0	cis-1,3-Dichloropropene	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	
0	trans-1,3-Dichloropropene	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	
0	Dieldrin	<0.0396	U	Y	0.0396	µg/L	GE	EPA8081A	
0	Diethyl phthalate	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	2,4-Dimethyl phenol	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Dimethyl phthalate	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	2,4-Dinitrophenol	<19.6	U	Y	19.6	µg/L	GE	EPA8270C	
0	2,4-Dinitrotoluene	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	2,6-Dinitrotoluene	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Di-n-octyl phthalate	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Diphenylamine	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Endosulfan sulfate	<0.0396	U	Y	0.0396	µg/L	GE	EPA8081A	
0	Endosulfan I	<0.0198	U	Y	0.0198	µg/L	GE	EPA8081A	
0	Endosulfan II	<0.0396	U	Y	0.0396	µg/L	GE	EPA8081A	
0	Endrin	<0.0396	U	Y	0.0396	µg/L	GE	EPA8081A	
0	Endrin ketone	<0.0396	U	Y	0.0396	µg/L	GE	EPA8081A	
0	Ethylbenzene	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	
0	Fluoranthene	<0.980	U	Y	0.980	µg/L	GE	EPA8270C	
0	Fluorene	<0.980	U	Y	0.980	µg/L	GE	EPA8270C	
0	Heptachlor	<0.0198	U	Y	0.0198	µg/L	GE	EPA8081A	
0	Heptachlor epoxide	<0.0198	U	Y	0.0198	µg/L	GE	EPA8081A	
0	Hexachlorobenzene	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Hexachlorobutadiene	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Hexachlorocyclopentadiene	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Hexachloroethane	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	2-Hexanone	<5.00	U	Y	5.00	µg/L	GE	EPA8260B	
0	Indeno(1,2,3-c,d)pyrene	<0.980	U	Y	0.980	µg/L	GE	EPA8270C	
0	Iron, total recoverable	32.0	U	I	50.0	µg/L	GE	EPA6010B	
0	Iron, total recoverable	<41.0	U	V	74.0	µg/L	WA	EPA6010B	
0	Isothorone	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Lead, total recoverable	<5.00	U	Y	5.00	µg/L	GE	EPA6010B	
0	Lindane	<0.0198	U	Y	0.0198	µg/L	GE	EPA8081A	
0	Lithium, total recoverable	<1.60	U	V	2.70	µg/L	WA	EPA6010B	
0	Magnesium, total recoverable	300	U	I	20.0	µg/L	GE	EPA6010B	
0	Manganese, total recoverable	5.75	U	I	10.0	µg/L	GE	EPA6010B	
0	Mercury, total recoverable	<0.200	U	Y	0.200	µg/L	GE	EPA7470A	
0	Methoxychlor	<0.198	U	Y	0.198	µg/L	GE	EPA8081A	
0	2-Methyl-4,6-dinitrophenol	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Methyl ethyl ketone	<5.00	U	Y	5.00	µg/L	GE	EPA8260B	
0	Methyl isobutyl ketone	<5.00	U	Y	5.00	µg/L	GE	EPA8260B	
0	2-Methylnaphthalene	<0.980	U	Y	0.980	µg/L	GE	EPA8270C	
0	Naphthalene	<0.980	U	Y	0.980	µg/L	GE	EPA8270C	
0	Nickel, total recoverable	<5.00	U	Y	5.00	µg/L	GE	EPA6010B	
0	Nitrate as nitrogen	964	U	Y	50.0	µg/L	GE	EPA300.0	
0	Nitrate as nitrogen	968	U	Y	50.0	µg/L	GE	EPA300.0	
0	m-Nitroaniline	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	o-Nitroaniline	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	p-Nitroaniline	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	Nitrobenzene	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	2-Nitrophenol	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	4-Nitrophenol	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	N-Nitrosodipropylamine	<9.80	U	Y	9.80	µg/L	GE	EPA8270C	
0	PCB 1016	<0.100	U	Y	0.100	µg/L	GE	EPA8082	
0	PCB 1221	<0.100	U	Y	0.100	µg/L	GE	EPA8082	
0	PCB 1232	<0.100	U	Y	0.100	µg/L	GE	EPA8082	
0	PCB 1242	<0.100	U	Y	0.100	µg/L	GE	EPA8082	
0	PCB 1248	<0.100	U	Y	0.100	µg/L	GE	EPA8082	

Well BRD 5D collected on 04/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	PCB 1254	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	Pentachlorophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Phenanthrene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Phenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Potassium, total recoverable	389				100	µg/L	GE	EPA6010B
0	Pyrene	<0.980	U	Y		0.980	µg/L	GE	EPA8270C
0	Selenium, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	2,110				100	µg/L	GE	EPA6010B
0	Styrene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<10.0				10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Total organic carbon	<398				1,000	µg/L	WA	EPA9060
0	Total organic carbon	<419	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	16.3	J	I		120	µg/L	WA	EPA9020B
0	Total petroleum hydrocarbons	<2,040				2,040	µg/L	GE	EPA418.1
0	Toxaphene	<0.990	U	Y		0.990	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.500	U	Y		0.500	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<9.80				9.80	µg/L	GE	EPA8270C
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2,4,5-Trichlorophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<9.80	U	Y		9.80	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U	Y		3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	14.5				5.00	µg/L	GE	EPA6010B
0	Actinium-228	4.24E-09±8.65E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.42E-09±4.11E-09				6.70E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	9.48E-09±1.04E-08	U			1.85E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.47E-11±1.43E-09				2.22E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.66E-10±1.49E-09	U			2.68E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.27E-10±1.29E-09				2.27E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2.84E-10±1.59E-09	U			2.84E-09	µCi/mL	GP	EPIA-013
0	Europium-152	4.09E-09±4.88E-09				7.54E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3.41E-10±3.99E-09	U			7.38E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-2.29E-09±5.64E-09				9.81E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	2.42E-09±1.04E-09	J	I		1.13E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	4.39E-10±5.69E-10	U			1.09E-09	µCi/mL	GP	EPIA-006
0	Iodine-129	3.93E-11±3.32E-10				6.42E-10	µCi/mL	GP	EPIA-006
0	Iodine-129	4.39E-10±5.69E-10	U			1.09E-09	µCi/mL	GP	EPIA-006
0	Iodine-129	4.39E-10±5.69E-10	U			1.09E-09	µCi/mL	GP	EPIA-006
0	Lead-212	2.53E-09±3.79E-09				4.41E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.01E-09±1.36E-09	U			2.22E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.75E-09±9.89E-10	J	I		1.68E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.54E-08±3.31E-08	J	I		2.49E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	4.85E-10±1.33E-09	U			2.40E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-9.17E-10±1.84E-09	U			2.96E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.46E-08±2.15E-09				8.58E-10	µCi/mL	GP	EPIA-008
2	Radium-226	1.46E-08±2.15E-09				8.58E-10	µCi/mL	GP	EPIA-008
2	Radium-226	1.56E-08±2.24E-09				8.74E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.41E-10±6.13E-10	U			1.20E-09	µCi/mL	GP	EPIA-009
0	Radium-228	8.41E-10±6.13E-10	U			1.20E-09	µCi/mL	GP	EPIA-009
0	Radium-228	3.23E-10±4.91E-10	U			9.61E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	5.56E-09±2.02E-08				2.16E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.26E-10±1.43E-09	U			2.65E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	5.25E-10±6.96E-10	JU	L	C	1.49E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-2.99E-10±5.11E-10	JU	L	C	1.25E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-2.99E-10±5.11E-10	JU	L	C	1.25E-09	µCi/mL	GP	EPIA-004
0	Tritium	3.90E-07±3.78E-07	U			6.29E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	8.06E-10±1.65E-09	U			3.18E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3.91E-10±3.36E-09	U			5.44E-09	µCi/mL	GP	EPIA-017

WELL BRD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
 Depth to water: 38.89 ft (11.85 m) below TOC
 Water elevation: 166.11 ft (50.63 m) msl
 pH: 5.4
 Sp. conductance: 24 µS/cm
 Turbidity: 11 NTU
 Water evacuated from the well prior to sampling: 68 gal

Time: 13:45
 Water temperature: 21.6°C
 Air temperature: 28.7°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	Acenaphthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acetone	<1.43	JU	L	O8	5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
2	Aluminum, total recoverable	176				50.0	µg/L	GE	EPA6010B
0	Anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
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	6.67				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<0.971	U			0.971	µg/L	GE	EPA8270C
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	4-Bromophenyl phenyl ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	1,350				100	µg/L	GE	EPA6010B
0	Carbazole	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	alpha-Chlordane	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	4-Chloroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<9.71	U			9.71	µg/L	GE	EPA8270C
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	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	2-Chloronaphthalene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2-Chlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Chromium, total recoverable	2.69	J	I		5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Dibenzofuran	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<9.71	U			9.71	µg/L	GE	EPA8270C
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

Well BRD 5D collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	GE	EPA8260B
0	Dichloromethane	<2.54	JU	LV	O	5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.200	JU	L	O	0.000	µg/L	GE	EPA8151A
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	Dieldrin	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Diethyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<19.4	U			19.4	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Diphenylamine	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Endrin	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0392	U		I	0.0392	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Fluorene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Heptachlor	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Hexachloroethane	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
1	Iron, total recoverable	153				50.0	µg/L	GE	EPA6010B
0	Isophorone	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Lead, total recoverable	<2.15	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0196	U		I	0.0196	µg/L	GE	EPA8081A
0	Magnesium, total recoverable	274				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	8.69	J	I		10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.196	U		I	0.196	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	2-Methylnaphthalene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Naphthalene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	835				50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	o-Nitroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	p-Nitroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Nitrobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2-Nitrophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	4-Nitrophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<9.71	U			9.71	µg/L	GE	EPA8270C
0	PCB 1016	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1221	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1232	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1242	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1248	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1254	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	PCB 1260	<0.0971	U			0.0971	µg/L	GE	EPA8082
0	Pentachlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Phenanthrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Phenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Potassium, total recoverable	279				100	µg/L	GE	EPA6010B
0	Pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
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	1,870				100	µg/L	GE	EPA6010B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
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	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Total petroleum hydrocarbons	<2,000	JU	L	C	2,000	µg/L	GE	EPA418.1
0	Toxaphene	<0.980	U		I	0.980	µg/L	GE	EPA8081A

Well BRD 5D collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2,4,5-TP (Silvex)	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
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	2,4,5-Trichlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	JU	L	O	3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	7.56				5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.91E-08±1.22E-08	U			2.31E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	4.59E-09±8.68E-09	U			1.53E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	8.30E-09±1.91E-08	U			3.23E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.25E-09±3.62E-09	U			5.08E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-3.86E-09±3.67E-09	U			5.79E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	3.37E-10±2.43E-09	U			4.08E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.39E-10±2.87E-09	U			5.11E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-2.30E-09±8.31E-09	U			1.43E-08	µCi/mL	GP	EPIA-013
0	Europium-154	4.40E-10±9.72E-09	U			1.72E-08	µCi/mL	GP	EPIA-013
0	Europium-155	3.35E-10±1.00E-08	U			1.69E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.19E-09±5.77E-10	U	V		7.81E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	3.58E-10±4.57E-10	U			9.51E-10	µCi/mL	GP	EPIA-006
0	Lead-212	2.18E-08±6.20E-09	R		4	1.05E-08	µCi/mL	GP	EPIA-013
0	Manganese-54	8.20E-10±3.22E-09	U			5.57E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	9.84E-10±7.20E-10	U			1.46E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	9.00E-08±4.18E-08	R		4	7.64E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	2.10E-09±3.27E-09	U			5.73E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.92E-09±3.91E-09	U			6.58E-09	µCi/mL	GP	EPIA-013
0	Radium-226	6.35E-10±7.19E-10	U			9.96E-10	µCi/mL	GP	EPIA-008
0	Radium-226	6.88E-10±6.85E-10	U			9.17E-10	µCi/mL	GP	EPIA-008
0	Radium-226	6.35E-10±7.19E-10	U			9.96E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-2.18E-10±2.89E-10	U			6.51E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	4.70E-09±2.98E-08	U			5.14E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.34E-10±3.49E-09	U			6.18E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-8.37E-10±6.62E-10	U			1.68E-09	µCi/mL	GP	EPIA-004
0	Tritium	5.83E-07±3.81E-07	U			6.18E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	4.42E-09±3.71E-09	U			7.66E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3.50E-10±7.88E-09	U			1.21E-08	µCi/mL	GP	EPIA-013

WELL BRD 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 85.3 ft (26 m) below TOC
 Water elevation: Not available
 pH: 6.1
 Sp. conductance: 97 µS/cm
 Turbidity: 13 NTU
 Water evacuated from the well prior to sampling: 86 gal

Time: 10:33
 Water temperature: 20.1°C
 Air temperature: 18.9°C
 Total alkalinity (as CaCO₃): 27 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Acenaphthylene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Acetone	<4.44	U	VY		5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
2	Aluminum, total recoverable	480				50.0	µg/L	GE	EPA6010B
0	Anthracene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	8.53				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	18.6				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	0.998	J	I		5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U	Y		10.0	µg/L	GE	EPA8270C

Well BRD 6C collected on 04/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bis(2-ethylhexyl) phthalate	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromoforn	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	11,500				100	µg/L	GE	EPA6010B
0	Carbazole	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	alpha-Chlordane	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	4-Chloroaniline	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Chloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2-Chloronaphthalene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	2-Chlorophenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Chromium, total recoverable	3.03	J	I		5.00	µg/L	GE	EPA6010B
0	Chrysene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<4.14	U	V		5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U	Y		5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Dibenzofuran	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethylene	<2.00	U	Y		2.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.500	U	Y		0.500	µg/L	GE	EPA8151A
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dieldrin	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Diethyl phthalate	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<20.0	U	Y		20.0	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Diphenylamine	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Endrin	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0396	U	Y		0.0396	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Fluorene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Heptachlor	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Hexachloroethane	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
2	Iron, total recoverable	718				50.0	µg/L	GE	EPA6010B

Well BRD 6C collected on 04/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Isophorone	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0198	U	Y		0.0198	µg/L	GE	EPA8081A
0	Magnesium, total recoverable	856				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	61.8				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.198		Y		0.198	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	Methyl ethyl ketone	<5.00		Y		5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00		Y		5.00	µg/L	GE	EPA8260B
0	2-Methylnaphthalene	<1.00		Y		1.00	µg/L	GE	EPA8270C
0	Naphthalene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Nickel, total recoverable	7.86				5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	<50.0	U	Y		50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	o-Nitroaniline	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	p-Nitroaniline	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	Nitrobenzene	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	2-Nitrophenol	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	4-Nitrophenol	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	PCB 1016	<0.100		Y		0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100		Y		0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100		Y		0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100		Y		0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100		Y		0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100		Y		0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100		Y		0.100	µg/L	GE	EPA8082
0	Pentachlorophenol	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	Phenanthrene	<1.00		Y		1.00	µg/L	GE	EPA8270C
0	Phenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Potassium, total recoverable	892				100	µg/L	GE	EPA6010B
0	Pyrene	<1.00		Y		1.00	µg/L	GE	EPA8270C
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	5,730				100	µg/L	GE	EPA6010B
0	Styrene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00		Y		1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00		Y		1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<10.0		Y		10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00		Y		1.00	µg/L	GE	EPA8260B
0	Total petroleum hydrocarbons	<2,080		Y		2,080	µg/L	GE	EPA418.1
0	Toxaphene	<0.990		Y		0.990	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.500		Y		0.500	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	1,1,1-Trichloroethane	<1.00		Y		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00		Y		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00		Y		1.00	µg/L	GE	EPA8260B
0	2,4,5-Trichlorophenol	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	2.09	J	I		5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U	Y		3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	7.58				5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.50E-08±9.23E-09	R		4	9.87E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	3.24E-09±4.43E-09	U			6.65E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-3.80E-09±9.93E-09	U			1.69E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.12E-09±1.29E-09	U			2.12E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.11E-09±1.59E-09	U			2.91E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.58E-10±1.29E-09	U			2.24E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-9.13E-11±1.54E-09	U			2.77E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-9.27E-10±4.92E-09	U			7.18E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-9.66E-10±3.91E-09	U			6.95E-09	µCi/mL	GP	EPIA-013
0	Europium-155	8.14E-10±5.27E-09	U			9.24E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	2.01E-09±1.12E-09	J	I		1.70E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	1.53E-10±3.54E-10	U			6.73E-10	µCi/mL	GP	EPIA-006
0	Lead-212	3.49E-09±2.82E-09	U			4.95E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.22E-09±1.33E-09	U			2.52E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.44E-09±8.85E-10	U			1.76E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	4.25E-09±1.90E-08	U			3.04E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.17E-09±1.28E-09	U			2.41E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	3.65E-10±1.74E-09	U			3.14E-09	µCi/mL	GP	EPIA-013
1	Radium-226	3.38E-09±1.07E-09	U			6.23E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-1.05E-10±4.62E-10	U			9.48E-10	µCi/mL	GP	EPIA-009

Well BRD 6C collected on 04/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ruthenium-106	2.71E-09±1.22E-08	U			2.19E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-3.46E-10±1.40E-09	U			2.49E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-2.20E-10±3.71E-10	JU	L	C	9.24E-10	µCi/mL	GP	EPIA-004
0	Tritium	5.18E-08±3.78E-07	U			6.59E-07	µCi/mL	GP	EPIA-002
0	Tritium	5.18E-08±3.78E-07	U			6.59E-07	µCi/mL	GP	EPIA-002
0	Tritium	5.18E-08±3.78E-07	U			6.59E-07	µCi/mL	GP	EPIA-002
0	Tritium	5.18E-08±3.78E-07	U			6.59E-07	µCi/mL	GP	EPIA-002
0	Tritium	5.18E-08±3.78E-07	U			6.59E-07	µCi/mL	GP	EPIA-002
0	Tritium	5.18E-08±3.78E-07	U			6.59E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-1.70E-09±1.68E-09	U			2.73E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.03E-09±2.91E-09	U			5.13E-09	µCi/mL	GP	EPIA-013

WELL BRD 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
Depth to water: 89.98 ft (27.43 m) below TOC
Water elevation: Not available
pH: 6.9
Sp. conductance: 97 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 53 gal

Time: 12:21
Water temperature: 22.4°C
Air temperature: 35.5°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	Acenaphthene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Acenaphthylene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Aldrin	<0.0488	U			0.0488	µg/L	ML	EPA8081A
1	Aluminum, total recoverable	43.7				40.0	µg/L	ML	EPA6010B
0	Anthracene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Antimony, total recoverable	<20.0	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	12.2	J	I		20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	12.2	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U	L	O	1.00	µg/L	ML	EPA8260B
0	alpha-Benzene hexachloride	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	beta-Benzene hexachloride	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	delta-Benzene hexachloride	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Benzo(a)anthracene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Benzo(b)fluoranthene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Benzo(k)fluoranthene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Benzo(g,h,i)perylene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Benzo(a)pyrene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bis(2-chloroethoxy) methane	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Bis(2-chloroethyl) ether	<1.80	U			1.80	µg/L	ML	EPA8270C
0	Bis(2-chloroisopropyl) ether	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	4-Bromophenyl phenyl ether	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Butylbenzyl phthalate	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	9,850				120	µg/L	ML	EPA6010B
0	Carbazole	<10.0	U			10.0	µg/L	ML	EPA8270C
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	alpha-Chlordane	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	gamma-Chlordane	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	4-Chloroaniline	<10.0	U			10.0	µg/L	ML	EPA8270C
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	4-Chloro-m-cresol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Chloronaphthalene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2-Chlorophenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	4-Chlorophenyl phenyl ether	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Chrysene	<2.00	U			2.00	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	m/p-Cresol	<5.00	U			5.00	µg/L	ML	EPA8270C

Well BRD 6C collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	o-Cresol (2-Methylphenol)	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	p,p'-DDD	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	p,p'-DDE	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	p,p'-DDT	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Dibenz(a,h)anthracene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Dibenzofuran	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Di-n-butyl phthalate	<2.00	U			2.00	µg/L	ML	EPA8270C
0	1,2-Dichlorobenzene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	1,3-Dichlorobenzene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	1,4-Dichlorobenzene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	U			20.0	µg/L	ML	EPA8270C
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	2,4-Dichlorophenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dieldrin	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Diethyl phthalate	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2,4-Dimethyl phenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Dimethyl phthalate	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2,4-Dinitrophenol	<10.0	U			10.0	µg/L	ML	EPA8270C
0	2,4-Dinitrotoluene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2,6-Dinitrotoluene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Di-n-octyl phthalate	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Endosulfan sulfate	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Endosulfan I	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Endosulfan II	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Endrin	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Endrin ketone	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Fluoranthene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Fluorene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Heptachlor	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Heptachlor epoxide	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Hexachlorobenzene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Hexachlorobutadiene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Hexachlorocyclopentadiene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Hexachloroethane	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<2.00	U			2.00	µg/L	ML	EPA8270C
1	Iron, total recoverable	163	U			40.0	µg/L	ML	EPA6010B
0	Isophorone	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Lindane	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	Magnesium, total recoverable	701	U			185	µg/L	ML	EPA6010B
2	Manganese, total recoverable	73.5	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Methoxychlor	<0.0488	U			0.0488	µg/L	ML	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<10.0	U			10.0	µg/L	ML	EPA8270C
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	2-Methylnaphthalene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Naphthalene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate as nitrogen	<50.0	U			50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<5.00	U			5.00	µg/L	ML	EPA8270C
0	o-Nitroaniline	<5.00	U			5.00	µg/L	ML	EPA8270C
0	p-Nitroaniline	<24.0	U			24.0	µg/L	ML	EPA8270C
0	Nitrobenzene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2-Nitrophenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	4-Nitrophenol	<10.0	U			10.0	µg/L	ML	EPA8270C
0	N-Nitrosodiphenylamine	<2.00	U			2.00	µg/L	ML	EPA8270C
0	N-Nitrosodipropylamine	<5.00	U			5.00	µg/L	ML	EPA8270C
0	PCB 1016	<0.976	U			0.976	µg/L	ML	EPA8082
0	PCB 1221	<0.976	U			0.976	µg/L	ML	EPA8082
0	PCB 1232	<0.976	U			0.976	µg/L	ML	EPA8082
0	PCB 1242	<0.976	U			0.976	µg/L	ML	EPA8082
0	PCB 1248	<0.976	U			0.976	µg/L	ML	EPA8082
0	PCB 1254	<0.976	U			0.976	µg/L	ML	EPA8082
0	PCB 1260	<0.976	U			0.976	µg/L	ML	EPA8082
0	Pentachlorophenol	<10.0	U			10.0	µg/L	ML	EPA8270C

ESH-EMS-2000406

Well BRD 6C collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Phenanthrene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Phenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Potassium, total recoverable	831	J	I		1,870	µg/L	ML	EPA6010B
0	Pyrene	<2.00	U			2.00	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	7,910				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<8.52	JU		4	20.0	µg/L	ML	EPA6010B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Total petroleum hydrocarbons	<2,000	JU	L	C	2,000	µg/L	GE	EPA418.1
0	Toxaphene	<2.44	U			2.44	µg/L	ML	EPA8081A
0	2,4,5-TP (Silvex)	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<1.35	U			1.35	µg/L	ML	EPA8270C
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2,4,5-Trichlorophenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	2,4,6-Trichlorophenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	6.22	J	I		30.0	µg/L	ML	EPA6010B
0	Actinium-228	2.57E-08±5.81E-08	U			1.05E-07	µCi/mL	ML	EPIA-013
0	Actinium-228	3.99E-08±5.93E-08	U			9.96E-08	µCi/mL	ML	EPIA-013
0	Antimony-125	-4.56E-09±4.45E-08	U			8.50E-08	µCi/mL	ML	EPIA-013
0	Antimony-125	-6.96E-09±5.14E-08	U			9.68E-08	µCi/mL	ML	EPIA-013
0	Bismuth-212	-3.05E-08±2.10E-07	U			4.32E-07	µCi/mL	ML	EPIA-013
0	Bismuth-212	6.28E-08±2.70E-07	U			4.97E-07	µCi/mL	ML	EPIA-013
0	Bismuth-214	7.91E-08±4.03E-08	J	I		4.74E-08	µCi/mL	ML	EPIA-013
0	Bismuth-214	1.00E-07±4.75E-08	J	I		5.79E-08	µCi/mL	ML	EPIA-013
0	Cesium-134	-5.08E-08±4.92E-08	U			3.89E-08	µCi/mL	ML	EPIA-013
0	Cesium-134	-7.64E-08±6.21E-08	U			2.70E-08	µCi/mL	ML	EPIA-013
0	Cesium-137	5.83E-09±1.67E-08	U			3.04E-08	µCi/mL	ML	EPIA-013
0	Cesium-137	1.81E-09±1.63E-08	U			3.14E-08	µCi/mL	ML	EPIA-013
0	Cobalt-60	-7.76E-10±1.76E-08	U			3.77E-08	µCi/mL	ML	EPIA-013
0	Cobalt-60	-7.76E-09±3.19E-08	U			3.94E-08	µCi/mL	ML	EPIA-013
0	Europium-152	1.09E-08±3.86E-08	U			4.72E-08	µCi/mL	ML	EPIA-013
0	Europium-152	1.37E-08±5.37E-08	U			4.92E-08	µCi/mL	ML	EPIA-013
0	Europium-154	1.98E-08±6.20E-08	U			3.84E-08	µCi/mL	ML	EPIA-013
0	Europium-154	-2.45E-08±6.81E-08	U			3.46E-08	µCi/mL	ML	EPIA-013
0	Europium-155	-6.47E-09±4.15E-08	U			6.29E-08	µCi/mL	ML	EPIA-013
0	Europium-155	-1.79E-08±3.88E-08	U			6.12E-08	µCi/mL	ML	EPIA-013
0	Gross alpha	3.77E-09±2.53E-09	U			8.77E-09	µCi/mL	ML	EPIA-001
0	Iodine-129	-1.44E-10±3.40E-10	U			6.13E-10	µCi/mL	GP	EPIA-006
0	Lead-212	6.36E-09±2.55E-08	U			4.50E-08	µCi/mL	ML	EPIA-013
0	Lead-212	1.77E-09±2.50E-08	U			4.53E-08	µCi/mL	ML	EPIA-013
0	Nonvolatile beta	1.93E-09±1.75E-09	U			6.36E-09	µCi/mL	ML	EPIA-001
0	Potassium-40	<0.00E+00	U			4.42E-07	µCi/mL	ML	EPIA-013
0	Potassium-40	1.53E-07±2.19E-07	U			3.63E-07	µCi/mL	ML	EPIA-013
0	Promethium-146	9.05E-10±1.71E-08	U			3.30E-08	µCi/mL	ML	EPIA-013
0	Promethium-146	-4.79E-09±1.92E-08	U			3.82E-08	µCi/mL	ML	EPIA-013
0	Radium-226	9.08E-10±7.12E-10	U			9.79E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.61E-10±2.93E-10	U			6.03E-10	µCi/mL	GP	EPIA-009
0	Radium-228	-2.55E-10±3.08E-10	U			6.89E-10	µCi/mL	GP	EPIA-009
0	Radium-228	-2.55E-10±3.08E-10	U			6.89E-10	µCi/mL	GP	EPIA-009
0	Radium-228	-2.55E-10±3.08E-10	U			6.89E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.86E-10±6.81E-10	U			1.60E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-6.60E-12±5.86E-10	U			1.35E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-6.60E-12±5.86E-10	U			1.35E-09	µCi/mL	GP	EPIA-004
0	Thallium-208	1.12E-09±1.78E-08	U			3.36E-08	µCi/mL	ML	EPIA-013
0	Thallium-208	4.94E-09±1.39E-08	U			2.54E-08	µCi/mL	ML	EPIA-013
0	Tritium	8.25E-07±4.49E-07	J	I		5.90E-07	µCi/mL	ML	EPIA-002
0	Tritium	2.73E-07±4.30E-07	U			6.02E-07	µCi/mL	ML	EPIA-002

WELL BRD 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 67.88 ft (20.69 m) below TOC
 Water elevation: Not available
 pH: 7.1
 Sp. conductance: 50 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 74 gal

Time: 10:42
 Water temperature: 19.5°C
 Air temperature: 22°C
 Total alkalinity (as CaCO₃): 20 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

Well BRD 6D collected on 04/19/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 1,2-Dichloroethane <1.00
0	Acenaphthylene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 1,1-Dichloroethylene <1.00
0	Acetone	<5.38	U	Y	5.00	µg/L	GE	EPA8260B	0 1,2-Dichloroethylene <2.00
0	Aldrin	<0.0385	U	Y	0.0385	µg/L	GE	EPA8081A	0 Dichloromethane <5.00
2	Aluminum, total recoverable	406			50.0	µg/L	GE	EPA6010B	0 2,4-Dichlorophenol <10.0
0	Anthracene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 2,4-Dichlorophenoxyacetic acid <0.500
0	Antimony, total recoverable	<10.0	U		10.0	µg/L	GE	EPA6010B	0 1,2-Dichloropropane <1.00
0	Arsenic, total recoverable	<5.00	U		5.00	µg/L	GE	EPA6010B	0 cis-1,3-Dichloropropene <1.00
0	Barium, total recoverable	18.2			5.00	µg/L	GE	EPA6010B	0 trans-1,3-Dichloropropene <1.00
0	Benzene	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	0 Dieldrin <0.0385
0	alpha-Benzene hexachloride	<0.0192	U	Y	0.0192	µg/L	GE	EPA8081A	0 Diethyl phthalate <10.0
0	beta-Benzene hexachloride	<0.0192	U	Y	0.0192	µg/L	GE	EPA8081A	0 2,4-Dimethyl phenol <10.0
0	delta-Benzene hexachloride	<0.0192	U	Y	0.0192	µg/L	GE	EPA8081A	0 Dimethyl phthalate <10.0
0	Benzo(a)anthracene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 2,4-Dinitrophenol <20.0
0	Benzo(b)fluoranthene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 2,4-Dinitrotoluene <10.0
0	Benzo(k)fluoranthene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 2,6-Dinitrotoluene <10.0
0	Benzo(g,h,i)perylene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 Di-n-octyl phthalate <10.0
0	Benzo(a)pyrene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 Diphenylamine <10.0
0	Beryllium, total recoverable	<5.00	U		5.00	µg/L	GE	EPA6010B	0 Endosulfan sulfate <0.0385
0	Bis(2-chloroethoxy) methane	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Endosulfan I <0.0192
0	Bis(2-chloroethyl) ether	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Endosulfan II <0.0385
0	Bis(2-chloroisopropyl) ether	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Endrin <0.0385
0	Bis(2-ethylhexyl) phthalate	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 Endrin ketone <0.0385
0	Bromodichloromethane	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 Ethylbenzene <1.00
0	Bromoform	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 Fluoranthene <1.00
0	Bromomethane	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 Fluorene <1.00
0	4-Bromophenyl phenyl ether	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Heptachlor <0.0192
0	Butylbenzyl phthalate	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Heptachlor epoxide <0.0192
0	Cadmium, total recoverable	<5.00	U		5.00	µg/L	GE	EPA6010B	0 Hexachlorobenzene <10.0
0	Calcium, total recoverable	2,150			100	µg/L	GE	EPA6010B	0 Hexachlorobutadiene <10.0
0	Carbazole	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Hexachlorocyclopentadiene <10.0
0	Carbon disulfide	<5.00	U	Y	5.00	µg/L	GE	EPA8260B	0 Hexachloroethane <10.0
0	Carbon tetrachloride	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	0 2-Hexanone <5.00
0	alpha-Chlordane	<0.0192	U	Y	0.0192	µg/L	GE	EPA8081A	0 Indeno(1,2,3-c,d)pyrene <1.00
0	gamma-Chlordane	<0.0192	U	Y	0.0192	µg/L	GE	EPA8081A	1 Iron, total recoverable 264
0	4-Chloroaniline	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Isophorone <10.0
0	Chlorobenzene	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	0 Lead, total recoverable <5.00
0	4-Chloro-m-cresol	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Lindane <0.0192
0	Chloroethane	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	0 Magnesium, total recoverable 190
0	Chloroethene (Vinyl chloride)	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	0 Manganese, total recoverable 10.8
0	Chloroform	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	0 Mercury, total recoverable <0.200
0	Chloromethane	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	0 Methoxychlor <0.192
0	2-Chloronaphthalene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 2-Methyl-4,6-dinitrophenol <10.0
0	2-Chlorophenol	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Methyl ethyl ketone <5.00
0	4-Chlorophenyl phenyl ether	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Methyl isobutyl ketone <5.00
0	Chromium, total recoverable	3.13	J	I	5.00	µg/L	GE	EPA6010B	0 2-Methylnaphthalene <1.00
0	Chrysene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 Naphthalene <1.00
0	Cobalt, total recoverable	1.55	J	I	5.00	µg/L	GE	EPA6010B	0 Nickel, total recoverable <5.00
0	Copper, total recoverable	<5.00	U		5.00	µg/L	GE	EPA6010B	0 Nitrate as nitrogen 909
0	m/p-Cresol	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 Nitrate as nitrogen 897
0	o-Cresol (2-Methylphenol)	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 m-Nitroaniline <10.0
0	Cyanide	<5.00	U	Y	5.00	µg/L	GE	EPA9012A	0 o-Nitroaniline <10.0
0	Cyanide	<5.00	U	Y	5.00	µg/L	GE	EPA9012A	0 p-Nitroaniline <10.0
0	p,p'-DDD	<0.0385	U	Y	0.0385	µg/L	GE	EPA8081A	0 Nitrobenzene <10.0
0	p,p'-DDE	<0.0385	U	Y	0.0385	µg/L	GE	EPA8081A	0 2-Nitrophenol <10.0
0	p,p'-DDT	<0.0385	U	Y	0.0385	µg/L	GE	EPA8081A	0 4-Nitrophenol <10.0
0	Dibenz(a,h)anthracene	<1.00	U	Y	1.00	µg/L	GE	EPA8270C	0 N-Nitrosodipropylamine <10.0
0	Dibenzofuran	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 PCB 1016 <0.100
0	Dibromochloromethane	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	0 PCB 1221 <0.100
0	Di-n-butyl phthalate	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 PCB 1232 <0.100
0	1,2-Dichlorobenzene	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 PCB 1242 <0.100
0	1,3-Dichlorobenzene	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 PCB 1248 <0.100
0	1,4-Dichlorobenzene	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 PCB 1254 <0.100
0	3,3'-Dichlorobenzidine	<10.0	U	Y	10.0	µg/L	GE	EPA8270C	0 PCB 1260 <0.100
0	1,1-Dichloroethane	<1.00	U	Y	1.00	µg/L	GE	EPA8260B	0 Pentachlorophenol <10.0
									0 Phenanthrene <1.00
									0 Phenol <10.0
									0 Potassium, total recoverable 655
									0 Pyrene <1.00
									0 Selenium, total recoverable <5.00
									0 Silver, total recoverable <0.640
									0 Sodium, total recoverable 6,100
									0 Styrene <1.00
									0 1,1,2,2-Tetrachloroethane <1.00
									0 Tetrachloroethylene <1.00
									0 Thallium, total recoverable <10.0
									0 Toluene <1.00

Well BRD 6D collected on 04/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total petroleum hydrocarbons	<2,040	U	Y		2,040	µg/L	GE	EPA418.1
0	Toxaphene	<0.962	U	Y		0.962	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.500	JU	LY	IO	0.500	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2,4,5-Trichlorophenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<1.18	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U	Y		3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	5.35				5.00	µg/L	GE	EPA6010B
0	Actinium-228	9.10E-09±7.11E-09	U			1.34E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	1.47E-09±4.44E-09	U			7.77E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-5.90E-09±1.00E-08	U			1.60E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.46E-09±1.96E-09	U			2.71E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.16E-10±1.87E-09	U			3.23E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.37E-09±1.27E-09	U			1.99E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-2.83E-10±1.79E-09	U			3.14E-09	µCi/mL	GP	EPIA-013
0	Europium-152	4.68E-09±4.33E-09	U			7.86E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.86E-09±5.16E-09	U			9.62E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.41E-09±5.02E-09	U			8.21E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	1.58E-09±8.02E-10	J	I		8.19E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-2.03E-10±4.95E-10	U			8.63E-10	µCi/mL	GP	EPIA-006
0	Lead-212	2.05E-09±4.76E-09	U			4.10E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.76E-12±1.81E-09	U			3.22E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.51E-09±7.92E-10	J	I		1.50E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.54E-08±3.41E-08	J	I		3.05E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.10E-10±1.69E-09	U			2.88E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-2.06E-09±2.14E-09	U			3.44E-09	µCi/mL	GP	EPIA-013
2	Radium-226	8.41E-09±1.58E-09	U			5.59E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.63E-10±5.08E-10	U			1.02E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	5.31E-09±1.60E-08	U			2.79E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.02E-09±1.85E-09	U			3.44E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.90E-10±4.92E-10	JU	L	C	1.10E-09	µCi/mL	GP	EPIA-004
0	Tritium	1.03E-06±3.95E-07	J	I		6.05E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	2.15E-10±1.55E-09	U			3.01E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	4.10E-11±3.90E-09	U			6.06E-09	µCi/mL	GP	EPIA-013

WELL BRD 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
 Depth to water: 69.21 ft (21.1 m) below TOC
 Water elevation: Not available
 pH: 6.2
 Sp. conductance: 50 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 17 gal

Time: 10:01
 Water temperature: 21.7°C
 Air temperature: 31.1°C
 Total alkalinity (as CaCO₃): 16 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

WELL BRD 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
 Depth to water: 69.21 ft (21.1 m) below TOC
 Water elevation: Not available
 pH: 6.7
 Sp. conductance: 35 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 25 gal

Time: 10:41
 Water temperature: 21.8°C
 Air temperature: 39.5°C
 Total alkalinity (as CaCO₃): 9 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acetone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0194	U			0.0194	µg/L	GE	EPA8081A

ESH-EMS-2000406

Well BRD 6D collected on 06/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	299				50.0	µg/L	GE	EPA6010B
0	Anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
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	8.55				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<0.971	U			0.971	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	4-Bromophenyl phenyl ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	1,090				100	µg/L	GE	EPA6010B
0	Carbazole	<9.71	U			9.71	µg/L	GE	EPA8270C
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	alpha-Chlordane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	4-Chloroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
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	2-Chloronaphthalene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	2-Chlorophenol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Chromium, total recoverable	5.31				5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	1.78	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Dibenzofuran	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<9.71	U			9.71	µg/L	GE	EPA8270C
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	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
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	Dieldrin	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Diethyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<19.4	JU	L	O	19.4	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Diphenylamine	<9.71	U			9.71	µg/L	GE	EPA8270C

B-70

Second Quarter 2000

Well BRD 6D collected on 06/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Endosulfan sulfate	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endrin	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Fluorene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Heptachlor	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Hexachloroethane	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
1	Iron, total recoverable	180				50.0	µg/L	GE	EPA6010B
0	Isophorone	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Magnesium, total recoverable	194				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	11.8				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.194	U			0.194	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
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	2-Methylnaphthalene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Naphthalene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Nickel, total recoverable	3.26	J	I		5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	863				50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	o-Nitroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	p-Nitroaniline	<9.71	U			9.71	µg/L	GE	EPA8270C
0	Nitrobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
0	2-Nitrophenol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	4-Nitrophenol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<9.71	U			9.71	µg/L	GE	EPA8270C
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	Pentachlorophenol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	Phenanthrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Phenol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	Potassium, total recoverable	603				100	µg/L	GE	EPA6010B
0	Pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
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	5,500				100	µg/L	GE	EPA6010B
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	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total petroleum hydrocarbons	<1,960	JU	L	C	1,960	µg/L	GE	EPA418.1
0	Toxaphene	<0.971	U			0.971	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<9.71	U			9.71	µg/L	GE	EPA8270C
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	2,4,5-Trichlorophenol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<9.71	JU	L	O	9.71	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	1.23	J	I		5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	8.47				5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.27E-08±9.16E-09	U			1.68E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	3.60E-09±5.59E-09	U			9.72E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	7.09E-09±1.12E-08	U			1.85E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.27E-09±2.30E-09	U			3.75E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.09E-09±2.46E-09	U			4.26E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	9.05E-11±1.35E-09	U			2.22E-09	µCi/mL	GP	EPIA-013

Well BRD 6D collected on 06/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cobalt-60	6.70E-10±2.50E-09	U			4.43E-09	µCi/mL	GP	EPIA-013
0	Europium-152	4.47E-09±5.59E-09	U			9.79E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.68E-09±1.68E-08	U			1.19E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.74E-09±5.42E-09	U			9.00E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	8.51E-10±3.54E-10	J	I		4.83E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-4.79E-11±6.38E-10	U			1.25E-09	µCi/mL	GP	EPIA-006
0	Iodine-129	2.26E-10±4.82E-10	U			1.01E-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.37E-08±3.70E-09	R		4	6.45E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	2.73E-09±2.40E-09	U			4.41E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.02E-09±4.28E-10	J	I		7.78E-10	µCi/mL	GP	EPIA-001
0	Potassium-40	5.22E-08±2.70E-08	R		4	5.18E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.37E-09±2.32E-09	U			3.97E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	9.58E-10±2.94E-09	U			4.46E-09	µCi/mL	GP	EPIA-013
0	Radium-226	5.84E-10±4.58E-10	U			6.03E-10	µCi/mL	GP	EPIA-008
0	Radium-226	5.95E-10±5.02E-10	U			7.13E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.12E-10±5.50E-10	U			1.10E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	4.93E-09±2.13E-08	U			3.61E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	6.01E-10±6.02E-09	U			4.10E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.57E-10±4.50E-10	U			9.78E-10	µCi/mL	GP	EPIA-004
0	Tritium	8.25E-07±4.11E-07	J	I		6.55E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	2.61E-10±2.30E-09	U			4.27E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.71E-09±5.69E-09	U			8.83E-09	µCi/mL	GP	EPIA-013

WELL BRD 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
Depth to water: 30.31 ft (9.24 m) below TOC
Water elevation: Not available
pH: 6
Sp. conductance: 40 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 81 gal

Time: 10:49
Water temperature: 20.2°C
Air temperature: 25°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	Acenaphthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Acenaphthylene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Acetone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Aluminum, total recoverable	23.4	J	I		50.0	µg/L	GE	EPA6010B
0	Anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
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	5.25	U			5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	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	4-Bromophenyl phenyl ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	1,330				100	µg/L	GE	EPA6010B
0	Carbazole	<10.0	U			10.0	µg/L	GE	EPA8270C
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	alpha-Chlordane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	4-Chloroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B

Well BRD 7D collected on 04/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	2-Chloronaphthalene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	2-Chlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Chrysene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<1.88	JU	I	4	5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	U			10.0	µg/L	GE	EPA8270C
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	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.500	U			0.500	µg/L	GE	EPA8151A
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	Dieldrin	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Diethyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<20.0	U			20.0	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endrin	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Fluorene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Heptachlor	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachloroethane	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Iron, total recoverable	22.1	J	I		50.0	µg/L	GE	EPA6010B
0	Isophorone	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Magnesium, total recoverable	193	U			20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	14.1	U			10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.194	U			0.194	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
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	2-Methylnaphthalene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	1,410	U			50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	o-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	p-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C

Well BRD 7D collected on 04/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nitrobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2-Nitrophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	4-Nitrophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
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	Pentachlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Phenanthrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Phenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Potassium, total recoverable	371	U			100	µg/L	GE	EPA6010B
0	Pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
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	6,340	U			100	µg/L	GE	EPA6010B
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	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total petroleum hydrocarbons	<2,000	U			2,000	µg/L	GE	EPA418.1
0	Toxaphene	<0.971	U			0.971	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.500	U			0.500	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
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	2,4,5-Trichlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	6.52	U			5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.26E-09±1.17E-08	U			9.78E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	2.39E-10±3.68E-09	U			6.20E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.02E-08±9.01E-09	U			1.47E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.10E-10±1.35E-09	U			2.01E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.29E-10±2.74E-09	U			2.63E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	8.59E-11±1.05E-09	U			1.82E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.87E-10±1.50E-09	U			2.72E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-8.99E-10±4.15E-09	U			6.89E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.12E-09±4.29E-09	U			7.12E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.12E-09±4.06E-09	U			7.20E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	7.80E-10±5.80E-10	U			7.91E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	2.47E-10±3.52E-10	U			6.44E-10	µCi/mL	GP	EPIA-006
0	Lead-212	5.08E-09±3.68E-09	J	I		3.86E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.44E-09±1.41E-09	U			2.27E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.39E-09±7.77E-10	U			1.50E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	4.33E-08±1.88E-08	R		4	3.86E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	5.74E-10±1.00E-09	U			2.23E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	8.92E-10±3.26E-09	U			3.07E-09	µCi/mL	GP	EPIA-013
2	Radium-226	2.19E-08±2.67E-09	U			8.92E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.20E-10±5.07E-10	U			1.05E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-8.65E-09±1.09E-08	U			1.83E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	7.47E-10±1.53E-09	U			2.54E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-3.35E-10±3.98E-10	U			8.85E-10	µCi/mL	GP	EPIA-004
0	Tritium	3.80E-07±3.60E-07	U			5.99E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	1.48E-09±1.31E-09	U			2.84E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.06E-10±2.65E-09	U			4.07E-09	µCi/mL	GP	EPIA-013

WELL BRD 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
 Depth to water: 30.78 ft (9.38 m) below TOC
 Water elevation: Not available
 pH: 6.7
 Sp. conductance: 38 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 26 gal

Time: 13:31
 Water temperature: 21°C
 Air temperature: 28.9°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

Well BRD 7D collected on 05/30/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</
---	---------	--------	----	---	-----	-----	------	-----	--------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

Well BRD 7D collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2,4,5-TP (Silvex)	<0.200	JU	LY	O	0.200	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<1.35	U	Y		1.35	µg/L	ML	EPA8270C
0	1,1,1-Trichloroethane	<1.00	JU	LY	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	LY	O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	JU	LY	O	1.00	µg/L	ML	EPA8260B
0	2,4,5-Trichlorophenol	<5.00	U	Y		5.00	µg/L	ML	EPA8270C
0	2,4,6-Trichlorophenol	<5.00	U	Y		5.00	µg/L	ML	EPA8270C
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	JU	LY	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	LY	O	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	7.84	J	I		30.0	µg/L	ML	EPA6010B
0	Actinium-228	7.22E-08±7.66E-08	U			1.20E-07	µCi/mL	ML	EPIA-013
0	Antimony-125	1.11E-08±5.61E-08	U			1.00E-07	µCi/mL	ML	EPIA-013
0	Bismuth-212	-1.45E-07±3.24E-07	U			6.44E-07	µCi/mL	ML	EPIA-013
0	Bismuth-214	5.77E-07±9.61E-08	U			3.49E-08	µCi/mL	ML	EPIA-013
0	Cesium-134	-3.87E-07±2.35E-07	U			4.03E-08	µCi/mL	ML	EPIA-013
0	Cesium-137	-2.08E-09±2.38E-08	U			4.50E-08	µCi/mL	ML	EPIA-013
0	Cobalt-60	<0.00E+00	U			3.65E-08	µCi/mL	ML	EPIA-013
0	Europium-152	3.18E-08±6.16E-08	U			7.51E-08	µCi/mL	ML	EPIA-013
0	Europium-154	2.10E-08±5.86E-08	U			5.51E-08	µCi/mL	ML	EPIA-013
0	Europium-155	7.04E-09±5.38E-08	U			8.60E-08	µCi/mL	ML	EPIA-013
0	Gross alpha	1.16E-09±1.98E-09	U			8.46E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	3.80E-09±2.56E-09	U			8.84E-09	µCi/mL	ML	EPIA-001
0	Iodine-129	3.33E-10±5.41E-10	U			1.07E-09	µCi/mL	GP	EPIA-006
0	Lead-212	-8.16E-08±5.10E-08	U			9.63E-08	µCi/mL	ML	EPIA-013
0	Nonvolatile beta	7.20E-10±1.57E-09	U			6.39E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-3.25E-10±1.44E-09	U			6.42E-09	µCi/mL	ML	EPIA-001
0	Potassium-40	-3.13E-08±3.04E-07	U			5.95E-07	µCi/mL	ML	EPIA-013
0	Promethium-146	2.59E-08±2.17E-08	U			3.20E-08	µCi/mL	ML	EPIA-013
0	Radium-226	9.08E-10±5.37E-10	J	I		2.24E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.77E-10±4.73E-10	U			9.58E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-7.40E-11±5.41E-10	U			1.27E-09	µCi/mL	GP	EPIA-004
0	Thallium-208	1.45E-08±1.86E-08	U			3.04E-08	µCi/mL	ML	EPIA-013
0	Tritium	1.16E-06±4.67E-07	J	I		5.93E-07	µCi/mL	ML	EPIA-002

WELL BRD 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 35.32 ft (10.77 m) below TOC
 Water elevation: Not available
 pH: 5.8
 Sp. conductance: 29 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 55 gal

Time: 13:10
 Water temperature: 20.2°C
 Air temperature: 21.8°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	Acenaphthene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Acenaphthylene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Acetone	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Aldrin	<0.0404	U	Y		0.0404	µg/L	GE	EPA8081A
2	Aluminum, total recoverable	270	U			50.0	µg/L	GE	EPA6010B
0	Anthracene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
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	8.84	U			5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	alpha-Benzene hexachloride	<0.0202	U	Y		0.0202	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0202	U	Y		0.0202	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0202	U	Y		0.0202	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	4-Bromophenyl phenyl ether	<10.0	U	Y		10.0	µg/L	GE	EPA8270C

Well BRD 8D collected on 04/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Butylbenzyl phthalate	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	675				100	µg/L	GE	EPA6010B
0	Carbazole	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	alpha-Chlordane	<0.0202	U			0.0202	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0202	U			0.0202	µg/L	GE	EPA8081A
0	4-Chloroaniline	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	4-Chloro-m-cresol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Chloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2-Chloronaphthalene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	2-Chlorophenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Chromium, total recoverable	<1.91	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Chrysene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Cyanide	<5.00	JU	LY	I	5.00	µg/L	GE	EPA9012A
0	Cyanide	<5.00	JU	LY	I	5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0404	U	Y		0.0404	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0404	U	Y		0.0404	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0404	U	Y		0.0404	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Dibenzofuran	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Di-n-butyl phthalate	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethylene	<2.00	U	Y		2.00	µg/L	GE	EPA8260B
0	Dichloromethane	<3.16	U	Y		5.00	µg/L	GE	EPA8260B
0	2,4-Dichlorophenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.500	JU	LY	O	0.500	µg/L	GE	EPA8151A
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dieldrin	<0.0404	U	Y		0.0404	µg/L	GE	EPA8081A
0	Diethyl phthalate	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<20.0	U	Y		20.0	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Diphenylamine	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0404	U	Y		0.0404	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0202	U	Y		0.0202	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0404	U	Y		0.0404	µg/L	GE	EPA8081A
0	Endrin	<0.0404	U	Y		0.0404	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0404	U	Y		0.0404	µg/L	GE	EPA8081A
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Fluorene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Heptachlor	<0.0202	U	Y		0.0202	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0202	U	Y		0.0202	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Hexachloroethane	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Indeno(1,2,3-c,d)pyrene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
1	Iron, total recoverable	245				50.0	µg/L	GE	EPA6010B
0	Isophorone	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0202	U	Y		0.0202	µg/L	GE	EPA8081A
0	Magnesium, total recoverable	164				20.0	µg/L	GE	EPA6010B

Well BRD 8D collected on 04/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Manganese, total recoverable	13.7				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Methoxychlor	<0.202		Y		0.202	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Methyl ethyl ketone	<5.00		Y		5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00		Y		5.00	µg/L	GE	EPA8260B
0	2-Methylnaphthalene	<1.00		Y		1.00	µg/L	GE	EPA8270C
0	Naphthalene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Nickel, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	987		Y		50.0	µg/L	GE	EPA300.0
0	Nitrate as nitrogen	982		Y		50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	o-Nitroaniline	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	p-Nitroaniline	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Nitrobenzene	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	2-Nitrophenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	4-Nitrophenol	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	PCB 1016	<0.100		Y		0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100		Y		0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100		Y		0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U	Y		0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100		Y		0.100	µg/L	GE	EPA8082
0	Pentachlorophenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Phenanthrene	<1.00		Y		1.00	µg/L	GE	EPA8270C
0	Phenol	<10.0	U	Y		10.0	µg/L	GE	EPA8270C
0	Potassium, total recoverable	292				100	µg/L	GE	EPA6010B
0	Pyrene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Selenium, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	5,070				100	µg/L	GE	EPA6010B
0	Styrene	0.170	J	IY		1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00		Y		1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<10.0				10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Total petroleum hydrocarbons	<2,000		Y		2,000	µg/L	GE	EPA418.1
0	Toxaphene	<1.01	U	Y		1.01	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.500	JU	LY	O	0.500	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00		Y		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	2,4,5-Trichlorophenol	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<10.0		Y		10.0	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Vinyl acetate	<5.00		Y		5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U	Y		3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	5.34				5.00	µg/L	GE	EPA6010B
0	Actinium-228	4.40E-09±8.62E-09	U			1.14E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	2.32E-09±1.08E-08				1.18E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	2.32E-09±1.08E-08	U			1.18E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-7.52E-10±4.46E-09				7.78E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	7.60E-10±4.05E-09	U			7.13E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	7.60E-10±4.05E-09				7.13E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	4.81E-09±1.16E-08	U			2.01E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-7.00E-09±1.14E-08				1.88E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-7.00E-09±1.14E-08	U			1.88E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-5.49E-10±1.70E-09				2.51E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	4.38E-10±1.38E-09	U			2.16E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	4.38E-10±1.38E-09				2.16E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	6.05E-10±1.67E-09	U			2.95E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-6.02E-10±1.68E-09				2.79E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-6.02E-10±1.68E-09	U			2.79E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.07E-09±1.47E-09				2.58E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	6.51E-10±1.43E-09	U			2.46E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	6.51E-10±1.43E-09				2.46E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.92E-09±1.46E-09	U			2.20E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.75E-10±1.52E-09				2.67E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.75E-10±1.52E-09	U			2.67E-09	µCi/mL	GP	EPIA-013
0	CS136	-1.64E-09±3.98E-09				6.81E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-2.74E-09±5.07E-09	U			8.13E-09	µCi/mL	GP	EPIA-013
0	Europium-152	1.21E-09±4.56E-09				8.08E-09	µCi/mL	GP	EPIA-013
0	Europium-152	1.21E-09±4.56E-09	U			8.08E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.32E-09±4.06E-09	U			6.86E-09	µCi/mL	GP	EPIA-013

Well BRD 8D collected on 04/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Europium-154	-2.05E-09±4.50E-09	U			7.57E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.05E-09±4.50E-09				7.57E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.22E-09±6.29E-09	U			1.07E-08	µCi/mL	GP	EPIA-013
0	Europium-155	6.73E-09±5.71E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
0	Europium-155	6.73E-09±5.71E-09				1.01E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.42E-09±7.58E-10	J	I		8.82E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	3.22E-11±3.16E-10	U			6.77E-10	µCi/mL	GP	EPIA-006
0	Iodine-129	-2.64E-10±6.61E-10	U			1.16E-09	µCi/mL	GP	EPIA-006
0	Lead-212	8.04E-10±3.70E-09				5.56E-09	µCi/mL	GP	EPIA-013
0	Lead-212	2.24E-09±4.95E-09	U			4.56E-09	µCi/mL	GP	EPIA-013
0	Lead-212	2.24E-09±4.95E-09				4.56E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	7.33E-10±1.54E-09	U			2.73E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-8.78E-10±1.71E-09				2.52E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-8.78E-10±1.71E-09	U			2.52E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	8.03E-10±6.65E-10	U			1.37E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.05E-08±2.15E-08	U			4.10E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	2.56E-08±4.09E-08	U			2.37E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	2.56E-08±4.09E-08				2.37E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	3.24E-10±1.48E-09	U			2.59E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	6.90E-10±1.38E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	6.90E-10±1.38E-09				2.45E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-3.20E-10±1.98E-09	U			3.45E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.37E-09±2.03E-09	U			3.37E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.37E-09±2.03E-09				3.37E-09	µCi/mL	GP	EPIA-013
2	Radium-226	2.17E-08±2.59E-09				8.53E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.43E-10±2.96E-10	U			5.82E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-5.06E-09±1.33E-08	U			2.25E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	6.40E-09±1.34E-08	U			2.38E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	6.40E-09±1.34E-08				2.38E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-8.35E-10±1.45E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-7.53E-10±1.61E-09	U			2.70E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-7.53E-10±1.61E-09				2.70E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.08E-10±3.64E-10	U			7.84E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	2.04E-10±3.90E-10	U			8.56E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	2.04E-10±3.90E-10				8.56E-10	µCi/mL	GP	EPIA-004
0	Tritium	4.23E-07±3.67E-07	U			6.08E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	1.75E-09±1.88E-09	U			3.46E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	2.38E-10±1.71E-09	U			3.21E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	2.38E-10±1.71E-09				3.21E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-9.93E-10±3.96E-09	U			5.96E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	5.67E-10±3.68E-09	U			5.77E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	5.67E-10±3.68E-09				5.77E-09	µCi/mL	GP	EPIA-013

WELL BRD 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
Depth to water: 35.77 ft (10.9 m) below TOC
Water elevation: Not available
pH: 5.8
Sp. conductance: 27 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 14 gal

Time: 14:20
Water temperature: 20.8°C
Air temperature: 29.5°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
0	Acenaphthene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Acenaphthylene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Aldrin	<0.0521	U			0.0521	µg/L	ML	EPA8081A
2	Aluminum, total recoverable	193				40.0	µg/L	ML	EPA6010B
0	Anthracene	<2.00	U			2.00	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	5.50	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	JU	L	O	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	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Benzo(b)fluoranthene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Benzo(k)fluoranthene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Benzo(g,h,i)perylene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Benzo(a)pyrene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B

Well BRD 8D collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bis(2-chloroethoxy) methane	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Bis(2-chloroethyl) ether	<1.80	U			1.80	µg/L	ML	EPA8270C
0	Bis(2-chloroisopropyl) ether	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoforn	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	4-Bromophenyl phenyl ether	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Butylbenzyl phthalate	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	511	U			120	µg/L	ML	EPA6010B
0	Carbazole	<10.0	U			10.0	µg/L	ML	EPA8270C
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	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	<10.0	U			10.0	µg/L	ML	EPA8270C
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	4-Chloro-m-cresol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Chloronaphthalene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2-Chlorophenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	4-Chlorophenyl phenyl ether	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Chrysene	<2.00	U			2.00	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	m/p-Cresol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	o-Cresol (2-Methylphenol)	<5.00	U			5.00	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	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Dibenzofuran	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Di-n-butyl phthalate	<2.00	U			2.00	µg/L	ML	EPA8270C
0	1,2-Dichlorobenzene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	1,3-Dichlorobenzene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	1,4-Dichlorobenzene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	U			20.0	µg/L	ML	EPA8270C
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	2,4-Dichlorophenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dieldrin	<0.0521	U			0.0521	µg/L	ML	EPA8081A
0	Diethyl phthalate	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2,4-Dimethyl phenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Dimethyl phthalate	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2,4-Dinitrophenol	<10.0	U			10.0	µg/L	ML	EPA8270C
0	2,4-Dinitrotoluene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2,6-Dinitrotoluene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Di-n-octyl phthalate	<2.00	U			2.00	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	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Fluoranthene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Fluorene	<2.00	U			2.00	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	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Hexachlorobutadiene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Hexachlorocyclopentadiene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Hexachloroethane	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B

Well BRD 8D collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Indeno(1,2,3-c,d)pyrene	<2.00	U			2.00	µg/L	ML	EPA8270C
1	Iron, total recoverable	155	U			40.0	µg/L	ML	EPA6010B
0	Isophorone	<2.00	U			2.00	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	124	J	I		185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	11.0	U			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	<10.0	U			10.0	µg/L	ML	EPA8270C
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	2-Methylnaphthalene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Naphthalene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate as nitrogen	955	U			50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<5.00	U			5.00	µg/L	ML	EPA8270C
0	o-Nitroaniline	<5.00	U			5.00	µg/L	ML	EPA8270C
0	p-Nitroaniline	<24.0	U			24.0	µg/L	ML	EPA8270C
0	Nitrobenzene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	2-Nitrophenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	4-Nitrophenol	<10.0	U			10.0	µg/L	ML	EPA8270C
0	N-Nitrosodiphenylamine	<2.00	U			2.00	µg/L	ML	EPA8270C
0	N-Nitrosodipropylamine	<5.00	U			5.00	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	<10.0	U			10.0	µg/L	ML	EPA8270C
0	Phenanthrene	<2.00	U			2.00	µg/L	ML	EPA8270C
0	Phenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Pyrene	<2.00	U			2.00	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	4,330	U			675	µg/L	ML	EPA6010B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Total petroleum hydrocarbons	<2,040	JU	L	C	2,040	µg/L	GE	EPA418.1
0	Toxaphene	<2.60	U			2.60	µg/L	ML	EPA8081A
0	2,4,5-TP (Silvex)	<0.200	JU	L	O	0.200	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<1.35	U			1.35	µg/L	ML	EPA8270C
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2,4,5-Trichlorophenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	2,4,6-Trichlorophenol	<5.00	U			5.00	µg/L	ML	EPA8270C
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Actinium-228	3.63E-10±8.70E-08	U			1.65E-07	µCi/mL	ML	EPIA-013
0	Antimony-125	2.46E-08±6.53E-08	U			1.13E-07	µCi/mL	ML	EPIA-013
0	Bismuth-212	1.34E-07±3.24E-07	U			5.68E-07	µCi/mL	ML	EPIA-013
0	Bismuth-214	9.71E-07±1.34E-07	U			7.00E-08	µCi/mL	ML	EPIA-013
0	Cesium-134	5.90E-07±2.62E-07	U			5.82E-08	µCi/mL	ML	EPIA-013
0	Cesium-137	1.30E-09±2.64E-08	U			4.84E-08	µCi/mL	ML	EPIA-013
0	Cobalt-60	1.86E-08±1.52E-08	J	I		8.41E-09	µCi/mL	ML	EPIA-013
0	Europium-152	4.50E-08±6.57E-08	U			7.86E-08	µCi/mL	ML	EPIA-013
0	Europium-154	7.32E-08±8.54E-08	U			5.18E-08	µCi/mL	ML	EPIA-013
0	Europium-155	4.01E-08±6.41E-08	U			8.87E-08	µCi/mL	ML	EPIA-013
0	Gross alpha	7.13E-09±3.03E-09	U			8.69E-09	µCi/mL	ML	EPIA

Well BRD 8D collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Strontium-90	1.17E-10±5.73E-10	U			1.30E-09	µCi/mL	GP	EPIA-004
0	Thallium-208	7.26E-09±2.10E-08	U			3.72E-08	µCi/mL	ML	EPIA-013
0	Tritium	1.83E-06±5.01E-07				5.99E-07	µCi/mL	ML	EPIA-002

WELL BRR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 78.74 ft (24 m) below TOC
 Water elevation: 212.96 ft (64.91 m) msl
 pH: 5
 Sp. conductance: 123 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 43 gal

Time: 12:20
 Water temperature: 21.7°C
 Air temperature: 31.1°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	129	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	Iron, total recoverable	72.1	J	IL	IX	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
1	Manganese, total recoverable	31.2				7.80	µg/L	WA	EPA6010B
2	Nitrate-nitrite as nitrogen	10.900				400	µg/L	WA	EPA353.2
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Total organic carbon	514	J	I		1,000	µg/L	WA	EPA9060
1	Gross alpha	1.49E-08±2.14E-09				1.38E-09	µCi/mL	TM	EPA900.0M
2	Gross alpha	1.61E-08±2.22E-09				1.38E-09	µCi/mL	TM	EPA900.0M
2	Tritium	1.65E-04±2.95E-06				6.70E-07	µCi/mL	TM	EPA906.0M
2	Tritium	1.47E-04±2.68E-06				6.20E-07	µCi/mL	TM	EPA906.0M

WELL BRR 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/00
 Depth to water: 82.56 ft (25.16 m) below TOC
 Water elevation: 212.04 ft (64.63 m) msl
 pH: 5.8
 Sp. conductance: 68 µS/cm
 Turbidity: 28 NTU
 Water evacuated from the well prior to sampling: 2 gal

Time: 13:58
 Water temperature: 21.1°C
 Air temperature: 32.2°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
2	Aluminum, total recoverable	148				146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	57.3	J	I		266	µg/L	WA	EPA6010B
2	Iron, total recoverable	1,100	J	L	IX	74.0	µg/L	WA	EPA6010B
1	Lead, total recoverable	48.9				47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	21.2				2.70	µg/L	WA	EPA6010B
1	Manganese, total recoverable	48.9				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Total organic carbon	511	J	I		1,000	µg/L	WA	EPA9060

WELL BRR 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/00
 Depth to water: 90.96 ft (27.72 m) below TOC
 Water elevation: 204.94 ft (62.47 m) msl
 pH: 5.4
 Sp. conductance: 68 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 19 gal

Time: 10:22
 Water temperature: 20.7°C
 Air temperature: 21.8°C
 Total alkalinity (as CaCO₃): 213 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

Well BRR 6D collected on 05/15/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	83.6	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	<11.5	JU	LV	IX	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	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Total organic carbon	273	J	I		1,000	µg/L	WA	EPA9060

WELL BRR 8DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/00
 Depth to water: 67.27 ft (20.5 m) below TOC
 Water elevation: 212.53 ft (64.78 m) msl
 pH: 4.8
 Sp. conductance: 39 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 28 gal

Time: 13:09
 Water temperature: 20.4°C
 Air temperature: 30.8°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	41.7	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	1.31				1.00	µg/L	WA	EPA8021B
0	Carbon tetrachloride	1.14				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	Iron, total recoverable	<16.3	JU	LV	IX	74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.830	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	U			1.00	µg/L	WA	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Total organic carbon	470	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	14.7	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 CBR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 52.96 ft (16.14 m) below TOC
 Water elevation: 247.64 ft (75.48 m) msl
 pH: 5.6
 Sp. conductance: 25 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 38 gal

Time: 8:55
 Water temperature: 21.5°C
 Air temperature: 21.4°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
1	Aluminum, total recoverable	38.9	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	<29.9	JU	LV	IX	74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.850	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	413	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B

WELL CBR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 53.8 ft (16.4 m) below TOC
 Water elevation: 247.1 ft (75.32 m) msl
 pH: 5.1
 Sp. conductance: 28 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 113 gal

Time: 8:00
 Water temperature: 19.8°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	50.2	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	64.3	J	IL	IX	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			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	Total organic carbon	233	J	I		1,000	µg/L	WA	EPA9060
0	Total organic carbon	299	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	12.6	J	I		120	µg/L	WA	EPA9020B

WELL CCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Depth to water: 54.22 ft (16.53 m) below TOC
 Water elevation: 216.18 ft (65.89 m) msl
 pH: 5.2
 Sp. conductance: 21 µS/cm
 Turbidity: 24 NTU
 Water evacuated from the well prior to sampling: 242 gal

Time: 14:05
 Water temperature: 21.3°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	166				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
2	Iron, total recoverable	358	J	L	IX	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.850	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	222	J	I		1,000	µg/L	WA	EPA9060

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 69.71 ft (21.25 m) below TOC
 Water elevation: 213.29 ft (65.01 m) msl
 pH: 5.4
 Sp. conductance: 15 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 242 gal

Time: 14:05
 Water temperature: 20.6°C
 Air temperature: 31.7°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	36.1	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	60.9	J	IL	IX	74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.430	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	407	J	I		1,000	µg/L	WA	EPA9060

WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/00
 Depth to water: 79.24 ft (24.15 m) below TOC
 Water elevation: 209.66 ft (63.91 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 23 gal

Time: 13:09
 Water temperature: Not available
 Air temperature: 31.4°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 8 mg/L
 Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	82.1	J	I		146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Boron, total recoverable	69.9	J	I		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	Iron, total recoverable	122	J	L	IX	74.0	µg/L	WA	EPA6010B
2	Lead, total recoverable	612				47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.770	J	I		2.70	µg/L	WA	EPA6010B
0	Manganese, total recoverable	20.3				7.80	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Tetrachloroethylene	2.43				1.00	µg/L	WA	EPA8021B
0	Total organic carbon	2.410				1,000	µg/L	WA	EPA9060
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Trichloroethylene	1.15				1.00	µg/L	WA	EPA8021B
0	Gross alpha	4.04E-09±1.01E-09				8.20E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	4.65E-09±1.09E-09				7.90E-10	µCi/mL	TM	EPA900.0M
0	Tritium	4.15E-06±3.47E-06	U			5.67E-06	µCi/mL	TM	EPA906.0M
0	Tritium	3.97E-06±3.94E-06	U			6.52E-06	µCi/mL	TM	EPA906.0M

WELL CDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/00
 Depth to water: 78.76 ft (24.01 m) below TOC
 Water elevation: 209.84 ft (63.96 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 27 gal

Time: 12:42
 Water temperature: Not available
 Air temperature: 32°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 3 mg/L
 Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	42.7	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
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Iron, total recoverable	106	J	L	IX	74.0	µg/L	WA	EPA6010B
2	Lead, total recoverable	184				47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.410	J	I		2.70	µg/L	WA	EPA6010B
0	Manganese, total recoverable	18.3				7.80	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 carbon	1,930				1,000	µg/L	WA	EPA9060
0	Total organic halogens	18.8	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
2	Tritium	2.05E-03±1.05E-04				5.84E-05	µCi/mL	TM	EPA906.0M
2	Tritium	1.74E-03±1.03E-04				6.50E-05	µCi/mL	TM	EPA906.0M

WELL CRP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 75.81 ft (23.11 m) below TOC
 Water elevation: 192.39 ft (58.64 m) msl
 pH: 5.8
 Sp. conductance: 23 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 29 gal

Time: 14:16
 Water temperature: 22.1°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	Acetone	<15.7	U		X8	10.0	µg/L	WA	EPA8260B
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	2.15	J	I	X	5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	1.95	J	I	X	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	8.54	U	V	X	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	4.28	J	I	X	10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	6.13	U	V	X	10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<3.94	JU		X8	10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<3.38	U		X8	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
1	Tetrachloroethylene	3.12	J	I	X	5.00	µg/L	WA	EPA8260B
2	Tetrachloroethylene	6.77	J	K	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.88	JU		X8	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	0.950	J	IK	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<10.0	U		X	10.0	µg/L	WA	EPA8260B

ESH-EMS-2000406

Well CRP 3C collected on 05/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
2	Tritium	5.12E-05±1.57E-06				5.70E-07	µCi/mL	TM	EPA906.0M
2	Tritium	5.06E-05±1.57E-06				5.70E-07	µCi/mL	TM	EPA906.0M
2	Tritium	1.69E-04±2.49E-06				4.64E-07	µCi/mL	ML	EPIA-002

WELL CRP 3C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 75.81 ft (23.11 m) below TOC
 Water elevation: 192.39 ft (58.64 m) msl
 pH: 5.8
 Sp. conductance: 23 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 29 gal

Time: 14:16
 Water temperature: 22.1°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	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
2	Tetrachloroethylene	6.55	J	K	O	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	0.940	J	IK	O	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
2	Tritium	6.03E-05±1.52E-06				4.72E-07	µCi/mL	ML	EPIA-002

WELL CRP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/00
 Depth to water: 75.69 ft (23.07 m) below TOC
 Water elevation: 192.51 ft (58.68 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 29 gal

Time: 10:56
 Water temperature: Not available
 Air temperature: 29.2°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 4 mg/L
 Field Qualifier(s): V

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

B-79

Second Quarter 2000

Well CRP 3C collected on 05/22/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
2	Tetrachloroethylene	6.58				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	1.51				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 CRP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 75.81 ft (23.11 m) below TOC
 Water elevation: 192.39 ft (58.64 m) msl
 pH: 6.2
 Sp. conductance: 25 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 193 gal

Time: 13:21
 Water temperature: 23.2°C
 Air temperature: 38.2°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	Acetone	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	5.93	J	KY	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well CRP 3C collected on 06/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

WELL CRP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/00
 Depth to water: 70.65 ft (21.53 m) below TOC
 Water elevation: 196.75 ft (59.97 m) msl
 pH: 5.2
 Sp. conductance: 50 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 11:00
 Water temperature: 23.1°C
 Air temperature: 29.1°C
 Total alkalinity (as CaCO₃): 5 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): VX

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
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
0	Tetrachloroethylene	<50.0	U			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	21,300	J	K	O	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 CRP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/00
 Depth to water: 64.44 ft (19.64 m) below TOC
 Water elevation: 202.96 ft (61.86 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:37
 Water temperature: Not available
 Air temperature: 32.6°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 9 mg/L
 Field Qualifier(s): VX

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

B-80

Second Quarter 2000

Well CRP 3D collected on 05/23/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
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
0	Tetrachloroethylene	<20.0	U			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	17,100				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 CRP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.8
 Sp. conductance: 60 µS/cm
 Turbidity: 14 NTU
 Water evacuated from the well prior to sampling: 137 gal

Time: 9:03
 Water temperature: 21.9°C
 Air temperature: 27.8°C
 Total alkalinity (as CaCO₃): 3 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): VX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<1,000	U	Y		1,000	µg/L	ML	EPA8260B
0	Benzene	<100	U	Y		100	µg/L	ML	EPA8260B
0	Bromodichloromethane	<100	U	Y		100	µg/L	ML	EPA8260B
0	Bromoform	<100	U	Y		100	µg/L	ML	EPA8260B
0	Bromomethane	<100	U	Y		100	µg/L	ML	EPA8260B
0	Carbon disulfide	<500	U	Y		500	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<100	U	Y		100	µg/L	ML	EPA8260B
0	Chlorobenzene	<100	U	Y		100	µg/L	ML	EPA8260B
0	Chloroethane	<100	U	Y		100	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<100	U	Y		100	µg/L	ML	EPA8260B
0	Chloroform	<100	U	Y		100	µg/L	ML	EPA8260B
0	Chloromethane	<100	U	Y		100	µg/L	ML	EPA8260B
0	Dibromochloromethane	<100	U	Y		100	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<100	U	Y		100	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<100	U	Y		100	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<100	U	Y		100	µg/L	ML	EPA8260B
2	1,2-Dichloroethylene	600		Y		100	µg/L	ML	EPA8260B
0	Dichloromethane	<1,000	U	Y		1,000	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<100	U	Y		100	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<100	U	Y		100	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<100	U	Y		100	µg/L	ML	EPA8260B
0	Ethylbenzene	<100	U	Y		100	µg/L	ML	EPA8260B
0	2-Hexanone	<500	U	Y		500	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<500	U	Y		500	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<500	U	Y		500	µg/L	ML	EPA8260B
0	Styrene	<100	U	Y		100	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<100	U	Y		100	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<100	U	Y		100	µg/L	ML	EPA8260B
0	Toluene	<100	U	Y		100	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<100	U	Y		100	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<100	U	Y		100	µg/L	ML	EPA8260B
2	Trichloroethylene	36,200	J	KY	I	100	µg/L	ML	EPA8260B
0	Vinyl acetate	<500	U	Y		500	µg/L	ML	EPA8260B

ESH-EMS-2000406

WELL CRP 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 65.35 ft (19.92 m) below TOC
 Water elevation: 202.15 ft (61.62 m) msl
 pH: 5.3
 Sp. conductance: 17 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 4 gal

Time: 11:34
 Water temperature: 21.2°C
 Air temperature: 26.9°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	<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
2	Trichloroethylene	203	J	K	O	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 CRP 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/00
 Depth to water: 65.43 ft (19.94 m) below TOC
 Water elevation: 202.07 ft (61.59 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 17 gal

Time: 9:18
 Water temperature: Not available
 Air temperature: 23°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	<6.56	U	V		10.0	µg/L	WA	EPA8260B
0	Acetone	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Bromomethane	<2.28	U	V		10.0	µg/L	WA	EPA8260B
0	Bromomethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B

B-81

Second Quarter 2000

Well CRP 10D collected on 05/22/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chlorobenzene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Chloroform	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Chloromethane	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	7.56	JU			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Dichloromethane	<8.47	JU	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.42	JU	V	O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Styrene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Toluene	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<2.00	JU		O	2.00	µg/L	ML	EPA8260B
2	Trichloroethylene	413	J	L	X	5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	515	J		X	25.0	µg/L	WA	EPA8260B
2	Trichloroethylene	581	J		O	2.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Xylenes	<2.00	JU		O	2.00	µg/L	ML	EPA8260B

WELL CRP 10D Replicate**MEASUREMENTS CONDUCTED IN THE FIELD**

Sample date: 05/22/00
 Depth to water: 65.43 ft (19.94 m) below TOC
 Water elevation: 202.07 ft (61.59 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 17 gal

Time: 9:18
 Water temperature: Not available
 Air temperature: 23°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	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Benzene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromoform	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromomethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well CRP 10D R collected on 05/22/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chlorobenzene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroform	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloromethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Dichloromethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Styrene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Toluene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
2	Trichloroethylene	580	J	L	O	2.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Xylenes	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B

WELL CRP 10D**MEASUREMENTS CONDUCTED IN THE FIELD**

Sample date: 06/20/00
 Depth to water: 65.55 ft (19.98 m) below TOC
 Water elevation: 201.95 ft (61.56 m) msl
 pH: 5.6
 Sp. conductance: 28 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 17 gal

Time: 14:25
 Water temperature: 22°C
 Air temperature: 31°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	Y		20.0	µg/L	ML	EPA8260B
0	Benzene	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Bromoform	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Bromomethane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Chloroethane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Chloroform	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Chloromethane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	8.98	J	KY	O	2.00	µg/L	ML	EPA8260B
0	Dichloromethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Styrene	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	Toluene	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<2.00	U	Y		2.00	µg/L	ML	EPA8260B
2	Trichloroethylene	843	J	KY	O	2.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Xylenes	<2.00	U	Y		2.00	µg/L	ML	EPA8260B

B-82

Second Quarter 2000

WELL CRP 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 69.42 ft (21.16 m) below TOC
 Water elevation: 202.18 ft (61.63 m) msl
 pH: 3.8
 Sp. conductance: 43 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 9:58
 Water temperature: 21.6°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	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
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
0	Tetrachloroethylene	<50.0	U			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	5.250	J	K	O	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
0	Tritium	9.66E-06±6.77E-07				4.70E-07	µCi/mL	ML	EPIA-002

WELL CRP 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/00
 Depth to water: 69.31 ft (21.13 m) below TOC
 Water elevation: 202.29 ft (61.66 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 5 gal

Time: 15:21
 Water temperature: Not available
 Air temperature: 34.3°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 2 mg/L
 Field Qualifier(s): V

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

Well CRP 11D collected on 05/22/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
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
0	Tetrachloroethylene	<20.0	U			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	4.960				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 CRP 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 69.74 ft (21.26 m) below TOC
 Water elevation: 201.86 ft (61.53 m) msl
 pH: 5.5
 Sp. conductance: 44 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 8 gal

Time: 9:45
 Water temperature: 25.2°C
 Air temperature: 36.1°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	Acetone	<200	U	Y		200	µg/L	ML	EPA8260B
0	Benzene	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	U	Y		100	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	17.2	J	IY		20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	U	Y		200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	2-Hexanone	<100	U	Y		100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	U	Y		100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	U	Y		100	µg/L	ML	EPA8260B
0	Styrene	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	U	Y		20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	4.910		Y		20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	U	Y		100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	U	Y		20.0	µg/L	ML	EPA8260B

WELL CRP 16DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: 67.97 ft (20.72 m) below TOC
 Water elevation: Not available
 pH: 5.2
 Sp. conductance: 52 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 7 gal

Time: 9:01
 Water temperature: 20.4°C
 Air temperature: 19.2°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
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	0.610	J	IK	O	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
2	Tetrachloroethylene	6.35	J	K	O	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	2.13	J	K	O	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 CRP 16DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 Depth to water: 68.15 ft (20.77 m) below TOC
 Water elevation: Not available
 pH: 6
 Sp. conductance: 49 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 7 gal

Time: 13:33
 Water temperature: 23.4°C
 Air temperature: 31.5°C
 Total alkalinity (as CaCO₃): 8 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	0.640	J	IL	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well CRP 16DL collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
1	Tetrachloroethylene	4.49	J	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	1.50	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL CRP 16DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 67.97 ft (20.72 m) below TOC
 Water elevation: Not available
 pH: 6.1
 Sp. conductance: 43 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 8 gal

Time: 10:09
 Water temperature: 22.3°C
 Air temperature: 27.5°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	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroform	0.700	J	IKY	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
1	Tetrachloroethylene	4.11	J	KY	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	1.55	J	KY	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

B-84

Second Quarter 2000

WELL CRP 16DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: 67.85 ft (20.68 m) below TOC
 Water elevation: Not available
 pH: 5.5
 Sp. conductance: 27 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 51 gal

Time: 10:53
 Water temperature: 20.9°C
 Air temperature: 19.5°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	<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
2	Trichloroethylene	253	J	K	O	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 CRP 16DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 Depth to water: 68.08 ft (20.75 m) below TOC
 Water elevation: Not available
 pH: 5.6
 Sp. conductance: 22 µS/cm
 Turbidity: 8 NTU
 Water evacuated from the well prior to sampling: 6 gal

Time: 12:41
 Water temperature: 23.1°C
 Air temperature: 27.6°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	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well CRP 16DU collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	2.75	J	IL	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	129	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL CRP 16DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 67.85 ft (20.68 m) below TOC
 Water elevation: Not available
 pH: 5.9
 Sp. conductance: 22 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 8 gal

Time: 10:23
 Water temperature: 24.5°C
 Air temperature: 28.7°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	Acetone	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	3.02	J	KY	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	109	J	KY	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

B-85

Second Quarter 2000

WELL CRP 17DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: 63.75 ft (19.43 m) below TOC
 Water elevation: Not available
 pH: 5.3
 Sp. conductance: 33 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 7 gal

Time: 11:34
 Water temperature: 21.8°C
 Air temperature: 30.7°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	<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	0.700	J	IK	O	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
2	Tetrachloroethylene	7.65	J	K	O	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
1	Trichloroethylene	3.47	J	K	O	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 CRP 17DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 Depth to water: 63.93 ft (19.49 m) below TOC
 Water elevation: Not available
 pH: 5.2
 Sp. conductance: 33 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 9 gal

Time: 11:51
 Water temperature: 22°C
 Air temperature: 29.2°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	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	0.710	J	IL	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well CRP 17DL collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	6.51	J	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	6.40	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL CRP 17DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 63.75 ft (19.43 m) below TOC
 Water elevation: Not available
 pH: 6.2
 Sp. conductance: 32 µS/cm
 Turbidity: 11 NTU
 Water evacuated from the well prior to sampling: 8 gal

Time: 11:06
 Water temperature: 22.9°C
 Air temperature: 38.5°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	Acetone	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroform	0.640	J	IY		1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	0.650	J	IY		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	5.54	U	Y		1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
1	Trichloroethylene	4.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

B-86

Second Quarter 2000

WELL CRP 17DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/00
 Depth to water: 63.45 ft (19.34 m) below TOC
 Water elevation: Not available
 pH: 6.2
 Sp. conductance: 93 µS/cm
 Turbidity: 153 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 9:50
 Water temperature: 23.2°C
 Air temperature: 31.4°C
 Total alkalinity (as CaCO₃): 18 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): VX

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
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
0	Tetrachloroethylene	<20.0	U			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	5.450	J	K	O	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 CRP 17DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 Depth to water: 63.67 ft (19.41 m) below TOC
 Water elevation: Not available
 pH: 6.4
 Sp. conductance: 77 µS/cm
 Turbidity: 93 NTU
 Water evacuated from the well prior to sampling: 2 gal

Time: 14:07
 Water temperature: 23.3°C
 Air temperature: 33.7°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
0	Acetone	<200	JU	L	O	200	µg/L	ML	EPA8260B
0	Benzene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well CRP 17DU collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	JU	L	O	200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	2-Hexanone	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Styrene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	3.420	J	L	O	20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B

WELL CSD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/00
 Depth to water: 73.3 ft (22.34 m) below TOC
 Water elevation: 242.1 ft (73.79 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: 9:31
 Water temperature: Not available
 Air temperature: 28.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 1 mg/L
 Field Qualifier(s): B

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	125	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	110				74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	10.2				2.70	µg/L	WA	EPA6010B
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Total organic carbon	4.780	J	Q		1,000	µg/L	WA	EPA9060
0	Total organic carbon	4.250	J	Q		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

WELL DBP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 20.47 ft (6.24 m) below TOC
 Water elevation: 114.73 ft (34.97 m) msl
 pH: 5
 Sp. conductance: 55 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 72 gal

Time: 11:37
 Water temperature: 18.1°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	Octachlorodibenzo-p-dioxin	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Octachlorodibenzo-p-dioxin	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Aluminum, total recoverable	392				146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU	Q		10.0	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	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B

B-87

Second Quarter 2000

Well DBP 1 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzo(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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	JU	Q		10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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	4-Chloroaniline	<10.0	JU	Q		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	JU	Q		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	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	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chromium, total recoverable	27.4				7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diallate	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU			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	Dibromochloromethane	<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	1,2-Dichlorobenzene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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
1	Dichloromethane	4.88	J	IK	O	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	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Endrin	<0.101	U			0.101	µg/L	WA	EPA8081A

Well DBP 1 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethyl methacrylate	<10.0	JU	Q		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	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<100	JU	Q		100	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Iron, total recoverable	2,500				74.0	µg/L	WA	EPA6010B
0	Isophorone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Manganese, total recoverable	21.3				7.80	µg/L	WA	EPA6010B
0	Methapyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	JU	Q		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	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	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	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	PCB 1260	<1.01	JU	Q		1.01	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Picoline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,1,2,2-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	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	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<10.0	JU	Q		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
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	1,3,5-Trinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Radium, total alpha-emitting	2.24E-09±1.24E-09	J	I		1.59E-09	µCi/mL	TM	EPA903.0M
0	Radium, total alpha-emitting	6.40E-10±8.00E-10	J	I		1.43E-09	µCi/mL	TM	EPA903.0M
0	Tritium	1.14E-06±3.80E-07	J	I		5.40E-07	µCi/mL	TM	EPA906.0M
0	Tritium	1.27E-06±3.90E-07	J	I		5.40E-07	µCi/mL	TM	EPA906.0M

WELL DBP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 13.38 ft (4.08 m) below TOC
 Water elevation: 112.92 ft (34.42 m) msl
 pH: 4.5
 Sp. conductance: 151 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 52 gal

Time: 13:39
 Water temperature: 20.8°C
 Air temperature: 22.8°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

Well DBP 2 collected on 04/26/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Octachlorodibenzo-p-dioxin	<1.60	U		1.60	ng/L	WA	EPA8280A	0 3,3'-Dimethylbenzidine <10.0
0	Acenaphthene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 a,a-Dimethylphenethylamine <10.0
0	Acenaphthylene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 1,3-Dinitrobenzene <10.0
0	Acetophenone	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 2,4-Dinitrotoluene <10.0
2	2-Acetylaminofluorene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 2,6-Dinitrotoluene <10.0
2	Aluminum, total recoverable	1,550			146	µg/L	WA	EPA6010B	0 Di-n-octyl phthalate <10.0
2	Aluminum, total recoverable	4,180			146	µg/L	WA	EPA6010B	0 1,4-Dioxane <10.0
0	4-Aminobiphenyl	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Diphenylamine <10.0
0	Aniline	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Endrin <0.101
0	Anthracene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Ethyl methacrylate <10.0
0	Aramite	<20.0	JU	Q	20.0	µg/L	WA	EPA8270C	0 Ethyl methanesulfonate <10.0
0	Arsenic, total recoverable	<40.0	U		40.0	µg/L	WA	EPA6010B	0 Ethylbenzene <5.00
0	Benzene	<5.00	U		5.00	µg/L	WA	EPA8260B	0 Fluoranthene <10.0
0	Benzo(a)anthracene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Fluorene <10.0
0	Benzo(b)fluoranthene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Hexachlorobenzene <10.0
0	Benzo(k)fluoranthene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Hexachlorobutadiene <10.0
0	Benzo(g,h,i)perylene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Hexachlorocyclopentadiene <10.0
0	Benzo(a)pyrene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Hexachloroethane <10.0
0	Benzyl alcohol	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Hexachlorophene <100
0	Bis(2-chloroethoxy) methane	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Hexachloropropene <10.0
0	Bis(2-chloroethyl) ether	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Indeno(1,2,3-c,d)pyrene <10.0
0	Bis(2-chloroisopropyl) ether	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	2 Iron, total recoverable 6,240
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	2 Iron, total recoverable 27,500
0	Boron, total recoverable	44.9	J	I	266	µg/L	WA	EPA6010B	0 Isophorone <10.0
0	Bromodichloromethane	<5.00	U		5.00	µg/L	WA	EPA8260B	0 Isosafrole <10.0
0	Bromoform	<5.00	U		5.00	µg/L	WA	EPA8260B	0 Lithium, total recoverable 0.840
0	Bromomethane	<10.0	U		10.0	µg/L	WA	EPA8260B	2 Manganese, total recoverable 260
0	4-Bromophenyl phenyl ether	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Methapyrene <10.0
0	Butylbenzyl phthalate	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Methyl methacrylate <10.0
0	Cadmium, total recoverable	<4.70	U		4.70	µg/L	WA	EPA6010B	0 Methyl methanesulfonate <10.0
0	Carbon tetrachloride	<5.00	U		5.00	µg/L	WA	EPA8260B	0 3-Methylcholanthrene <10.0
0	4-Chloroaniline	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 2-Methylnaphthalene <10.0
0	Chlorobenzene	<5.00	U		5.00	µg/L	WA	EPA8260B	0 Naphthalene <10.0
0	Chlorobenzilate	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 1,4-Naphthoquinone <10.0
0	Chloroethane	<10.0	U		10.0	µg/L	WA	EPA8260B	0 1-Naphthylamine <10.0
0	Chloroethene (Vinyl chloride)	<10.0	U		10.0	µg/L	WA	EPA8260B	0 2-Naphthylamine <10.0
0	2-Chloroethyl vinyl ether	<10.0	U		10.0	µg/L	WA	EPA8260B	0 m-Nitroaniline <25.0
0	Chloroform	<5.00	U		5.00	µg/L	WA	EPA8260B	0 o-Nitroaniline <25.0
0	Chloromethane	<10.0	U		10.0	µg/L	WA	EPA8260B	0 p-Nitroaniline <25.0
0	2-Chloronaphthalene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Nitrobenzene <10.0
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 4-Nitroquinoline-1-oxide <20.0
0	Chromium, total recoverable	24.4			7.00	µg/L	WA	EPA6010B	0 N-Nitrosodi-n-butylamine <10.0
0	Chrysene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 N-Nitrosodiethylamine <10.0
0	Diallate	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 N-Nitrosodimethylamine <10.0
0	Dibenz(a,h)anthracene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 N-Nitrosodiphenylamine <10.0
0	Dibenzofuran	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 N-Nitrosodipropylamine <10.0
0	Dibromochloromethane	<5.00	U		5.00	µg/L	WA	EPA8260B	0 N-Nitrosomethylethylamine <10.0
0	Di-n-butyl phthalate	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 N-Nitrosomorpholine <10.0
0	1,2-Dichlorobenzene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 N-Nitrosopiperidine <50.0
0	1,3-Dichlorobenzene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 N-Nitrosopyrrolidine <10.0
0	1,4-Dichlorobenzene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 5-Nitro-o-toluidine <10.0
0	3,3'-Dichlorobenzidine	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 PCB 1260 <1.01
0	1,1-Dichloroethane	<5.00	U		5.00	µg/L	WA	EPA8260B	0 Pentachlorobenzene <10.0
0	1,2-Dichloroethane	<5.00	U		5.00	µg/L	WA	EPA8260B	0 Pentachloroethane <10.0
0	1,1-Dichloroethylene	<5.00	U		5.00	µg/L	WA	EPA8260B	0 Pentachloronitrobenzene <50.0
0	trans-1,2-Dichloroethylene	<5.00	U		5.00	µg/L	WA	EPA8260B	0 Phenacetin <10.0
0	Dichloromethane	<5.00	U		5.00	µg/L	WA	EPA8260B	0 Phenanthrene <10.0
0	1,2-Dichloropropane	<5.00	U		5.00	µg/L	WA	EPA8260B	0 p-Phenylenediamine <10.0
0	cis-1,3-Dichloropropene	<5.00	U		5.00	µg/L	WA	EPA8260B	0 2-Picoline <10.0
0	trans-1,3-Dichloropropene	<5.00	U		5.00	µg/L	WA	EPA8260B	0 Pronamid <10.0
0	Diethyl phthalate	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Pyrene <10.0
0	Dimethyl phthalate	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Pyridine <10.0
0	p-Dimethylaminoazobenzene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Safrole <10.0
0	7,12-Dimethylbenz(a)anthracene	<10.0	JU	Q	10.0	µg/L	WA	EPA8270C	0 Selenium, total recoverable <66.0
									0 1,2,4,5-Tetrachlorobenzene <10.0
									0 1,1,2,2-Tetrachloroethane <5.00
									0 Tetrachloroethylene <5.00
									0 Toluene <5.00
									0 o-Toluidine <10.0
									0 Total organic carbon 1,400
									1 Total organic halogens 56.3
									0 Total organic halogens 47.5
									0 1,2,4-Trichlorobenzene <10.0
									0 1,1,1-Trichloroethane <5.00
									0 1,1,2-Trichloroethane <5.00
									0 Trichloroethylene <5.00
									0 Trichlorofluoromethane <5.00

Well DBP 2 collected on 04/26/00 (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	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Radium, total alpha-emitting	1.15E-09±6.70E-10	J	I		7.70E-10	µCi/mL	TM	EPA903.0M
0	Tritium	9.20E-07±3.60E-07	J	I		5.30E-07	µCi/mL	TM	EPA906.0M

WELL DBP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 12.72 ft (3.88 m) below TOC
 Water elevation: 115.58 ft (35.23 m) msl
 pH: 5.6
 Sp. conductance: 57 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 91 gal

Time: 10:13
 Water temperature: 16.7°C
 Air temperature: 15.9°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	Octachlorodibenzo-p-dioxin	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Acenaphthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetophenone	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Aluminum, total recoverable	147				50.0	µg/L	GE	EPA6010B
2	Aluminum, total recoverable	78.7	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	68.4	J	I		146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	U			10.0	µg/L	GE	EPA8270C
0	4-Aminobiphenyl	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aramite	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Aramite	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
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	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzo(a)anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzy alcohol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Benzy alcohol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroethoxy) methane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	µg/L	GE	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	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	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	<1.00	U			1.00	µg/L	GE	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	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B

Well DBP 3 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	GE	EPA8270C
0	4-Bromophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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	<1.00	U			1.00	µg/L	GE	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	4-Chloroaniline	<10.0	U			10.0	µg/L	GE	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	<1.00	U			1.00	µg/L	GE	EPA8260B
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	GE	EPA8270C
0	Chlorobenzilate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	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)	<1.00	U			1.00	µg/L	GE	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	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	<5.00	U			5.00	µg/L	GE	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	<1.00	U			1.00	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	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<10.0	U			10.0	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	GE	EPA8270C
0	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chromium, total recoverable	<1.74	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	1.10	J	I		7.00	µg/L	WA	EPA6010B
0	Chrysene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Chrysene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diallate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Diallate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	GE	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	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	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	1,1-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	<1.00	U			1.00	µg/L	GE	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	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

Well DBP 3 collected on 04/26/00 (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	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	<1.00	U			1.00	µg/L	GE	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	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Dichloromethane	5.04	U	K	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	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	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	<1.00	U			1.00	µg/L	GE	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	<1.00	U			1.00	µg/L	GE	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	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Diethyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Diethyl phthalate	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Dimethoate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<20.0	U			20.0	µg/L	GE	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	a,a-Dimethylphenethylamine	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,3-Dinitrobenzene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,4-Dioxane	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Diphenylamine	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Disulfoton	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Endrin	<0.0400	U			0.0400	µg/L	GE	EPA8081A
0	Endrin	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Ethyl methacrylate	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Ethyl methanesulfonate	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Famphur	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Fluoranthene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Fluorene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Fluorene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachlorobenzene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachloroethane	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<500	U			500	µg/L	GE	EPA8270C
0	Hexachlorophene	<100	U	Q		100	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachloropropene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C

Well DBP 3 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Iron, total recoverable	539				50.0	µg/L	GE	EPA6010B
1	Iron, total recoverable	240				74.0	µg/L	WA	EPA6010B
1	Iron, total recoverable	252				74.0	µg/L	WA	EPA6010B
0	Isodrin	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Isophorone	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Isophorone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Isosafrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Kepone	<10.0	U			10.0	µg/L	GE	EPA8270C
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	9.64	J	I		10.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	21.7				7.80	µg/L	WA	EPA6010B
0	Methapyrilene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Methapyrilene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Naphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,4-Naphthoquinone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Nitrate-nitrite as nitrogen	1,360	J	Q		100	µg/L	WA	EPA353.2
0	m-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	m-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	o-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	p-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<10.0	U			10.0	µg/L	GE	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosodiethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	OCDD	<0.0100	U			0.0100	µg/L	GE	EPA8280A
0	OCDD	<0.0100	U			0.0100	µg/L	GE	EPA8280A
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Pentachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Pentachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Phenacetin	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<20.0	U			20.0	µg/L	GE	EPA8270C
0	p-Phenylenediamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Picoline	<10.0	U			10.0	µg/L	GE	EPA8270C

Well DBP 3 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Picoline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Pronamid	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Pyridine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	U			10.0	µg/L	GE	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	Sulfotep	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	1,1,2,2-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	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	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Thionazin	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	1.00	J	IK	O	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	GE	EPA8270C
0	o-Toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Total organic carbon	<721	U			1,000	µg/L	WA	EPA9060
0	Total organic halogens	36.6	J	I		120	µg/L	WA	EPA9020B
0	1,2,4-Trichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,2,4-Trichlorobenzene	<10.0	JU	Q		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	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-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	<1.00	U			1.00	µg/L	GE	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	WA	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	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	WA	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	O,O,O-Triethyl phosphorothioate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,3,5-Trinitrobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,3,5-Trinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Radium, total alpha-emitting	1.70E-10±3.80E-10	U			8.00E-10	µCi/mL	TM	EPA903.0M
0	Tritium	4.43E-07±3.16E-07	U			5.20E-07	µCi/mL	GP	EPIA-002
0	Tritium	5.10E-07±3.40E-07	U			5.50E-07	µCi/mL	TM	EPA906.0M

WELL DBP 3 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 12.72 ft (3.88 m) below TOC
 Water elevation: 115.58 ft (35.23 m) msl
 pH: 5.6
 Sp. conductance: 57 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 91 gal

Time: 10:13
 Water temperature: 16.7°C
 Air temperature: 15.9°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	Octachlorodibenzo-p-dioxin	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C

ESH-EMS-2000406

Well DBP 3 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	122	J	I		146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU			10.0	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	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzo(a)anthracene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU			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	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Bis(2-chloroethoxy) methane	<10.0	JU			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	JU			10.0	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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	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	JU			10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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	4-Chloroaniline	<10.0	JU	Q		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	JU	Q		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	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	2-Chloronaphthalene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chromium, total recoverable	2.90	J	I		7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Diallate	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU			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	Dibromochloromethane	<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	1,2-Dichlorobenzene	<10.0	JU			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	JU			10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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
1	Dichloromethane	4.84	J	IK	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.89	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	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU			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	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dimethylbenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C

B-92

Second Quarter 2000

Well DBP 3 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	a,a-Dimethylphenethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q		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	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Endrin	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Ethylbenzene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<100	JU	Q		100	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Iron, total recoverable	502				74.0	µg/L	WA	EPA6010B
0	Isophorone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	Manganese, total recoverable	30.4				7.80	µg/L	WA	EPA6010B
0	Methapyrilene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	JU	Q		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	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	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	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	PCB 1260	<1.02	JU	Q		1.02	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Picoline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,1,2,2-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	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	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<10.0	JU	Q		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
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

ESH-EMS-2000406

Well DBP 3 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,3,5-Trinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Radium, total alpha-emitting	8.10E-10±6.00E-10	U			8.70E-10	µCi/mL	TM	EPA903.0M
0	Tritium	4.50E-07±3.40E-07	U			5.50E-07	µCi/mL	TM	EPA906.0M

WELL DBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
Depth to water: 12.7 ft (3.87 m) below TOC
Water elevation: 113.5 ft (34.6 m) msl
pH: 4.8
Sp. conductance: 91 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 63 gal

Time: 9:13
Water temperature: 17°C
Air temperature: 14.1°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	Octachlorodibenzo-p-dioxin	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Aluminum, total recoverable	386				146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU	Q		10.0	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	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzo(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU	Q		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	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU	Q		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	<10.0	JU	Q		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	<10.0	JU	Q		10.0	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	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
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	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	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	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chromium, total recoverable	2.70	J	I		7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diallate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU	Q		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	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	JU	Q		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	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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

B-93

Second Quarter 2000

Well DBP 4 collected on 04/26/00 (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	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU	Q		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	JU	Q		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	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q		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	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Endrin	<0.102	U			0.102	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	JU	Q		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	Fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<100	JU	Q		100	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
1	Iron, total recoverable	169				74.0	µg/L	WA	EPA6010B
0	Isophorone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Manganese, total recoverable	384				7.80	µg/L	WA	EPA6010B
0	Methapyrilene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	JU	Q		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	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	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	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	PCB 1260	<1.02	JU	Q		1.02	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Picoline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,1,2,2-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	o-Toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<10.0	JU	Q		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

ESH-EMS-2000406

Well DBP 4 collected on 04/26/00 (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	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Radium, total alpha-emitting	2.05E-09±8.70E-10	J	I		7.30E-10	µCi/mL	TM	EPA903.0M
0	Tritium	5.60E-07±3.40E-07	J	I		5.30E-07	µCi/mL	TM	EPA906.0M

WELL DBP 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 20.28 ft (6.18 m) below TOC
 Water elevation: 114.32 ft (34.85 m) msl
 pH: 4.8
 Sp. conductance: 43 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 36 gal

Time: 12:11
 Water temperature: 18.2°C
 Air temperature: 21.5°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	Octachlorodibenzo-p-dioxin	<1.60	U			1.60	ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Acetophenone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
2	Aluminum, total recoverable	50.3	J	I		146	µg/L	WA	EPA6010B
1	Aluminum, total recoverable	48.1	J	I		146	µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU	Q		10.0	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	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzo(a)anthracene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU	Q		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	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU	Q		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	<10.0	JU	Q		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	<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
0	4-Bromophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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	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	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	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	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Chromium, total recoverable	<0.870	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diallate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU	Q		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	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.0	JU	Q		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	JU	Q		10.0	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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	4.75	J	IK	O	5.00	µg/L	WA	EPA8260B

B-94

Well DBP 5 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	p-Dimethylaminoazobenzene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	7,12-Dimethylbenz(a)anthracene	<10.0	JU	Q	Q	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	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Endrin	<0.104	U			0.104	µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	JU	Q		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	Fluoranthene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Fluorene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Hexachlorobenzene	<10.0	JU			10.0	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Hexachlorophene	<100	JU	Q	Q	100	µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	JU	Q	Q	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	Iron, total recoverable	7.80	J			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Isophorone	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Isosafrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
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	3.00	J			7.80	µg/L	WA	EPA6010B
0	Methapyrilene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	1,4-Naphthoquinone	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	1-Naphthylamine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<25.0	JU	Q	Q	25.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<25.0	JU	Q	Q	25.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<25.0	JU	Q	Q	25.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	4-Nitroquinoline-1-oxide	<20.0	JU	Q	Q	20.0	µg/L	WA	EPA8270C
0	N-Nitrosodi-n-butylamine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q	Q	50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	PCB 1260	<1.04	JU	Q		1.04	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q	Q	50.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	2-Picoline	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Pyrene	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	JU	Q	Q	10.0	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	1,2,4,5-Tetrachlorobenzene	<10.0	U	Q		10.0	µg/L	WA	EPA8270C
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	o-Toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C

Well DBP 5 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total organic carbon	<767	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	31.9	J	I		120	µg/L	WA	EPA9020B
0	1,2,4-Trichlorobenzene	<10.0	JU	Q		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	1,3,5-Trinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Radium, total alpha-emitting	2.58E-09±9.20E-10				6.70E-10	µCi/mL	TM	EPA903.0M
0	Tritium	1.95E-06±4.30E-07				5.50E-07	µCi/mL	TM	EPA906.0M

WELL DOB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/00
 Depth to water: 14.85 ft (4.53 m) below TOC
 Water elevation: 139.25 ft (42.44 m) msl
 pH: 5.3
 Sp. conductance: 47 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 4 gal

Time: 12:03
 Water temperature: 21.4°C
 Air temperature: 36.4°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	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

WELL DOB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 11.98 ft (3.65 m) below TOC
 Water elevation: 138.62 ft (42.25 m) msl
 pH: 4.9
 Sp. conductance: 293 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 10 gal

Time: 14:34
 Water temperature: 19.9°C
 Air temperature: 30.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

Well DOB 15 collected on 06/21/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	0.470	J	I		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
2	Chloroethene (Vinyl chloride)	20.8				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
1	cis-1,2-Dichloroethylene	57.7				1.00	µg/L	ML	EPA8260B
0	trans-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
2	Tetrachloroethylene	10.0				1.00	µg/L	ML	EPA8260B
0	Toluene	0.370	J	I		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	25.3				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 DOB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 11.04 ft (3.37 m) below TOC
 Water elevation: Not available
 pH: 4.4
 Sp. conductance: 180 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 33 gal

Time: 12:47
 Water temperature: 19°C
 Air temperature: 28.8°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	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	0.520	J	I		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
2	Chloroethene (Vinyl chloride)	12.5				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
1	cis-1,2-Dichloroethylene	58.5				1.00	µg/L	ML	EPA8260B
0	trans-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

ESH-EMS-2000406

Well DOB 15A collected on 06/21/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
2	Tetrachloroethylene	5.58				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	17.0				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 DOB 15PZ

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 16.85 ft (5.14 m) below TOC
 Water elevation: Not available
 pH: 5.9
 Sp. conductance: 56 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 31 gal

Time: 16:04
 Water temperature: 20.6°C
 Air temperature: 31°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	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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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	0.640	J	I		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

WELL DOB 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 9.1 ft (2.77 m) below TOC
 Water elevation: Not available
 pH: 7.3
 Sp. conductance: 287 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 22 gal

Time: 12:04
 Water temperature: 20.4°C
 Air temperature: 30.4°C
 Total alkalinity (as CaCO₃): 81 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

B-96

Second Quarter 2000

Well DOB 19 collected on 06/19/00 (cont.)

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
2	Chloroethene (Vinyl chloride)	2.71	J	K	O	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	cis-1,2-Dichloroethylene	6.38	J	K	O	1.00	µg/L	ML	EPA8260B
0	trans-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
1	Trichloroethylene	2.65	J	K	O	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 DOB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 8.67 ft (2.64 m) below TOC
 Water elevation: Not available
 pH: 7.4
 Sp. conductance: 110 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 28 gal

Time: 10:52
 Water temperature: 19.2°C
 Air temperature: 29.2°C
 Total alkalinity (as CaCO₃): 41 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

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)	0.920	J	I		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	cis-1,2-Dichloroethylene	2.17	U			1.00	µg/L	ML	EPA8260B
0	trans-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

ESH-EMS-2000406

Well DOB 19A collected on 06/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	1.60	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

WELL DOB 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 12.94 ft (3.94 m) below TOC
 Water elevation: Not available
 pH: 9.1
 Sp. conductance: 210 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 22 gal

Time: 11:56
 Water temperature: 20.3°C
 Air temperature: 35.3°C
 Total alkalinity (as CaCO₃): 91 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	0.840	J	IKY	O	1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	1.34	J	KY	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

WELL DOB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 12.99 ft (3.96 m) below TOC
 Water elevation: Not available
 pH: 5.5
 Sp. conductance: 45 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 23 gal

Time: 13:01
 Water temperature: 19.3°C
 Air temperature: 31.3°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

B-97

Second Quarter 2000

Well DOB 20A collected on 06/19/00 (cont.)

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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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

WELL DOB 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 11.92 ft (3.63 m) below TOC
 Water elevation: Not available
 pH: 7.9
 Sp. conductance: 193 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 24 gal

Time: 9:16
 Water temperature: 19.6°C
 Air temperature: 24.4°C
 Total alkalinity (as CaCO₃): 79 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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

ESH-EMS-2000406

Well DOB 21 collected on 06/21/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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

WELL DOB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 12 ft (3.66 m) below TOC
 Water elevation: Not available
 pH: 6.2
 Sp. conductance: 48 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 48 gal

Time: 13:11
 Water temperature: 20.2°C
 Air temperature: 31.3°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	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	ML	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	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	0.456	J	IK	O	1.00	µg/L	GE	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	0.975	J	IK	O	5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B

B-98

Second Quarter 2000

Well DOB 21A collected on 06/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorotrifluoroethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

WELL DOB 21A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 12 ft (3.66 m) below TOC
 Water elevation: Not available
 pH: 6.2
 Sp. conductance: 48 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 48 gal

Time: 13:11
 Water temperature: 20.2°C
 Air temperature: 31.3°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	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	0.570	J	IKY	O	1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

WELL DOB 21PZ

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 22.14 ft (6.75 m) below TOC
 Water elevation: Not available
 pH: 6.6
 Sp. conductance: 40 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 29 gal

Time: 14:15
 Water temperature: 20.2°C
 Air temperature: 28.7°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	Acetone	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Toluene	0.420	J	IKY	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

WELL DOB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 10.73 ft (3.27 m) below TOC
 Water elevation: Not available
 pH: 7.4
 Sp. conductance: 181 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 21 gal

Time: 10:39
 Water temperature: 19.2°C
 Air temperature: 24.6°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	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 DOB 22 collected on 06/21/00 (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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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

WELL DOB 22A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 10.36 ft (3.16 m) below TOC
 Water elevation: Not available
 pH: 5.8
 Sp. conductance: 40 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 19 gal

Time: 11:15
 Water temperature: 18.8°C
 Air temperature: 25.4°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	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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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

WELL DOL 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/00
 Depth to water: 15.57 ft (4.75 m) below TOC
 Water elevation: 139.13 ft (42.41 m) msl
 pH: 5.4
 Sp. conductance: 73 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 11 gal

Time: 9:39
 Water temperature: 21°C
 Air temperature: 29.7°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	U	Y		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U	Y		10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	1.34		Y		1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U	Y		5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U	Y		1.00	µg/L	ML	EPA8260B

WELL FEX 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.3
 Sp. conductance: 852 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 10:17
 Water temperature: 19.5°C
 Air temperature: 23.3°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	30,600				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	316				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	1.86				0.400	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.02	U			1.00	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
2	Cadmium, total recoverable	11.9				5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	6,180				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	1,580				100	µg/L	GE	EPA9056

Well FEX 1 collected on 06/07/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	<5.00	U			5.00	µg/L	GE	EPA6010B
1	Cobalt, total recoverable	68.5	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	40.7	U			5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	Q		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	33.2	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	4,170	U			20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	1,450	U			10.0	µg/L	GE	EPA6010B
1	Mercury, total recoverable	1.33	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	20.8	U			5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	95,000	U			2,500	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	41,400	U			213	µg/L	GE	EPA6010B
0	Silicon	19,400	U			100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	47,000	U			100	µg/L	GE	EPA6010B
0	Sulfate	1,990	U			200	µg/L	GE	EPA9056
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	0.592	J	I		1.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	30.0	J	I		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
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	1.22	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	56.5	U			5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.34E-08±8.71E-09	J	I	4	5.96E-09	µCi/mL	GP	EPIA-013
0	Actinium-228	1.77E-08±1.41E-08	R			1.47E-08	µCi/mL	GP	EPIA-013
2	Americium-241	3.50E-08±6.36E-09	U			8.49E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-1.39E-09±2.99E-09	U			4.84E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.03E-09±4.37E-09	U			7.42E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	4.35E-09±8.07E-09	U			1.46E-08	µCi/mL	GP	EPIA-013
0	Bismuth-212	9.36E-09±1.52E-08	U			2.67E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	6.70E-09±4.68E-09	R		4	5.20E-09	µCi/mL	GP	EPIA-013
0	Bismuth-214	6.57E-09±6.49E-09	U			8.14E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	5.42E-08±2.60E-08	J	I		4.15E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	7.43E-08±2.69E-08	J	I		4.18E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	5.42E-08±2.60E-08	J	I		4.15E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	-9.30E-10±1.13E-09	U			1.64E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.84E-09±1.69E-09	U			2.66E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	7.66E-09±1.63E-09	R		4	3.04E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.31E-09±1.92E-09	U			3.09E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.10E-09±1.17E-09	U			2.24E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-3.45E-10±1.95E-09	U			3.38E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-4.36E-11±8.73E-11	U			9.58E-10	µCi/mL	GP	EPIA-011
2	Curium-243/244	4.76E-08±8.00E-09	U			1.00E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.24E-09±1.32E-09	R		4	5.60E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-1.03E-10±3.17E-09	U			5.32E-09	µCi/mL	GP	EPIA-013
0	Europium-152	2.65E-09±4.46E-09	U			7.91E-09	µCi/mL	GP	EPIA-013
0	Europium-154	4.50E-09±4.04E-09	U			5.79E-09	µCi/mL	GP	EPIA-013
0	Europium-154	4.25E-09±5.23E-09	U			9.93E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.08E-09±4.35E-09	U			7.76E-09	µCi/mL	GP	EPIA-013
0	Europium-155	4.19E-09±5.40E-09	U			9.09E-09	µCi/mL	GP	EPIA-013
2	Gross alpha	7.98E-07±2.00E-07	U			1.06E-07	µCi/mL	GP	EPIA-001
2	Gross alpha	7.37E-07±1.93E-07	U			1.18E-07	µCi/mL	GP	EPIA-001
2	Iodine-129	9.61E-08±2.62E-08	U			1.69E-08	µCi/mL	GP	EPIA-006
2	Iodine-129	8.17E-08±2.01E-08	U			1.17E-08	µCi/mL	GP	EPIA-006
2	Iodine-129	9.61E-08±2.62E-08	U			1.69E-08	µCi/mL	GP	EPIA-006
0	Lead-212	3.11E-10±3.84E-09	U			3.31E-09	µCi/mL	GP	EPIA-013

ESH-EMS-2000406

Well FEX 1 collected on 06/07/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead-212	1.85E-09±4.18E-09	U			4.33E-09	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	1.26E-06±1.90E-07	U			1.86E-07	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.24E-06±1.87E-07	U			1.69E-07	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.71E-09±1.75E-09	U			3.28E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	2.63E-10±7.36E-10	U			1.80E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	3.69E-08±1.45E-08	R	4		2.88E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	8.99E-09±3.68E-08	U			2.94E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.46E-10±1.42E-09	U			2.34E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	4.13E-10±2.40E-09	U			3.66E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.44E-08±3.60E-09	U			2.32E-09	µCi/mL	GP	EPIA-008
0	Radium-228	9.40E-10±7.65E-10	U			1.55E-09	µCi/mL	GP	EPIA-009
0	Radium-228	1.06E-09±8.79E-10	U			1.80E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	4.27E-07±7.09E-09	U			3.76E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	8.68E-08±1.15E-08	U			1.41E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	6.47E-08±9.98E-09	U			1.32E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	1.46E-09±1.16E-09	U			2.15E-09	µCi/mL	GP	EPIA-013
0	Thallium-208	-1.53E-10±2.10E-09	J	I		3.54E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	1.61E-09±1.05E-09	U			1.59E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	6.82E-10±5.76E-10	U			8.21E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	4.23E-11±1.91E-10	U			5.38E-10	µCi/mL	GP	EPIA-012
2	Tritium	3.17E-03±6.14E-05	U			4.19E-06	µCi/mL	GP	EPIA-002
2	Tritium	3.11E-03±5.99E-05	U			4.07E-06	µCi/mL	GP	EPIA-002
2	Uranium-233/234	1.80E-07±3.22E-08	J	I		5.58E-09	µCi/mL	GP	EPIA-011
2	Uranium-235	2.08E-08±8.19E-09	U			5.23E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	4.12E-07±6.29E-08	U			5.92E-09	µCi/mL	GP	EPIA-011

WELL FEX 1TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.5
 Sp. conductance: 688 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 15:15
 Water temperature: 20.4°C
 Air temperature: 27.6°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	20,300	J	K	I	15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.127	JU	V	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<5.59	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	315	J	K	I	2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	1.92	J	K	I	0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.05	U			1.05	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodiform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Cadmium, total recoverable	8.00				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	<3.30	U	V		3.00	µg/L	GE	EPA6020
2	Cobalt, total recoverable	106				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	28.3				2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
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	42.7	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<0.150	JU	I	4	2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	0.548				0.200	µg/L	GE	EPA7470A

Well FEX 1TK collected on 04/11/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nickel, total recoverable	24.3				2.00	µg/L	GE	EPA6020
0	Phenols	<2.44	U	V		5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	14.6				3.00	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	0.382	J	I		0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			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	0.675	J	I		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<6.77	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	54.2				10.0	µg/L	GE	EPA6020
0	Actinium-228	1.02E-08±1.94E-08	U			2.10E-08	µCi/mL	GP	EPIA-013
2	Americium-241	1.77E-08±3.36E-09				1.88E-09	µCi/mL	GP	EPIA-011
2	Americium-241	1.81E-08±3.18E-09				1.66E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	6.48E-09±6.91E-09				1.23E-08	µCi/mL	GP	EPIA-013
0	Carbon-14	1.87E-08±5.42E-09	J	I		8.21E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	5.74E-10±1.57E-08				2.75E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	5.90E-10±2.72E-09	U			4.32E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-9.02E-10±2.49E-09	U			4.31E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	6.84E-10±1.92E-09	U			3.43E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.13E-09±2.80E-09	U			5.35E-09	µCi/mL	GP	EPIA-013
0	Curium-242	5.18E-10±6.46E-10	U			1.16E-09	µCi/mL	GP	EPIA-011
0	Curium-242	-3.56E-12±4.38E-10	U			1.10E-09	µCi/mL	GP	EPIA-011
2	Curium-243/244	2.74E-08±4.53E-09				2.21E-09	µCi/mL	GP	EPIA-011
2	Curium-243/244	2.93E-08±4.45E-09				1.74E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	6.23E-10±6.36E-10	U			9.91E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	8.23E-10±6.86E-10	U			1.01E-09	µCi/mL	GP	EPIA-011
0	Europium-152	-1.18E-09±8.26E-09	U			1.23E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-4.71E-10±7.79E-09	U			1.42E-08	µCi/mL	GP	EPIA-013
0	Europium-155	3.26E-09±8.55E-09	U			1.53E-08	µCi/mL	GP	EPIA-013
2	Iodine-129	6.32E-08±1.03E-08				3.04E-09	µCi/mL	GP	EPIA-006
0	Lead-212	8.97E-09±6.75E-09	J	I		8.70E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.12E-09±2.54E-09	U			4.29E-09	µCi/mL	GP	EPIA-013
0	Plutonium-238	-4.56E-11±9.15E-11	U			1.00E-09	µCi/mL	GP	EPIA-011
0	Plutonium-238	-5.81E-11±1.17E-10	U			1.28E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	0.00E+00±2.01E-09	U			5.69E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.16E-10±1.66E-10	U			1.51E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	5.11E-08±3.10E-08	U			6.41E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	4.08E-10±2.51E-09	U			4.47E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	8.90E-10±3.22E-09	U			5.49E-09	µCi/mL	GP	EPIA-013
1	Radium-226	3.63E-09±1.09E-09				7.34E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.72E-10±6.20E-10	U			1.02E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-4.01E-09±2.20E-08	U			3.86E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.55E-10±2.79E-09	U			5.09E-09	µCi/mL	GP	EPIA-013
2	Strontium-89/90	2.20E-07±4.40E-09				8.60E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	5.99E-08±1.46E-08				2.54E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	2.44E-10±1.16E-09	U			2.44E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	7.77E-10±6.61E-10	U			9.06E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.00E+00±2.01E-09	U			3.11E-10	µCi/mL	GP	EPIA-012
2	Uranium-233/234	1.41E-07±2.48E-08				1.49E-09	µCi/mL	GP	EPIA-011
2	Uranium-233/234	1.47E-07±2.52E-08				8.01E-10	µCi/mL	GP	EPIA-011
2	Uranium-235	1.81E-08±5.30E-09				1.50E-09	µCi/mL	GP	EPIA-011
1	Uranium-235	1.21E-08±4.01E-09				8.04E-10	µCi/mL	GP	EPIA-011
2	Uranium-238	2.50E-07±4.13E-08				1.96E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	2.52E-07±4.08E-08				8.01E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-2.68E-10±3.03E-09	U			5.49E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.91E-09±5.22E-09	U			9.28E-09	µCi/mL	GP	EPIA-013

WELL FEX 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.5
 Sp. conductance: 725 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

ANALYSES

Time: 13:04
 Water temperature: 22.9°C
 Air temperature: 40.8°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

Well FEX 2 collected on 06/07/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	23,300				50.0	µg/L	GE	EPA6010
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010
0	Barium, total recoverable	328				5.00	µg/L	GE	EPA6010
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Beryllium, total recoverable	1.27				0.400	µg/L	GE	EPA6020
2	Bis(2-ethylhexyl) phthalate	59.4				1.00	µg/L	GE	EPA8270
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Bromofom	<1.00	U			1.00	µg/L	GE	EPA8260
2	Cadmium, total recoverable	6.82				5.00	µg/L	GE	EPA6010
0	Calcium, total recoverable	3,800				100	µg/L	GE	EPA6010
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260
0	Chloride	1,340				100	µg/L	GE	EPA9056
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Chromium, total recoverable	1.20	J	I		5.00	µg/L	GE	EPA6010
2	Cobalt, total recoverable	141				5.00	µg/L	GE	EPA6010
0	Copper, total recoverable	31.0				5.00	µg/L	GE	EPA6010
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010
0	Magnesium, total recoverable	2,470				20.0	µg/L	GE	EPA6010
2	Manganese, total recoverable	2,370				10.0	µg/L	GE	EPA6010
0	Mercury, total recoverable	0.716				0.200	µg/L	GE	EPA7470
0	Nickel, total recoverable	23.6				5.00	µg/L	GE	EPA6010
2	Nitrate-nitrite as nitrogen	80,500				2,500	µg/L	GE	EPA353.
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010
0	Silica, total recoverable	59,500				213	µg/L	GE	EPA6010
0	Silicon	27,800				100	µg/L	GE	EPA6010
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010
0	Sodium, total recoverable	49,800				100	µg/L	GE	EPA6010
0	Sulfate	4,760				200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Thallium, total recoverable	0.674	J	I		1.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Total phosphates (as P)	20.0	J	I		50.0	µg/L	GE	EPA365.
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Vanadium, total recoverable	1.32	J	I		5.00	µg/L	GE	EPA6010
0	Zinc, total recoverable	52.1				5.00	µg/L	GE	EPA6010
0	Actinium-228	1.51E-08±1.02E-08	R		4	1.19E-08	µCi/mL	GP	EPIA-013
2	Americium-241	2.43E-08±5.09E-09				5.21E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-2.67E-10±3.59E-09	U			6.35E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	5.83E-09±1.04E-08				1.89E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	7.27E-09±4.62E-09	R		4	4.72E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	6.89E-08±2.66E-08	J	I		4.16E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	-1.22E-11±1.32E-09	U			2.30E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-7.87E-10±1.35E-09	U			2.24E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.81E-10±1.47E-09	U			2.72E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-4.70E-11±9.42E-11	U			1.03E-09	µCi/mL	GP	EPIA-011
2	Curium-243/244	3.55E-08±6.62E-09				5.22E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.81E-09±1.23E-09	R		4	6.04E-10	µCi/mL	GP	EPIA-011
0	Europium-152	8.25E-10±4.97E-09	U			7.42E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.75E-10±4.15E-09	U			7.42E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.11E-09±5.25E-09	U			9.19E-09	µCi/mL	GP	EPIA-013
2	Gross alpha	7.76E-07±1.10E-07				5.16E-08	µCi/mL	GP	EPIA-006
2	Iodine-129	1.16E-07±2.68E-08				1.82E-08	µCi/mL	GP	EPIA-013
0	Lead-212	2.68E-09±4.75E-09	U			4.83E-09	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	8.27E-07±8.98E-08				9.37E-08	µCi/mL	GP	EPIA-001

Well FEX 2 collected on 06/07/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Plutonium-238	-4.87E-10±1.22E-09	U			3.34E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	2.68E-10±5.14E-10	U			1.10E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	1.33E-09±2.77E-08	U			2.37E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	8.30E-10±1.73E-09	U			3.14E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.58E-08±3.76E-09				1.67E-09	µCi/mL	GP	EPIA-008
0	Radium-228	8.36E-10±4.96E-10	U			9.63E-10	µCi/mL	GP	EPIA-009
2	Strontium-90	2.21E-07±4.14E-09				2.09E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	7.91E-08±1.11E-08				1.39E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	2.24E-09±2.45E-09	U			2.91E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	4.98E-10±9.40E-10	U			1.85E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	3.33E-10±3.37E-10	U			2.50E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	4.13E-11±1.87E-10	U			5.25E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.81E-03±5.42E-05				3.87E-06	µCi/mL	GP	EPIA-002
2	Uranium-233/234	1.36E-07±2.49E-08				3.79E-09	µCi/mL	GP	EPIA-011
1	Uranium-235	1.15E-08±5.68E-09	J	I		4.94E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	3.05E-07±4.67E-08				3.79E-09	µCi/mL	GP	EPIA-011

WELL FEX 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.5
 Sp. conductance: 768 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 9:02
 Water temperature: 20.4°C
 Air temperature: 24.2°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	20.400				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	314				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	JU	L	I	1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	1.16				0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	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
2	Cadmium, total recoverable	6.39				5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	2.880				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	1.430				100	µg/L	GE	EPA9056
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	4.75	J	I		5.00	µg/L	GE	EPA6010B
2	Cobalt, total recoverable	105				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	21.5				5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	LQ	I	5.00	µg/L	GE	EPA9012A
0	Cyanide	<5.00	JU	LQ	I	5.00	µg/L	GE	EPA9012A
0	Cyanide	<5.00	JU	LQ	I	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	38.0	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	1.980				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	2.050				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	0.332				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	24.3				5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	82.500				2.500	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

ESH-EMS-2000406

Well FEX 3 collected on 06/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Silica, total recoverable	64,000				213	µg/L	GE	EPA6010B
0	Silicon	30,000				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	56,400				100	µg/L	GE	EPA6010B
0	Sulfate	4,870				200	µg/L	GE	EPA9056
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	<5.00	U			5.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	30.0	J	I		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
0	Trichloroethylene	1.32				1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	43.7				5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.40E-08±1.21E-08	U			1.46E-08	µCi/mL	GP	EPIA-013
2	Americium-241	2.40E-08±5.25E-09				1.01E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	-5.00E-10±3.95E-09	U			6.64E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	4.19E-09±1.15E-08	U			2.11E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	6.75E-09±5.41E-09	U			6.98E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	7.43E-08±2.63E-08	J	I		4.07E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	-1.18E-09±1.45E-09	U			2.44E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.36E-10±4.20E-09	U			2.58E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-6.93E-11±1.63E-09	U			3.00E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			6.41E-10	µCi/mL	GP	EPIA-011
2	Curium-243/244	3.96E-08±7.45E-09				5.73E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.11E-09±1.00E-09	R		4	6.64E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-4.01E-09±4.48E-09	U			7.14E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.54E-09±6.64E-09	U			7.90E-09	µCi/mL	GP	EPIA-013
0	Europium-155	5.14E-09±7.31E-09	U			1.09E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	5.67E-07±9.41E-09				9.20E-10	µCi/mL	GP	EPIA-001
2	Gross alpha	6.30E-07±9.95E-09				1.58E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	6.30E-07±9.95E-09				1.58E-09	µCi/mL	GP	EPIA-001
2	Iodine-129	2.33E-07±4.50E-08				1.69E-08	µCi/mL	GP	EPIA-006
0	Lead-212	4.72E-09±3.10E-09	U			5.59E-09	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	7.01E-07±7.86E-09				2.23E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.06E-07±7.90E-09				2.57E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.06E-07±7.90E-09				2.57E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	7.72E-10±1.42E-09	U			3.05E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-3.63E-10±2.62E-10	U			1.79E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	2.62E-08±2.01E-08	U			4.02E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	1.33E-10±2.06E-09	U			3.48E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.04E-08±3.13E-09				2.10E-09	µCi/mL	GP	EPIA-008
0	Radium-228	8.78E-10±6.52E-10	U			1.32E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.91E-07±1.56E-08				1.11E-08	µCi/mL	GP	EPIA-004
2	Strontium-90	1.55E-07±1.17E-08				8.99E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	8.43E-08±9.89E-09				1.09E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	2.28E-09±2.90E-09	U			3.13E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	1.02E-09±8.43E-10	U			1.37E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	1.09E-09±6.29E-10	J	I		5.08E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	7.98E-11±2.56E-10	U			6.19E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.74E-03±5.35E-05				3.87E-06	µCi/mL	GP	EPIA-002
2	Uranium-233/234	1.61E-07±2.82E-08				3.83E-09	µCi/mL	GP	EPIA-011
2	Uranium-235	1.84E-08±7.14E-09				3.26E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	3.68E-07±5.48E-08				3.25E-09	µCi/mL	GP	EPIA-011

WELL FEX 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.8
 Sp. conductance: 714 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 9:35
 Water temperature: 20°C
 Air temperature: 24.6°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	23.700				50.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<2.87	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	369				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B

B-103

Second Quarter 2000

Well FEX 4 collected on 06/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	1.52				0.400	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	1.59				0.971	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
2	Cadmium, total recoverable	6.19				5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	6,250				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	1,010				100	µg/L	GE	EPA9056
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	<5.00	U			5.00	µg/L	GE	EPA6010B
2	Cobalt, total recoverable	141				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	28.6				5.00	µg/L	GE	EPA6010B
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	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	3,320				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	2,200				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	0.164	J	I		0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	28.4				5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	79,500				2,500	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	49,400				213	µg/L	GE	EPA6010B
0	Silicon	23,100				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	41,900				100	µg/L	GE	EPA6010B
0	Sulfate	1,060				200	µg/L	GE	EPA9056
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	<0.300	JU	I	4	1.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	170				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
0	Trichloroethylene	1.46	J	K	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	46.2				5.00	µg/L	GE	EPA6010B
0	Actinium-228	3.66E-09±9.81E-09	U			8.12E-09	µCi/mL	GP	EPIA-013
2	Americium-241	2.32E-08±4.51E-09				4.21E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-7.33E-10±3.61E-09	U			5.97E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	1.15E-08±1.06E-08	U			2.00E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.04E-08±5.55E-09	J	I		4.45E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	4.03E-08±2.54E-08	U			4.14E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	1.24E-09±1.28E-09	U			2.39E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	5.57E-10±1.28E-09	U			2.36E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.03E-09±1.27E-09	U			2.55E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.58E-10±3.16E-10	U			4.73E-10	µCi/mL	GP	EPIA-011
2	Curium-243/244	4.34E-08±7.08E-09				7.42E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.79E-09±1.10E-09	R		4	4.89E-10	µCi/mL	GP	EPIA-011
0	Europium-152	2.39E-09±3.79E-09	U			6.64E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-3.81E-10±3.78E-09	U			6.88E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.07E-10±5.35E-09	U			9.43E-09	µCi/mL	GP	EPIA-013
2	Gross alpha	7.61E-07±1.10E-07				3.77E-08	µCi/mL	GP	EPIA-001
2	Iodine-129	5.22E-08±1.67E-08				1.17E-08	µCi/mL	GP	EPIA-006
0	Lead-212	5.24E-09±3.18E-09	R		4	5.14E-09	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	7.81E-07±8.81E-08				8.92E-08	µCi/mL	GP	EPIA-001
0	Plutonium-238	5.78E-10±1.44E-09	U			3.21E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.32E-10±1.53E-10	U			1.27E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	1.99E-08±1.62E-08	U			3.22E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	1.70E-09±2.63E-09	U			3.18E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.24E-08±3.35E-09				2.30E-09	µCi/mL	GP	EPIA-008

ESH-EMS-2000406

Well FEX 4 collected on 06/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Radium-228	1.38E-09±8.33E-10	U			1.64E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.80E-07±3.84E-09				2.11E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	5.07E-08±9.28E-09				1.34E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	1.94E-09±1.49E-09	U			2.82E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	1.25E-09±1.20E-09	U			2.12E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	5.97E-10±5.03E-10	J	I		5.79E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	9.19E-11±1.84E-10	U			2.76E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.60E-03±5.11E-05				3.78E-06	µCi/mL	GP	EPIA-012
2	Uranium-233/234	1.98E-07±3.39E-08				3.43E-09	µCi/mL	GP	EPIA-011
2	Uranium-235	2.04E-08±7.82E-09				4.52E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	2.93E-07±4.63E-08				1.95E-09	µCi/mL	GP	EPIA-011

WELL FEX 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/00
Depth to water: Not available
Water elevation: Not available
pH: 3.8
Sp. conductance: 768 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 10:39
Water temperature: 21.5°C
Air temperature: 24.5°C
Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	29,600				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	358				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
1	Beryllium, total recoverable	2.27				0.400	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	µg/L	GE	EPA8270C
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
2	Cadmium, total recoverable	5.19				5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	7,920				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloride	992				100	µg/L	GE	EPA9056
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	J	IL	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	0.954	J	IL	O	1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	2.32	J	I		5.00	µg/L	GE	EPA6010B
2	Cobalt, total recoverable	178				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	37.1				5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
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	<5.00	JU	L	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
0	Iron, total recoverable	22.7	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.96	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	3,090				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	2,650				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	39.7				5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	88,000				2,500	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	29,800				213	µg/L	GE	EPA6010B
0	Silicon	13,900				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	35,700				100	µg/L	GE	EPA6010B
0	Sulfate	<200	U			200	µg/L	GE	EPA9056
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

Well FEX 5 collected on 06/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Thallium, total recoverable	<0.296	JU	I	4	1.00	µg/L	GE	EPA6020
0	Toluene	<1.00	JU	L	0	1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<50.0	U			50.0	µg/L	GE	EPA365.4
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	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	1.24	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	60.2				5.00	µg/L	GE	EPA6010B
0	Actinium-228	2.60E-08±1.34E-08	R		4	1.36E-08	µCi/mL	GP	EPIA-013
2	Americium-241	1.43E-08±3.84E-09				5.95E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-6.19E-10±3.88E-09	U			6.89E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	-2.21E-09±1.12E-08	U			1.94E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	2.33E-08±6.46E-09	R		4	8.69E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	7.01E-08±2.65E-08	J	I		4.14E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	1.22E-09±1.86E-09	U			2.58E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.23E-09±1.49E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	8.19E-10±1.96E-09	U			3.30E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			6.70E-10	µCi/mL	GP	EPIA-011
2	Curium-243/244	1.51E-08±3.98E-09				5.97E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.61E-10±6.54E-10	U			6.91E-10	µCi/mL	GP	EPIA-011
0	Europium-152	3.61E-09±4.32E-09	U			7.62E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.15E-09±5.35E-09	U			8.25E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.89E-09±5.67E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	7.97E-07±1.15E-07				5.24E-08	µCi/mL	GP	EPIA-001
2	Iodine-129	4.67E-08±1.40E-08	J	I		3.10E-08	µCi/mL	GP	EPIA-006
0	Lead-212	2.36E-10±4.03E-09	U			4.48E-09	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	6.81E-07±8.72E-08				1.03E-07	µCi/mL	GP	EPIA-001
0	Plutonium-238	4.09E-11±1.01E-09	U			2.70E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	2.62E-10±6.04E-10	U			1.42E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	2.27E-08±1.77E-08	U			3.58E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	5.42E-10±2.53E-09	U			3.38E-09	µCi/mL	GP	EPIA-013
2	Radium-226	3.73E-08±5.68E-09				2.35E-09	µCi/mL	GP	EPIA-008
0	Radium-228	7.29E-10±6.18E-10	U			1.26E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.27E-07±9.10E-09				5.75E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	6.78E-08±1.09E-08	U			1.48E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	6.69E-10±2.82E-09	U			3.11E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	-7.44E-11±5.68E-10	U			1.31E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	-1.95E-10±1.61E-10	U			7.14E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.92E-10±2.74E-10	U			4.94E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.69E-03±5.20E-05				3.79E-06	µCi/mL	GP	EPIA-002
2	Uranium-233/234	2.15E-07±3.75E-08				2.15E-09	µCi/mL	GP	EPIA-011
1	Uranium-235	1.19E-08±6.14E-09	J	I		4.47E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	2.68E-07±4.46E-08				4.45E-09	µCi/mL	GP	EPIA-011

WELL FEX 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.8
 Sp. conductance: 591 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 11:45
 Water temperature: 22.1°C
 Air temperature: 33.6°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	24,500				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	293				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
1	Beryllium, total recoverable	2.01				0.400	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<0.971	U			0.971	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
1	Cadmium, total recoverable	3.93	J	I		5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	5,090				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Chloride	1,640,000				10,000	µg/L	GE	EPA9056
2	Chloride	1,620,000				10,000	µg/L	GE	EPA9056
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B

Well FEX 6 collected on 06/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
1	Chromium, total recoverable	57.6				5.00	µg/L	GE	EPA6010B
1	Cobalt, total recoverable	93.7				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	38.4				5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
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
1	Iron, total recoverable	211				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	2,370				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	1,530				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	0.308				0.0200	µg/L	GE	EPA7470A
1	Nickel, total recoverable	58.9				5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	67,500				2,500	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	23,200				213	µg/L	GE	EPA6010B
0	Silicon	10,900				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	19,600				100	µg/L	GE	EPA6010B
2	Sulfate	2,250,000				20,000	µg/L	GE	EPA9056
2	Sulfate	2,250,000				20,000	µg/L	GE	EPA9056
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
1	Thallium, total recoverable	1.64				1.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	40.0	J	I		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
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	1.30	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	48.0				5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.94E-08±9.82E-09	R		4	1.35E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	1.60E-08±9.96E-09	J	I		6.79E-09	µCi/mL	GP	EPIA-013
2	Americium-241	8.20E-09±2.47E-09				8.20E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	1.25E-09±3.83E-09	U			6.58E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	5.13E-09±4.70E-09	U			5.43E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	4.66E-09±1.12E-08	U			2.04E-08	µCi/mL	GP	EPIA-013
0	Bismuth-212	2.94E-09±8.40E-09	U			1.50E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.21E-08±6.77E-09	U	V		4.60E-09	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.20E-08±5.17E-09	R		4	5.93E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	2.52E-08±5.67E-09	U	V		8.21E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	-9.84E-11±1.57E-09	U			2.44E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	2.12E-11±1.18E-09	U			1.82E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	8.59E-10±1.43E-09	U			2.64E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	7.93E-09±1.74E-09	R		4	3.21E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.60E-10±1.40E-09	U			2.70E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.32E-10±1.09E-09	U			2.05E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-4.19E-11±8.40E-11	U			9.22E-10	µCi/mL	GP	EPIA-011
2	Curium-243/244	8.49E-09±2.53E-09				9.69E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.80E-10±3.61E-10	U			5.41E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.76E-09±4.15E-09	U			7.17E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-8.59E-10±3.70E-09	U			5.44E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-5.62E-10±3.67E-09	U			6.69E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.96E-10±3.12E-09	U			5.61E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.20E-09±5.36E-09	U			9.50E-09	µCi/mL	GP	EPIA-013
0	Europium-155	4.10E-09±4.47E-09	U			8.00E-09	µCi/mL	GP	EPIA-013
2	Gross alpha	3.33E-07±9.61E-09				7.84E-10	µCi/mL	GP	EPIA-001
2	Iodine-129	3.75E-08±1.15E-08	J	K	I	7.40E-09	µCi/mL	GP	EPIA-006
0	Lead-212	4.45E-09±5.04E-09	U			4.20E-09	µCi/mL	GP	EPIA-013
0	Lead-212	1.62E-09±3.34E-09	U			3.94E-09	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	6.54E-07±8.32E-09				1.28E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-1.37E-10±1.34E-09	U			3.43E-09	µCi/mL	GP	EPIA-011

Well FEX 6 collected on 06/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Plutonium-239/240	3.25E-10±6.57E-10	U			1.46E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	1.38E-08±2.89E-08	U			2.00E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	1.16E-08±2.57E-08	U			1.97E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	1.13E-09±1.80E-09	U			3.15E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.98E-09±2.41E-09	R		4	2.52E-09	µCi/mL	GP	EPIA-013
2	Radium-226	8.52E-09±1.49E-09				7.01E-10	µCi/mL	GP	EPIA-008
2	Radium-228	1.85E-08±1.70E-09				1.67E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.40E-07±4.20E-09	J	L	I	1.15E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	5.08E-08±1.34E-08	J	K	C	2.21E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	4.01E-08±8.02E-09	J	K	C	1.17E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	8.06E-10±2.46E-09	U			3.19E-09	µCi/mL	GP	EPIA-013
0	Thallium-208	9.28E-10±2.90E-09	U			2.31E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	3.20E-10±9.09E-10	U			1.84E-09	µCi/mL	GP	EPIA-012
0	Thorium-228	1.22E-09±9.25E-10	U			1.52E-09	µCi/mL	GP	EPIA-012
0	Thorium-228	1.22E-09±9.25E-10	U			1.52E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	-1.46E-12±2.54E-10	U			7.02E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	4.94E-10±4.18E-10	U			5.42E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	4.94E-10±4.18E-10	U			5.42E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	3.62E-11±1.64E-10	U			4.60E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.06E-10±2.13E-10	U			4.45E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.06E-10±2.13E-10	U			4.45E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.05E-03±3.99E-05				3.48E-06	µCi/mL	GP	EPIA-002
2	Uranium-233/234	2.19E-07±3.85E-08				6.30E-09	µCi/mL	GP	EPIA-011
1	Uranium-235	1.38E-08±6.88E-09	J	I		5.96E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	2.52E-07±4.30E-08				5.10E-09	µCi/mL	GP	EPIA-011

WELL FEX 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.1
 Sp. conductance: 238 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 12:42
 Water temperature: 25°C
 Air temperature: 34.4°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	9.220				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	204				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	1.25				0.400	µg/L	GE	EPA6020
2	Bis(2-ethylhexyl) phthalate	9.06				1.00	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
1	Cadmium, total recoverable	2.91	J	I		5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	3,140				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	1,070				100	µg/L	GE	EPA9056
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	1.66	J	K	O	1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	33.7				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	16.3				5.00	µg/L	GE	EPA6010B
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	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

ESH-EMS-2000406

Well FEX 7 collected on 06/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Magnesium, total recoverable	1,560				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	544				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	0.0648	J	I		0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	12.8				5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	29,000				1,250	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	11,800				213	µg/L	GE	EPA6010B
0	Silicon	5,520				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	8,170				100	µg/L	GE	EPA6010B
0	Sulfate	470				200	µg/L	GE	EPA9056
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
1	Thallium, total recoverable	1.19				1.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<50.0	U			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
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	0.952	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	18.3				5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.24E-08±9.78E-09	R		4	9.40E-09	µCi/mL	GP	EPIA-013
0	Americium-241	1.48E-09±1.06E-09	J	I		1.08E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	-9.87E-11±3.34E-09	U			5.62E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	-1.10E-08±9.35E-09	U			1.49E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	3.18E-09±4.08E-09	U			4.91E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	3.01E-08±6.18E-09		V		8.81E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	1.43E-10±1.05E-09	U			1.91E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.27E-09±2.97E-09	U			2.25E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.56E-09±1.39E-09	U			2.30E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			5.84E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.12E-10±6.30E-10	U			1.40E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	8.04E-10±8.10E-10	R		4	6.03E-10	µCi/mL	GP	EPIA-011
0	Europium-152	8.06E-10±3.62E-09	U			6.20E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.42E-09±3.26E-09	U			6.38E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.33E-09±3.50E-09	U			6.20E-09	µCi/mL	GP	EPIA-013
2	Gross alpha	2.03E-07±6.77E-09				6.53E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	1.66E-08±1.18E-08	U			1.68E-08	µCi/mL	GP	EPIA-006
2	Iodine-129	1.36E-08±8.63E-09	J	IK	I	1.09E-08	µCi/mL	GP	EPIA-006
0	Iodine-129	1.66E-08±1.18E-08	U			1.68E-08	µCi/mL	GP	EPIA-006
0	Lead-212	2.33E-09±3.46E-09	U			4.14E-09	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	4.70E-07±6.91E-09				1.20E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	5.73E-10±1.46E-09	U			3.27E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	4.15E-10±7.53E-10	U			1.62E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	3.09E-08±1.67E-08	U			3.44E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	8.29E-10±1.62E-09	U			2.81E-09	µCi/mL	GP	EPIA-013
2	Radium-226	8.76E-09±1.54E-09				6.36E-10	µCi/mL	GP	EPIA-008
2	Radium-226	9.69E-09±1.61E-09				5.07E-10	µCi/mL	GP	EPIA-008
2	Radium-228	1.01E-08±1.14E-09				1.28E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.29E-07±4.40E-09	J	L	I	1.33E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	2.02E-08±8.86E-09	J	IK	C	1.70E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	1.65E-09±2.27E-09	U			2.67E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	2.17E-10±6.37E-10	U			1.33E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	8.76E-10±5.80E-10	J	I		7.03E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-7.31E-13±1.80E-10	U			5.61E-10	µCi/mL	GP	EPIA-012
2	Tritium	7.46E-04±1.47E-05				1.99E-06	µCi/mL	GP	EPIA-002
2	Uranium-233/234	7.45E-08±1.78E-08				7.41E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	5.18E-09±4.81E-09	U			7.93E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	7.34E-08±1.76E-08				5.49E-09	µCi/mL	GP	EPIA-011

WELL FEX 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.6
 Sp. conductance: 1,088 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 11:53
 Water temperature: 24.3°C
 Air temperature: 33.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

B-106

Second Quarter 2000

Well FEX 8 collected on 06/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	5,880				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	340				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	JU	L	I	1.00	µg/L	GE	EPA8260B
2	Beryllium, total recoverable	15.1				0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00				1.00	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00				1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00				1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00				1.00	µg/L	GE	EPA8260B
2	Cadmium, total recoverable	14.9				5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	71,100				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	2,980				100	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00				1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00				1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00				1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00				5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00				1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00				1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
2	Cobalt, total recoverable	199				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	12.6				5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	L	I	5.00	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00				1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00				1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00				1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00				1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00				1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00				5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00				1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00				1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00				1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00				1.00	µg/L	GE	EPA8260B
0	Iron, total recoverable	<50.0				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	15,700				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	2,910				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	0.388				0.200	µg/L	GE	EPA7470A
1	Nickel, total recoverable	54.2				5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	134,000				2,500	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	14,400				213	µg/L	GE	EPA6010B
0	Silicon	6,760				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	66,000				100	µg/L	GE	EPA6010B
0	Sulfate	474				200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00				1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00				1.00	µg/L	GE	EPA8260B
1	Thallium, total recoverable	1.13				0.500	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	110				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				1.00	µg/L	GE	EPA8260B
1	Trichloroethylene	4.42				1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	1.26	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	213				5.00	µg/L	GE	EPA6010B
0	Actinium-228	4.58E-09±6.92E-09	U			1.26E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.06E-09±1.07E-09	U			7.97E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	4.63E-09±4.71E-09	U			8.50E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	8.22E-09±1.36E-08	U			2.51E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.88E-08±9.86E-09	R		4	9.63E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	5.37E-08±2.61E-08	J	I		4.18E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	-6.76E-10±1.79E-09	U			2.66E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.96E-10±1.71E-09	U			3.10E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.72E-10±1.78E-09	U			3.13E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			8.93E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.00E-09±1.08E-09	U			1.41E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.23E-09±1.25E-09	R		4	9.25E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-1.39E-09±5.48E-09	U			8.09E-09	µCi/mL	GP	EPIA-013
0	Europium-154	6.97E-10±4.85E-09	U			8.99E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-4.79E-09±7.39E-09	U			1.19E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	5.30E-07±9.13E-09				1.32E-09	µCi/mL	GP	EPIA-001
2	Iodine-129	5.51E-08±1.92E-08	R		4	3.75E-08	µCi/mL	GP	EPIA-006
0	Lead-212	4.94E-09±6.45E-09	U			6.68E-09	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	6.40E-07±7.58E-09				2.61E-09	µCi/mL	GP	EPIA-001

ESH-EMS-2000406

Well FEX 8 collected on 06/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Plutonium-238	4.85E-10±1.33E-09	U			3.07E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.38E-10±7.02E-10	U			2.28E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	6.70E-09±1.84E-08	U			3.44E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	1.39E-09±2.25E-09	U			3.96E-09	µCi/mL	GP	EPIA-013
2	Radium-226	3.70E-08±5.62E-09				1.62E-09	µCi/mL	GP	EPIA-008
0	Radium-228	9.33E-10±1.19E-10	U			1.45E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.71E-07±9.68E-09				4.97E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1.77E-07±1.30E-08				9.81E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	2.72E-09±1.93E-09	U			3.67E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	-2.41E-10±5.72E-10	U			1.43E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	-4.05E-11±3.31E-10				8.90E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	3.41E-10±3.51E-10	U			4.78E-10	µCi/mL	GP	EPIA-012
2	Tritium	4.12E-03±7.74E-05				4.72E-06	µCi/mL	GP	EPIA-002
2	Uranium-233/234	2.96E-08±9.30E-09				4.55E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	2.13E-09±2.47E-09	U			3.76E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	3.42E-08±1.00E-08				3.18E-09	µCi/mL	GP	EPIA-011

WELL FEX 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/00
Depth to water: Not available
Water elevation: Not available
pH: 5.2
Sp. conductance: 316 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 10:54
Water temperature: 23.6°C
Air temperature: 30.7°C
Total alkalinity (as CaCO₃): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	596				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	71.6				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	JU	L	I	1.00	µg/L	GE	EPA8260B
1	Beryllium, total recoverable	2.44				0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	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	1.48	J	I		5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	24,100				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	2,570				100	µg/L	GE	EPA9056
0	Chloride	2,580				100	µg/L	GE	EPA9056
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	10.1				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	16.3				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	LQ	I	5.00	µg/L	GE	EPA9012
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	54.5				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	4,440				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	444				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	0.121	J	I		0.200	µg/L	GE	EPA7470
0	Nickel, total recoverable	18.3				5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	36,500				2,500	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066

Well FEX 9 collected on 06/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	10,100				213	µg/L	GE	EPA6010B
0	Silicon	4,740				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	20,600				100	µg/L	GE	EPA6010B
0	Sulfate	549				200	µg/L	GE	EPA9056
0	Sulfate	505				200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	0.675	J	I		1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<0.155	JU	I	4	0.500	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	130				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
0	Trichloroethylene	1.34				1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	0.453	J	I		1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	1.30	J	I		5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	58.7				5.00	µg/L	GE	EPA6010B
0	Actinium-228	5.56E-09±1.60E-08	U			1.64E-08	µCi/mL	GP	EPIA-013
0	Americium-241	5.06E-10±6.44E-10	U			9.67E-10	µCi/mL	GP	EPIA-011
0	Americium-241	6.29E-10±7.31E-10	U			6.29E-10	µCi/mL	GP	EPIA-011
0	Americium-241	5.06E-10±6.44E-10	U			9.67E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-7.41E-10±5.14E-09	U			9.10E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	3.56E-09±1.78E-08	U			3.15E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	9.08E-09±1.06E-08	U			9.25E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	3.35E-08±2.53E-08	U			4.17E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	4.48E-10±2.21E-09	U			3.47E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	8.90E-10±2.22E-09	U			3.99E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.66E-10±2.07E-09	U			3.92E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.56E-10±4.23E-10	U			1.08E-09	µCi/mL	GP	EPIA-011
0	Curium-242	0.00E+00±2.00E-09	U			7.04E-10	µCi/mL	GP	EPIA-011
0	Curium-242	1.56E-10±4.23E-10	U			1.08E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-8.81E-11±1.25E-10	U			1.14E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.09E-10±4.44E-10	U			1.31E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-8.81E-11±1.25E-10	U			1.14E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.11E-10±4.49E-10	U			1.32E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.00E+00±2.00E-09	U			7.30E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.11E-10±4.49E-10	U			1.32E-09	µCi/mL	GP	EPIA-011
0	Europium-152	3.40E-09±5.58E-09	U			9.65E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.73E-09±6.33E-09	U			1.19E-08	µCi/mL	GP	EPIA-013
0	Europium-155	1.12E-09±6.00E-09	U			1.05E-08	µCi/mL	GP	EPIA-013
1	Gross alpha	1.10E-08±1.43E-09	U			1.02E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	1.34E-08±1.17E-08	U			1.86E-08	µCi/mL	GP	EPIA-006
0	Lead-212	3.78E-09±7.56E-09	U			6.85E-09	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	1.13E-07±3.33E-09				2.10E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.13E-10±3.06E-10	U			7.85E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	7.34E-10±7.41E-10	U			1.01E-09	µCi/mL	GP	EPIA-011
0	Plutonium-238	1.13E-10±3.06E-10	U			7.85E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	2.61E-10±4.28E-10	U			7.84E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	3.25E-10±4.61E-10	U			4.87E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	2.61E-10±4.28E-10	U			7.84E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	6.19E-08±2.84E-08	J	I		5.83E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	1.08E-09±2.39E-09	U			4.36E-09	µCi/mL	GP	EPIA-013
1	Radium-226	4.10E-09±2.00E-09	J	I		1.68E-09	µCi/mL	GP	EPIA-008
1	Radium-226	4.10E-09±2.00E-09	J	I		1.68E-09	µCi/mL	GP	EPIA-008
1	Radium-226	4.28E-09±2.05E-09	J	I		1.99E-09	µCi/mL	GP	EPIA-008
0	Radium-228	1.12E-09±4.76E-10	J	I		8.55E-10	µCi/mL	GP	EPIA-009
2	Strontium-90	3.61E-08±2.54E-09				2.80E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	5.58E-08±7.83E-09				9.55E-09	µCi/mL	GP	EPIA-005
0	Technetium-99	4.71E-08±7.38E-09				9.60E-09	µCi/mL	GP	EPIA-005
0	Technetium-99	5.58E-08±7.83E-09				9.55E-09	µCi/mL	GP	EPIA-005
0	Technetium-99	5.58E-08±7.83E-09				9.55E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	3.96E-09±2.31E-09	U			4.38E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	1.79E-10±5.48E-10	U			1.16E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	3.96E-10±3.65E-10	U			4.54E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	7.21E-11±1.45E-10	U			2.16E-10	µCi/mL	GP	EPIA-012
2	Tritium	8.89E-04±1.74E-05				2.02E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.85E-10±1.98E-09	U			4.87E-09	µCi/mL	GP	EPIA-011
0	Uranium-233/234	2.02E-09±2.18E-09	U			2.84E-09	µCi/mL	GP	EPIA-011
0	Uranium-233/234	6.85E-10±1.98E-09	U			4.87E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	0.00E+00±2.00E-09	U			1.61E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.30E-10±2.60E-10	U			2.85E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	0.00E+00±2.00E-09	U			1.61E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	2.54E-09±2.43E-09	U			2.84E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	2.69E-09±2.43E-09	J	I		1.62E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	2.54E-09±2.43E-09	U			2.84E-09	µCi/mL	GP	EPIA-011

WELL FEX 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.9
 Sp. conductance: 600 µS/cm
 Turbidity: 2 NTU
 The well was continuously pumping.

Time: 14:38
 Water temperature: 25.6°C
 Air temperature: 40.1°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	18,600				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	254				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	JU	L	I	1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	1.39				0.200	µg/L	GE	EPA8260B
0	Bis(2-ethylhexyl) phthalate	<1.11	U			1.11	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	0.884	J	I		5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	1,250				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	845				100	µg/L	GE	EPA9056
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	<1.52	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	42.5				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	42.4				5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	L	I	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	21.0	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	608				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	1,340				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	0.0722	J	I		0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	16.6				5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	63,000				2,500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	63,500				2,500	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	60,100				213	µg/L	GE	EPA6010B
0	Silicon	28,200				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	29,000				100	µg/L	GE	EPA6010B
0	Sulfate	6,760				200	µg/L	GE	EPA9056
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
1	Thallium, total recoverable	1.51	J	I		5.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	20.0	J	I		50.0	µg/L	GE	EPA365.4
0	Total phosphates (as P)	20.0	J	I		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	6.55				1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	32.3				5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.24E-08±2.04E-08	U			2.14E-08	µCi/mL	GP	EPIA-011
2	Americium-241	2.07E-08±5.28E-09				1.27E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.87E-09±6.91E-09	U			1.18E-08	µCi/mL	GP	EPIA-013
0	Bismuth-212	7.67E-09±2.14E-08	U			3.80E-08	µCi/mL	GP	EPIA-013

Well FEX 10 collected on 06/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bismuth-214	2.18E-08±1.22E-08	R		4	1.33E-08	µCi/mL	GP	EPIA-013
0	Carbon-14	3.86E-08±2.55E-08	U			4.16E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	8.87E-10±2.85E-09	U			4.41E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	8.35E-09±6.21E-09	J	I		4.25E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.12E-09±2.59E-09	J			4.90E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			8.09E-10	µCi/mL	GP	EPIA-011
2	Curium-243/244	2.37E-08±5.76E-09	U			7.24E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.80E-10±5.60E-10	U			8.39E-10	µCi/mL	GP	EPIA-011
0	Europium-152	4.33E-09±7.63E-09	U			1.21E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-1.55E-09±6.84E-09	U			1.21E-08	µCi/mL	GP	EPIA-013
0	Europium-155	2.74E-09±1.01E-08	U			1.71E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.27E-09±7.05E-10	U			7.36E-10	µCi/mL	GP	EPIA-001
2	Iodine-129	7.77E-08±2.43E-08	U			1.28E-08	µCi/mL	GP	EPIA-006
0	Lead-212	7.30E-09±8.58E-09	U			9.54E-09	µCi/mL	GP	EPIA-013
1	Nonvolatile beta	4.47E-08±2.24E-09	U			2.02E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-1.68E-10±6.22E-10	U			1.93E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	6.23E-12±3.45E-10	U			1.18E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	9.81E-09±2.70E-08	U			5.03E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	1.80E-09±3.36E-09	U			6.02E-09	µCi/mL	GP	EPIA-013
1	Radium-226	2.58E-09±1.46E-09	J	I		5.82E-10	µCi/mL	GP	EPIA-008
2	Radium-228	7.38E-09±1.15E-09	U			1.56E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.18E-07±1.17E-08	U			1.00E-08	µCi/mL	GP	EPIA-004
0	Technetium-99	6.07E-08±8.21E-09	U			9.68E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	7.18E-09±5.36E-09	R		4	6.06E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	2.02E-09±1.18E-09	J	I		1.76E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	5.95E-10±5.05E-10	U			6.94E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.61E-10±1.62E-10	U			7.64E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.13E-03±4.10E-05	U			3.29E-06	µCi/mL	GP	EPIA-002
2	Uranium-233/234	1.79E-07±2.91E-08	U			2.85E-09	µCi/mL	GP	EPIA-011
2	Uranium-235	1.88E-08±6.79E-09	U			2.86E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	2.74E-07±4.10E-08	U			3.36E-09	µCi/mL	GP	EPIA-011

WELL FEX 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4
 Sp. conductance: 819 µS/cm
 Turbidity: 3 NTU

The well was continuously pumping.

Time: 13:44
 Water temperature: 26.2°C
 Air temperature: 37.2°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	21,800				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	365				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	JU	L	I	1.00	µg/L	GE	EPA8260B
1	Beryllium, total recoverable	2.26				0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	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	2.32	J	I		5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	3,260				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	1,470				100	µg/L	GE	EPA9056
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	<2.26	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	46.4				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	24.5				5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	L	I	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

ESH-EMS-2000406

Well FEX 11 collected on 06/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	24.5	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	1,750				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	1,130				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	0.0809	J	I		0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	21.7				5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	89,000				2,500	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	56,200				213	µg/L	GE	EPA6010B
0	Silicon	26,400				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	50,900				100	µg/L	GE	EPA6010B
0	Sulfate	4,970				200	µg/L	GE	EPA9056
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	<5.00	U			5.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	20.0	J	I		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	12.6				1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	45.1				5.00	µg/L	GE	EPA6010B
0	Actinium-228	2.66E-08±1.15E-08	J	I		9.05E-09	µCi/mL	GP	EPIA-013
2	Americium-241	4.17E-08±8.39E-09				6.99E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	1.19E-10±4.28E-09	U			7.25E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	8.93E-09±1.16E-08				2.22E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.67E-08±6.46E-09	R		4	8.97E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	4.96E-08±2.58E-08	J	I		4.14E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	-1.44E-10±1.43E-09	U			2.26E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.97E-08±4.96E-09				2.63E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.97E-09±2.91E-09	U			3.37E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			7.83E-10	µCi/mL	GP	EPIA-011
2	Curium-243/244	4.01E-08±8.17E-09				7.00E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.35E-09±1.22E-09	R		4	8.11E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-2.82E-09±4.40E-09	U			7.15E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-6.68E-10±3.95E-09	U			6.97E-09	µCi/mL	GP	EPIA-013
0	Europium-155	5.54E-10±4.73E-09	U			8.30E-09	µCi/mL	GP	EPIA-013
2	Gross alpha	6.68E-07±1.04E-08				1.22E-09	µCi/mL	GP	EPIA-001
2	Iodine-129	5.68E-08±2.07E-08	J	I		2.17E-08	µCi/mL	GP	EPIA-006
0	Lead-212	2.82E-09±4.05E-09	U			4.39E-09	µCi/mL	GP	EPIA-013
2	Nonvolatile beta	6.57E-07±7.60E-09				2.02E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	3.62E-10±9.90E-10	U			2.29E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.55E-10±1.56E-10	U			1.22E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	4.29E-09±2.91E-08	R		4	2.25E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	8.96E-10±1.95E-09	U			3.42E-09	µCi/mL	GP	EPIA-013
2	Radium-226	2.21E-08±4.42E-09				2.05E-09	µCi/mL	GP	EPIA-008
0	Radium-228	1.26E-10±4.54E-10	U			9.34E-10	µCi/mL	GP	EPIA-009
2	Strontium-90	1.28E-07±1.27E-08				1.10E-08	µCi/mL	GP	EPIA-004
0	Technetium-99	5.58E-08±7.81E-09				9.40E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	1.05E-09±2.73E-09	U			3.35E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	2.31E-10±6.49E-10	U			1.35E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	1.16E-10±2.34E-10	U			4.91E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.56E-10±2.21E-10	U			2.34E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.42E-03±4.66E-05				3.53E-06	µCi/mL	GP	EPIA-002
2	Uranium-233/234	1.84E-07±3.22E-08				4.61E-09	µCi/mL	GP	EPIA-011
1	Uranium-235	1.38E-08±6.36E-09	J	I		3.52E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	4.43E-07±6.61E-08				3.51E-09	µCi/mL	GP	EPIA-011

B-109

Second Quarter 2000

WELL FIN 2TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
Depth to water: Not available
Water elevation: Not available
pH: 3.8
Sp. conductance: 915 µS/cm
Turbidity: 0 NTU
The well was continuously pumping.

Time: 13:39
Water temperature: 20.6°C
Air temperature: 26.8°C
Total alkalinity (as CaCO₃): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1.760				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	3.73				3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	27.4				2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.182	J	I		0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<0.990	U			0.990	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	<1.19	U	V		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	<3.13	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	9.68				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	3.69				2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
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	69.7	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<0.611	U	V		2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	0.200				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<2.97	U	V		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	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<2.66		V		3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.765	JU	LV	I	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
1	Thallium, total recoverable	1.17				0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			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	0.541	J	IK	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<6.79	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	5.86	J	I		10.0	µg/L	GE	EPA6020
0	Actinium-228	5.53E-09±5.29E-09	U			1.00E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	6.73E-10±9.73E-10	U			1.23E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.77E-09±3.77E-10	U			1.21E-10	µCi/mL	GP	EPIA-011
0	Americium-241	1.88E-09±4.02E-10	U			1.30E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-1.97E-09±3.62E-09	U			6.21E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-3.16E-10±4.18E-09	U			7.06E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	3.49E-08±6.21E-09	U			8.63E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	-4.13E-09±9.81E-09	U			1.64E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-8.05E-09±1.05E-08	U			1.76E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	3.15E-10±1.76E-09	U			2.05E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.58E-10±1.65E-09	U			2.84E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.41E-09±1.91E-09	U			2.29E-09	µCi/mL	GP	EPIA-013

Well FIN 2TK collected on 04/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cesium-137	-1.59E-11±1.67E-09	U			3.00E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.00E-09±1.37E-09	U			2.11E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-5.00E-10±1.30E-09	U			2.24E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-8.51E-11±1.53E-09	U			2.79E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	7.62E-10±1.48E-09	U			2.96E-09	µCi/mL	GP	EPIA-013
0	Curium-242	5.02E-11±5.82E-11	U			5.02E-11	µCi/mL	GP	EPIA-011
0	Curium-242	0.00E+00±7.16E-11	U			1.72E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.01E-09±5.20E-10	U			4.76E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.80E-09±5.14E-10	U			1.62E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.47E-10±1.17E-10	U	V		1.41E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.38E-10±1.05E-10	U	V		5.91E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-1.10E-09±4.02E-09	U			7.06E-09	µCi/mL	GP	EPIA-013
0	Europium-152	1.76E-09±4.44E-09	U			7.77E-09	µCi/mL	GP	EPIA-013
0	Europium-154	4.29E-09±3.86E-09	U			7.97E-09	µCi/mL	GP	EPIA-013
0	Europium-154	8.32E-09±4.29E-09	R		4	7.40E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.48E-09±5.37E-09	U			9.33E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-2.70E-10±5.69E-09	U			1.00E-08	µCi/mL	GP	EPIA-013
2	Iodine-129	1.73E-08±7.56E-09	J	I		4.80E-09	µCi/mL	GP	EPIA-006
0	Lead-212	4.74E-09±2.76E-09	U			4.93E-09	µCi/mL	GP	EPIA-013
0	Lead-212	6.21E-09±4.61E-09	R		4	5.78E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	2.23E-10±1.66E-09	U			2.57E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	5.36E-10±1.53E-09	U			2.84E-09	µCi/mL	GP	EPIA-013
0	Plutonium-238	4.35E-11±1.77E-10	U			5.21E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	1.43E-10±2.04E-10	U			2.14E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	6.36E-11±1.72E-10	U			4.42E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.09E-10±2.09E-10	U			4.45E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	1.57E-08±3.10E-08	U			2.42E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	2.76E-08±2.00E-08	U			4.08E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	4.07E-11±1.28E-09	U			2.25E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-5.58E-10±1.51E-09	U			2.61E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-8.98E-10±1.77E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.03E-09±2.16E-09	U			3.78E-09	µCi/mL	GP	EPIA-013
0	Radium-226	1.92E-09±7.67E-10	U			2.16E-10	µCi/mL	GP	EPIA-008
0	Radium-226	2.03E-09±7.94E-10	U			2.20E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.21E-09±4.98E-10	J	I		9.10E-10	µCi/mL	GP	EPIA-009
0	Radium-228	1.53E-09±7.40E-10	J	I		1.39E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-3.90E-10±1.33E-08	U			2.06E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.05E-09±1.46E-08	U			2.62E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.54E-09±1.38E-09	U			2.85E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	2.97E-09±1.52E-09	R		4	2.49E-09	µCi/mL	GP	EPIA-013
2	Strontium-89/90	1.52E-08±1.37E-09	U			1.02E-09	µCi/mL	GP	EPIA-004
2	Strontium-89/90	1.70E-08±1.60E-09	U			1.33E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1.61E-08±9.15E-09	U			1.86E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	1.15E-08±8.72E-09	U			1.86E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-1.02E-10±3.40E-10	U			8.02E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	-4.56E-11±1.81E-10	U			4.57E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.42E-10±2.69E-10	U			3.66E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.28E-10±1.79E-10	U	V		2.19E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.14E-10±1.33E-10	U			1.14E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.00E+00±2.00E-09	U			8.57E-11	µCi/mL	GP	EPIA-012
1	Uranium-233/234	1.25E-08±2.85E-09	U			7.29E-10	µCi/mL	GP	EPIA-011
1	Uranium-233/234	1.25E-08±3.01E-09	U			1.73E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	9.22E-10±6.30E-10	J	I		6.02E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.01E-09±8.02E-10	U			1.26E-09	µCi/mL	GP	EPIA-011
2	Uranium-238	2.38E-08±4.59E-09	U			6.70E-10	µCi/mL	GP	EPIA-011
2	Uranium-238	2.39E-08±4.77E-09	U			9.16E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-2.21E-10±1.82E-09	U			2.82E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.82E-10±1.82E-09	U			3.46E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.96E-09±2.92E-09	U			5.41E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.86E-09±3.64E-09	U			6.00E-09	µCi/mL	GP	EPIA-013

WELL FIN 2TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
Depth to water: Not available
Water elevation: Not available
pH: 3.2
Sp. conductance: 1,170 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 11:55
Water temperature: 23.2°C
Air temperature: 31.8°C
Total alkalinity (as CaCO₃): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

Well FIN 2TK collected on 05/08/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	290				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<0.285	JU	I	4	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	20.3				2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	J	Y		1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.0440	J	I		0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Cadmium, total recoverable	<0.222	U	V		1.00	µg/L	GE	EPA6020
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	4.79	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	Y		5.00	µg/L	GE	EPA9012A
0	Cyanide	<5.00	U	Y		5.00	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<2.06	U	Y		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
1	Iron, total recoverable	155	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	0.178	J	I		0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<1.43	JU	I	4	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	<1.16	JU	I	4	3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	JU	L		1.00	µg/L	GE	EPA6020
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	0.608	U	I		1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<0.301	U	V		0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	0.542	U	I		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	4.27	J	I		10.0	µg/L	GE	EPA6020
0	Actinium-228	5.54E-09±6.59E-09	U			1.31E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	9.59E-09±7.15E-09	U			1.48E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.91E-09±1.96E-09	U			3.40E-09	µCi/mL	GP	EPIA-011
0	Americium-241	1.41E-09±1.01E-09	J	I		5.27E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	1.43E-09±5.21E-09	U			9.16E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.16E-09±5.05E-09	U			8.50E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.31E-08±1.32E-08	U			2.21E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	1.59E-09±1.27E-08	U			2.27E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-8.63E-09±1.26E-08	U			2.13E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	5.29E-10±1.83E-09	U			3.05E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-9.17E-10±2.06E-09	U			3.58E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.89E-09±1.89E-09	U			3.06E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-3.50E-10±2.41E-09	U			3.77E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-6.32E-10±1.56E-09	U			2.71E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-9.27E-11±1.56E-09	U			2.76E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.04E-09±1.84E-09	U			3.81E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	8.12E-10±1.82E-09	U			3.43E-09	µCi/mL	GP	EPIA-013
0	Curium-242	4.45E-10±1.41E-09	U			3.46E-09	µCi/mL	GP	EPIA-011
0	Curium-242	-4.52E-11±9.07E-11	U			9.95E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.77E-09±2.70E-09	U			5.60E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.46E-09±1.08E-09	U	V		1.22E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	8.25E-10±1.30E-09	U			2.51E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.55E-10±4.20E-10	U			1.08E-09	µCi/mL	GP	EPIA-011

Well FIN 2TK collected on 05/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Europium-152	-2.80E-09±5.49E-09	U			9.04E-09	µCi/mL	GP	EPIA-013
0	Europium-152	2.20E-09±5.38E-09	U			9.62E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.01E-09±4.96E-09	U			8.95E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-9.72E-10±4.21E-09	U			8.00E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.91E-09±6.72E-09	U			1.17E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-2.85E-09±7.36E-09	U			1.28E-08	µCi/mL	GP	EPIA-013
2	Iodine-129	1.17E-08±2.27E-09				9.24E-10	µCi/mL	GP	EPIA-006
2	Iodine-129	1.10E-08±2.81E-09				1.77E-09	µCi/mL	GP	EPIA-006
2	Iodine-129	1.17E-08±2.27E-09				9.24E-10	µCi/mL	GP	EPIA-006
0	Lead-212	2.31E-09±8.27E-09	U			5.39E-09	µCi/mL	GP	EPIA-013
0	Lead-212	6.87E-09±3.57E-09	R		4	6.68E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-6.31E-10±1.62E-09	U			2.81E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	4.21E-10±2.10E-09	U			3.87E-09	µCi/mL	GP	EPIA-013
0	Plutonium-238	1.15E-09±1.47E-09	U			2.78E-09	µCi/mL	GP	EPIA-011
0	Plutonium-238	5.71E-10±1.68E-09	U			3.82E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.26E-10±1.80E-10	U			1.64E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-4.60E-10±3.18E-10	U			2.10E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	4.34E-08±2.60E-08	U			5.54E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	1.44E-08±3.00E-08	U			2.91E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.52E-10±1.85E-09	U			2.93E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.18E-10±1.88E-09	U			3.40E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.49E-09±2.32E-09	U			4.38E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.38E-09±2.38E-09	U			4.35E-09	µCi/mL	GP	EPIA-013
0	Radium-226	8.56E-10±4.65E-10	J	I		1.78E-10	µCi/mL	GP	EPIA-008
0	Radium-226	8.20E-10±5.36E-10	J	I		6.35E-10	µCi/mL	GP	EPIA-008
0	Radium-228	7.35E-11±1.24E-09	U			2.76E-09	µCi/mL	GP	EPIA-009
0	Radium-228	1.64E-09±1.21E-09	U			2.43E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	2.26E-09±1.56E-08	U			2.89E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.14E-08±1.88E-08	U			3.19E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-7.14E-10±1.78E-09	U			3.21E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-3.28E-10±1.51E-09	U			2.88E-09	µCi/mL	GP	EPIA-013
2	Strontium-89/90	4.85E-08±6.56E-09				5.42E-09	µCi/mL	GP	EPIA-004
2	Strontium-89/90	5.13E-08±7.17E-09				5.83E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	5.13E-09±8.94E-09	U			2.07E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	2.45E-11±4.53E-10	U			1.13E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	1.18E-10±1.93E-10	U			3.53E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	5.09E-11±1.38E-10	U			3.53E-10	µCi/mL	GP	EPIA-012
0	Uranium-233/234	1.46E-09±1.05E-09	J	I		1.07E-09	µCi/mL	GP	EPIA-011
0	Uranium-233/234	2.45E-09±1.30E-09	J	I		4.91E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	3.02E-10±4.94E-10	U			9.07E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	2.89E-10±4.72E-10	U			8.66E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	3.30E-09±1.60E-09	J	I		1.19E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	3.76E-09±1.64E-09	J	I		4.91E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	3.81E-10±1.71E-09	U			3.56E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	2.74E-10±1.82E-09	U			3.77E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.82E-10±4.36E-09	U			6.83E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.31E-09±4.08E-09	U			7.03E-09	µCi/mL	GP	EPIA-013

WELL FIN 2TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.8
 Sp. conductance: 895 µS/cm
 Turbidity: 3 NTU
 The well was continuously pumping.

Time: 11:37
 Water temperature: 24.8°C
 Air temperature: 36.6°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	1,960				15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.125	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.24	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	36.1				2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.165	J	I		0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<0.971	JU	Q		0.971	µg/L	GE	EPA8270
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	<0.624	JU	I	4	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

Well FIN 2TK collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	<1.47	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	12.5				1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	3.78				2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	JU	L	I	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	97.6	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	0.273				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	2.92				2.00	µg/L	GE	EPA6020
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<1.96	U	V		3.00	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
1	Thallium, total recoverable	1.08				0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<0.321	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	0.582	J	I		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<2.85	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	6.89	J	I		10.0	µg/L	GE	EPA6020
0	Actinium-228	1.45E-08±6.72E-09	R		4	1.36E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	1.31E-08±6.41E-09	R		4	1.27E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	1.31E-08±6.41E-09	R		4	1.27E-08	µCi/mL	GP	EPIA-013
0	Americium-241	2.55E-09±1.36E-09	J	I		1.02E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	4.07E-09±4.07E-09	U			7.78E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-9.29E-11±4.21E-09	U			7.21E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-9.29E-11±4.21E-09	U			7.21E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	4.94E-09±1.25E-08	U			2.28E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	8.53E-09±6.55E-09	R		4	5.22E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	2.58E-08±2.50E-08	U			4.17E-08	µCi/mL	GP	EPIA-003
0	Cerium-144	2.72E-09±1.16E-08	U			1.99E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-4.65E-09±1.25E-08	U			2.03E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-5.21E-10±1.81E-09	U			2.71E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-6.61E-10±1.56E-09	U			2.32E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-6.61E-10±1.56E-09	U			2.32E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	5.25E-10±1.58E-09	U			2.91E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-8.34E-10±1.47E-09	U			2.50E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-8.34E-10±1.47E-09	U			2.50E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4.19E-10±1.45E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.60E-10±1.65E-09	U			2.72E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.12E-09±1.66E-09	U			2.81E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.06E-09±1.71E-09	U			3.32E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.06E-09±1.71E-09	U			3.32E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			5.19E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.23E-09±1.33E-09	J	I		1.41E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.91E-10±3.83E-10	U			5.73E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-7.86E-10±4.52E-09	U			8.02E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-2.52E-09±4.78E-09	U			7.96E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-2.52E-09±4.78E-09	U			7.96E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.13E-09±4.34E-09	U			7.89E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-5.53E-09±4.53E-09	U			7.00E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-5.53E-09±4.53E-09	U			7.00E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.06E-09±8.07E-09	U			1.11E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-3.62E-10±6.89E-09	U			1.14E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-3.62E-10±6.89E-09	U			1.14E-08	µCi/mL	GP	EPIA-013
2	Iodine-129	8.78E-08±2.27E-08	U			1.73E-08	µCi/mL	GP	EPIA-006
0	Lead-212	5.36E-09±3.37E-09	U			5.98E-09	µCi/mL	GP	EPIA-013
0	Lead-212	3.34E-09±4.80E-09	U			4.85E-09	µCi/mL	GP	EPIA-013
0	Lead-212	3.34E-09±4.80E-09	U			4.85E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.16E-09±1.66E-09	U			2.32E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.06E-10±1.57E-09	U			2.72E-09	µCi/mL	GP	EPIA-013

Well FIN 2TK collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Plutonium-238	1.30E-10±2.57E-10	U			5.34E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.30E-10±2.57E-10	U			5.34E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	5.19E-08±1.94E-08	R		4	2.45E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	3.33E-08±2.37E-08	R		4	2.63E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	3.33E-08±2.37E-08	R		4	2.63E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	8.68E-10±1.50E-09	U			2.80E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	3.85E-11±1.60E-09	U			2.83E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-4.38E-10±1.96E-09	U			3.46E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-8.26E-11±2.06E-09	U			3.51E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-8.26E-11±2.06E-09	U			3.51E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.19E-08±3.39E-09				2.43E-09	µCi/mL	GP	EPIA-008
0	Radium-228	1.30E-09±4.67E-10	J	I		8.16E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	5.28E-09±1.41E-08	U			2.59E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	4.04E-09±1.47E-08	U			2.66E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-3.94E-10±1.56E-09	U			2.83E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.97E-09±1.62E-09	U			2.51E-09	µCi/mL	GP	EPIA-013
2	Strontium-89/90	3.18E-08±2.76E-09				2.21E-09	µCi/mL	GP	EPIA-004
2	Strontium-89/90	3.11E-08±2.59E-09				1.93E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	4.18E-08±7.72E-09				1.11E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	3.63E-10±3.02E-09	U			3.42E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	2.08E-10±5.22E-10	U			1.10E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	7.45E-11±1.49E-10	U			2.23E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-3.57E-11±7.17E-11	U			4.63E-10	µCi/mL	GP	EPIA-012
2	Uranium-233/234	2.11E-08±2.81E-09				4.67E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.85E-09±5.51E-10				4.00E-10	µCi/mL	GP	EPIA-011
2	Uranium-238	3.83E-08±4.68E-09				3.58E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.70E-10±1.73E-09	U			3.32E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	5.52E-10±1.85E-09	U			3.53E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.41E-09±3.89E-09	U			5.94E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	4.18E-09±3.55E-09	U			6.57E-09	µCi/mL	GP	EPIA-013

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 76.54 ft (23.33 m) below TOC
 Water elevation: 217.66 ft (66.34 m) msl
 pH: 4.8
 Sp. conductance: 83 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 40 gal

Time: 11:23
 Water temperature: 19.6°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
2	Aluminum, total recoverable	312				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.303				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.773	JU		4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	41.3	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.57	J	I		2.00	µg/L	GE	EPA6020
1	Nitrate-nitrite as nitrogen	8,550				250	µg/L	GE	EPA353.1
0	pH	4.51	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	89.1				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.42E-08±2.31E-09				1.41E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	9.23E-09±1.53E-09				1.96E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.36E-04±2.99E-06				7.12E-07	µCi/mL	ML	EPIA-002

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 139.16 ft (42.42 m) below TOC
 Water elevation: 154.74 ft (47.17 m) msl
 pH: 6.6
 Sp. conductance: 117 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 191 gal

Time: 11:01
 Water temperature: 19.4°C
 Air temperature: 18.9°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	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.157	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020

Well FSB 76A collected on 04/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
1	Lead, total recoverable	38.6				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	20.0	J	I		50.0	µg/L	GE	EPA353.1
0	pH	6.65	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	114				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.26E-10±6.03E-10	U			1.41E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.72E-09±9.04E-10	J	I		1.48E-09	µCi/mL	ML	EPIA-001
0	Tritium	7.19E-06±7.13E-07				7.06E-07	µCi/mL	ML	EPIA-002

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 142.68 ft (43.49 m) below TOC
 Water elevation: 151.12 ft (46.06 m) msl
 pH: 6.7
 Sp. conductance: 123 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 112 gal

Time: 10:51
 Water temperature: 19.2°C
 Air temperature: 15.6°C
 Total alkalinity (as CaCO₃): 51 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	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.463	JU		4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	25.9	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.547	JU		4	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	530				50.0	µg/L	GE	EPA353.1
0	pH	6.87	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	126				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.54E-10±5.87E-10	U			1.03E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.26E-09±7.61E-10	U			1.48E-09	µCi/mL	ML	EPIA-001
0	Tritium	3.96E-06±6.24E-07				7.06E-07	µCi/mL	ML	EPIA-002

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 80.45 ft (24.52 m) below TOC
 Water elevation: 213.15 ft (64.97 m) msl
 pH: 6.6
 Sp. conductance: 47 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 131 gal

Time: 12:32
 Water temperature: 21.3°C
 Air temperature: 30.1°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	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Aluminum, total recoverable	16.3	J	I		146	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	0.0860	J	I		0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<0.536	JU	V	4	1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<7.50	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<2.80	U	V		2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	<1,220	U		6	50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,400				200	µg/L	WA	EPA353.2
0	pH	5.95	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.91	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	48.6				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	46.3				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	1.01E-09±6.70E-10	J	I		8.80E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	6.70E-10±4.20E-10	J	I		4.50E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	5.73E-10±3.41E-10	J	I		4.52E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-5.70E-10±9.20E-10	U			1.50E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	6.50E-10±8.70E-10	U			1.32E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.16E-10±5.31E-10	U			1.15E-09	µCi/mL	ML	EPIA-001
0	Tritium	2.60E-06±4.80E-07				6.00E-07	µCi/mL	TM	EPA906.0M
0	Tritium	2.83E-06±5.00E-07				6.10E-07	µCi/mL	TM	EPA906.0M
2	Tritium	2.33E-03±9.59E-06				5.60E-07	µCi/mL	ML	EPIA-002

ESH-EMS-2000406

WELL FSB 76C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 80.45 ft (24.52 m) below TOC
 Water elevation: 213.15 ft (64.97 m) msl
 pH: 6.6
 Sp. conductance: 47 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 131 gal

Time: 12:32
 Water temperature: 21.3°C
 Air temperature: 30.1°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
2	Aluminum, total recoverable	60.1				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0920	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.534	JU	V	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.11	U	V		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,300				50.0	µg/L	GE	EPA353.1
0	pH	6.04	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	48.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.81E-10±3.46E-10	J	I		4.58E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.18E-10±5.25E-10	U			1.15E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.45E-06±4.49E-07				5.51E-07	µCi/mL	ML	EPIA-002

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 60.83 ft (18.54 m) below TOC
 Water elevation: 212.47 ft (64.76 m) msl
 pH: 4
 Sp. conductance: 289 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 58 gal

Time: 12:36
 Water temperature: 21.2°C
 Air temperature: 28.8°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				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.195	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.22	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	62.6				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.01	JU	V	4	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	28,300				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	29,000				1,250	µg/L	GE	EPA353.1
0	pH	4.03	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	304				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	307				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.19E-07±8.46E-09				2.53E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.83E-07±5.87E-09				1.92E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.00E-03±1.96E-05				2.39E-06	µCi/mL	GP	EPIA-002

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 66.71 ft (20.33 m) below TOC
 Water elevation: 205.89 ft (62.76 m) msl
 pH: 3.5
 Sp. conductance: 998 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 34 gal

Time: 10:31
 Water temperature: 21.2°C
 Air temperature: 31.1°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	19,300				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.02				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	10.2				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	206				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.528	JU	V	4	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	115,000				5,000	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	111,000				5,000	µg/L	GE	EPA353.1

B-113

Second Quarter 2000

Well FSB 78 collected on 04/03/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	pH	3.45	J	Q	0.100		pH	GE	EPA9040B
2	Specific conductance	1,010			1.00		µS/cm	GE	EPA9050A
2	Gross alpha	7.90E-07±3.84E-08			5.03E-09		µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.44E-06±3.16E-08			6.30E-09		µCi/mL	GP	EPIA-001
2	Tritium	5.26E-03±1.03E-09			6.27E-06		µCi/mL	GP	EPIA-002

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 117.02 ft (35.67 m) below TOC
 Water elevation: 155.58 ft (47.42 m) msl
 pH: 6.6
 Sp. conductance: 101 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 195 gal

Time: 13:57
 Water temperature: 20.6°C
 Air temperature: 27.2°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	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200	U		0.200		µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.575	JU		1.00		µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.606	JU		2.00		µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	270			50.0		µg/L	GE	EPA353.1
0	pH	6.53	J	Q	0.100		pH	GE	EPA9040B
0	Specific conductance	105			1.00		µS/cm	GE	EPA9050A
0	Gross alpha	7.07E-10±6.41E-10	U		1.07E-09		µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.92E-09±7.82E-10	J	I	1.34E-09		µCi/mL	ML	EPIA-001
1	Tritium	1.50E-05±8.92E-07			7.07E-07		µCi/mL	ML	EPIA-002

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 118.95 ft (36.26 m) below TOC
 Water elevation: 153.85 ft (46.89 m) msl
 pH: 6.7
 Sp. conductance: 252 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 120 gal

Time: 13:46
 Water temperature: 20°C
 Air temperature: 25.4°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	Aluminum, total recoverable	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200	U		0.200		µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.556	JU		1.00		µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.459	JU		2.00		µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	12,500			250		µg/L	GE	EPA353.1
0	pH	7.41	J	Q	0.100		pH	GE	EPA9040B
1	Specific conductance	261			1.00		µS/cm	GE	EPA9050A
0	Gross alpha	1.44E-09±7.08E-10	J	I	8.65E-10		µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.79E-09±9.31E-10			1.05E-09		µCi/mL	ML	EPIA-001
2	Tritium	3.60E-04±3.67E-06			7.13E-07		µCi/mL	ML	EPIA-002

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 69.58 ft (21.21 m) below TOC
 Water elevation: 203.92 ft (62.16 m) msl
 pH: 4.1
 Sp. conductance: 2,251 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:40
 Water temperature: 20.6°C
 Air temperature: 18.5°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): VX

ANALYSES

Well FSB 78C collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	22,600			50.0		µg/L	GE	EPA6010B
2	Beryllium, total recoverable	28.6			0.200		µg/L	GE	EPA6020
2	Cadmium, total recoverable	22.1			1.00		µg/L	GE	EPA6020
0	Iron, total recoverable	138			50.0		µg/L	GE	EPA6010B
1	Lead, total recoverable	33.5			2.00		µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	284,000		Y	5,000		µg/L	GE	EPA353.1
0	pH	4.20	J	Q	0.100		pH	GE	EPA9040B
2	Specific conductance	2,270	J	Q	1.00		µS/cm	GE	EPA9050A
2	Gross alpha	2.99E-07±8.89E-09			1.60E-09		µCi/mL	GP	EPIA-001
2	Nonvolatile beta	9.82E-07±8.94E-09			1.98E-09		µCi/mL	GP	EPIA-001
2	Tritium	1.04E-02±2.01E-04			9.48E-06		µCi/mL	GP	EPIA-002
2	Tritium	1.04E-02±2.00E-04			9.35E-06		µCi/mL	GP	EPIA-002

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 21.95 ft (6.69 m) below TOC
 Water elevation: 195.85 ft (59.7 m) msl
 pH: 3.6
 Sp. conductance: 704 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 76 gal

Time: 12:00
 Water temperature: 19.1°C
 Air temperature: 30.3°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
2	Aluminum, total recoverable	19,500			50.0		µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.41			0.200		µg/L	GE	EPA6020
2	Cadmium, total recoverable	10.9			1.00		µg/L	GE	EPA6020
1	Iron, total recoverable	223			50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.596	JU	V	2.00		µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	80,500			2,500		µg/L	GE	EPA353.1
1	pH	3.66	J	Q	0.100		pH	GE	EPA9040B
2	Specific conductance	763			1.00		µS/cm	GE	EPA9050A
2	Gross alpha	3.58E-07±1.48E-08			1.83E-09		µCi/mL	GP	EPIA-001
2	Nonvolatile beta	9.62E-07±1.31E-08			1.92E-09		µCi/mL	GP	EPIA-001
2	Tritium	2.95E-03±5.71E-05			4.38E-06		µCi/mL	GP	EPIA-002

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 60.67 ft (18.49 m) below TOC
 Water elevation: 157.43 ft (47.99 m) msl
 pH: 6.6
 Sp. conductance: 89 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 229 gal

Time: 15:01
 Water temperature: 20.4°C
 Air temperature: 19.5°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	Aluminum, total recoverable	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200	U		0.200		µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.555	JU		1.00		µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.587	JU		2.00		µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,070			50.0		µg/L	GE	EPA353.1
0	pH	6.51	J	Q	0.100		pH	GE	EPA9040B
0	Specific conductance	88.9			1.00		µS/cm	GE	EPA9050A
0	Gross alpha	1.08E-10±4.59E-10	U		1.04E-09		µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.53E-09±8.20E-10	U		1.56E-09		µCi/mL	ML	EPIA-001
2	Tritium	2.56E-05±1.08E-06			7.02E-07		µCi/mL	ML	EPIA-002

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 60.51 ft (18.44 m) below TOC
 Water elevation: 157.69 ft (48.06 m) msl
 pH: 6.8
 Sp. conductance: 176 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 170 gal

Time: 14:47
 Water temperature: 19.5°C
 Air temperature: 19.8°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	Aluminum, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200		U		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.527		JU	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	3.55				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,930				50.0	µg/L	GE	EPA353.1
0	pH	7.14	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	172				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.10E-09±9.13E-10	U			1.45E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.70E-09±1.13E-09	J	I		1.89E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.41E-05±1.36E-06				7.08E-07	µCi/mL	ML	EPIA-002

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 24.16 ft (7.36 m) below TOC
 Water elevation: 194.24 ft (59.21 m) msl
 pH: 3.6
 Sp. conductance: 1,150 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 70 gal

Time: 11:15
 Water temperature: 19.3°C
 Air temperature: 29.1°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	26,300				50.0	µg/L	GE	EPA6010B
1	Beryllium, total recoverable	3.86				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	18.7				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.857		JU	V	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	154,000			4	5,000	µg/L	GE	EPA353.1
1	pH	3.68	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	1,240				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	3.42E-07±2.56E-08				3.50E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.36E-06±3.08E-08				6.07E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.54E-03±1.27E-09				7.12E-06	µCi/mL	GP	EPIA-002

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 134.49 ft (40.99 m) below TOC
 Water elevation: 153.31 ft (46.73 m) msl
 pH: 6.6
 Sp. conductance: 95 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 194 gal

Time: 14:38
 Water temperature: 20.3°C
 Air temperature: 21.2°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	Aluminum, total recoverable	<43.2		U	V	50.0	µg/L	GE	EPA6010B
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	Iron, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.268		JU	4	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	140		J	L	50.0	µg/L	GE	EPA353.1
0	pH	6.71	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	100				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	101				1.00	µS/cm	GE	EPA9050A

ESH-EMS-2000406

Well FSB 87A collected on 04/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-1.44E-09±1.49E-09	JU	L	I	9.20E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.36E-09±1.70E-09	U			6.65E-09	µCi/mL	ML	EPIA-001
0	Tritium	3.10E-06±4.65E-07				4.65E-07	µCi/mL	ML	EPIA-002

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 137.35 ft (41.86 m) below TOC
 Water elevation: 150.15 ft (45.77 m) msl
 pH: 5.8
 Sp. conductance: 112 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 98 gal

Time: 13:59
 Water temperature: 20.8°C
 Air temperature: 22.7°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	Aluminum, total recoverable	<51.0		U	V	50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0470		J	I	0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.129		JU		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	3.66				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	11,800	J	L	I	1,250	µg/L	GE	EPA353.1
0	pH	6.00	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	118				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.62E-09±3.07E-09	JU	L	I	9.16E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.67E-09±2.27E-09	U			6.69E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.71E-04±2.52E-06				4.63E-07	µCi/mL	ML	EPIA-002

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 78.88 ft (24.04 m) below TOC
 Water elevation: 208.62 ft (63.59 m) msl
 pH: 5.7
 Sp. conductance: 185 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 118 gal

Time: 13:42
 Water temperature: 20°C
 Air temperature: 23.5°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	Aluminum, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.107		J	I	0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.39				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<49.1		U	V	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	11.9				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	20,000	J	L	I	1,250	µg/L	GE	EPA353.1
0	pH	5.80	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	185				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.26E-09±2.19E-09	JU	L	I	9.36E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.05E-08±3.46E-09				6.65E-09	µCi/mL	ML	EPIA-001
2	Tritium	9.37E-04±5.84E-06				4.60E-07	µCi/mL	ML	EPIA-002

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 74.52 ft (22.71 m) below TOC
 Water elevation: 212.78 ft (64.86 m) msl
 pH: 5.1
 Sp. conductance: 537 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:33
 Water temperature: 21.4°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	Aluminum, total recoverable	2,270				50.0	µg/L	GE	EPA6010B

B-115

Second Quarter 2000

Well FSB 87D collected on 04/03/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,950				146	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	0.170	J	I		0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.170	J	I		1.60	µg/L	WA	EPA6010B
1	Cadmium, total recoverable	2.92				1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.80	J	I		4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	41.6	J	I		50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<43.3	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	4.21				2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
2	Nitrate-nitrite as nitrogen	62,000				2,500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	73,700				2,000	µg/L	WA	EPA353.2
0	pH	4.23	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.17	J	Q		0.100	pH	WA	EPA9040B
2	Specific conductance	644				1.00	µS/cm	GE	EPA9050A
2	Specific conductance	600				8.90	µS/cm	WA	EPA9050A
2	Gross alpha	1.20E-07±6.28E-09				1.56E-09	µCi/mL	TM	EPA900.0M
2	Gross alpha	6.28E-08±4.05E-09				6.49E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	9.51E-08±3.41E-09				1.97E-09	µCi/mL	TM	EPA900.0M
2	Nonvolatile beta	8.06E-08±2.63E-09				1.27E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.53E-03±1.68E-05				1.01E-06	µCi/mL	TM	EPA906.0M
2	Tritium	4.29E-04±4.17E-06				5.71E-07	µCi/mL	ML	EPIA-002

WELL FSB 87D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 74.52 ft (22.71 m) below TOC
 Water elevation: 212.78 ft (64.86 m) msl
 pH: 5.1
 Sp. conductance: 537 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:33
 Water temperature: 21.4°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	Aluminum, total recoverable	2,170				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.164	J	I		0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	3.25				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	100				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	4.23				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	65,500				2,500	µg/L	GE	EPA353.1
0	pH	4.28	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	640				1.00	µS/cm	GE	EPA9050A
2	Specific conductance	642				1.00	µS/cm	WA	EPA9050A
2	Gross alpha	7.21E-08±3.93E-09				6.75E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	6.64E-08±2.32E-09				1.09E-09	µCi/mL	ML	EPIA-001
0	Tritium	4.86E-07±4.07E-07	U			5.53E-07	µCi/mL	ML	EPIA-002

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 70.05 ft (21.35 m) below TOC
 Water elevation: 212.95 ft (64.91 m) msl
 pH: 5.9
 Sp. conductance: 50 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 108 gal

Time: 12:12
 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	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0420	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.522	JU		4	1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	162				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.517	JU		4	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,740				50.0	µg/L	GE	EPA353.1
0	pH	5.64	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	50.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.62E-09±9.12E-10	J	I		9.06E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.95E-09±8.52E-10	J	I		1.52E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.45E-05±1.07E-06				7.09E-07	µCi/mL	ML	EPIA-002

ESH-EMS-2000406

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 65.52 ft (19.97 m) below TOC
 Water elevation: 216.88 ft (66.11 m) msl
 pH: 3.9
 Sp. conductance: 345 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 22 gal

Time: 10:28
 Water temperature: 20.2°C
 Air temperature: 16.9°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
2	Aluminum, total recoverable	7,400				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.654	J	K	I	0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.882	JU		4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	135				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	3.81				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	35,500				1,250	µg/L	GE	EPA353.1
1	pH	3.98	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	313				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	3.90E-07±1.45E-08				1.50E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.05E-07±7.54E-09				1.75E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.35E-04±1.25E-05				1.80E-06	µCi/mL	GP	EPIA-002

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 68.95 ft (21.02 m) below TOC
 Water elevation: 212.35 ft (64.73 m) msl
 pH: 5.9
 Sp. conductance: 56 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 111 gal

Time: 12:58
 Water temperature: 19.7°C
 Air temperature: 15.9°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	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.217				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.637	JU		4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.918	JU		4	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,560				50.0	µg/L	GE	EPA353.1
0	pH	6.10	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	59.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.11E-10±6.47E-10	U			1.41E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.77E-10±7.77E-10	U			1.74E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.47E-05±8.89E-07				7.13E-07	µCi/mL	ML	EPIA-002

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 64.99 ft (19.81 m) below TOC
 Water elevation: 216.21 ft (65.9 m) msl
 pH: 4.1
 Sp. conductance: 288 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 35 gal

Time: 13:39
 Water temperature: 20°C
 Air temperature: 20.3°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
2	Aluminum, total recoverable	6,730				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.256				0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	4.44				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	83.7				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<2.37	U	V		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	24,000				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	23,800				1,250	µg/L	GE	EPA353.1
0	pH	4.00	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	278				1.00	µS/cm	GE	EPA9050A

B-116

Second Quarter 2000

Well FSB 89D collected on 04/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Specific conductance	279			1.00		µS/cm	GE	EPA9050A
2	Gross alpha	2.02E-07±6.95E-09			1.03E-09		µCi/mL	ML	EPIA-001
2	Nonvolatile beta	5.37E-07±6.97E-09			1.18E-09		µCi/mL	ML	EPIA-001
2	Tritium	5.95E-04±4.69E-06			5.02E-07		µCi/mL	ML	EPIA-002

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 67.55 ft (20.59 m) below TOC
 Water elevation: 210.85 ft (64.27 m) msl
 pH: 6.4
 Sp. conductance: 163 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 90 gal

Time: 11:56
 Water temperature: 20.3°C
 Air temperature: 26.1°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
2	Aluminum, total recoverable	103			50.0		µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.441			0.200		µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.736	U	V	1.00		µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.719	U	V	2.00		µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	13,000			250		µg/L	GE	EPA353.1
0	pH	6.27	J	Q	0.100		pH	GE	EPA9040B
0	Specific conductance	172			1.00		µS/cm	GE	EPA9050A
0	Gross alpha	1.63E-09±9.47E-10	J	I	1.57E-09		µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.61E-08±1.31E-09			1.24E-09		µCi/mL	ML	EPIA-001
2	Tritium	4.03E-04±3.92E-06			6.43E-07		µCi/mL	ML	EPIA-002

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.7
 Sp. conductance: 673 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 5 gal

Time: 13:01
 Water temperature: 22.7°C
 Air temperature: 29.2°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	22,000			50.0		µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.44			0.200		µg/L	GE	EPA6020
2	Cadmium, total recoverable	11.0			1.00		µg/L	GE	EPA6020
0	Iron, total recoverable	90.1			50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	24.3			2.00		µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	80,000			2,500		µg/L	GE	EPA353.1
1	pH	3.73	J	Q	0.100		pH	GE	EPA9040B
2	Specific conductance	694			1.00		µS/cm	GE	EPA9050A
2	Gross alpha	5.00E-07±2.14E-08			2.99E-09		µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.49E-06±2.25E-08			3.26E-09		µCi/mL	GP	EPIA-001
2	Tritium	3.03E-03±5.94E-05			4.52E-06		µCi/mL	GP	EPIA-002

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 68.31 ft (20.82 m) below TOC
 Water elevation: 210.99 ft (64.31 m) msl
 pH: 5
 Sp. conductance: 154 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 13:50
 Water temperature: 19.5°C
 Air temperature: 21.5°C
 Total alkalinity (as CaCO₃): 6 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SX

ANALYSES

Well FSB 91C collected on 04/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,590			50.0		µg/L	GE	EPA6010B
1	Beryllium, total recoverable	2.05			0.200		µg/L	GE	EPA6020
1	Cadmium, total recoverable	3.19			1.00		µg/L	GE	EPA6020
0	Iron, total recoverable	28.5	J	I	50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.74	U	V	2.00		µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	13,600			250		µg/L	GE	EPA353.1
0	pH	5.63	J	Q	0.100		pH	GE	EPA9040B
0	Specific conductance	175			1.00		µS/cm	GE	EPA9050A
2	Gross alpha	1.95E-08±2.04E-09			8.75E-10		µCi/mL	ML	EPIA-001
2	Nonvolatile beta	2.38E-07±4.40E-09			1.09E-09		µCi/mL	ML	EPIA-001
2	Tritium	2.46E-04±3.04E-06			5.05E-07		µCi/mL	ML	EPIA-002

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 65.66 ft (20.01 m) below TOC
 Water elevation: 213.54 ft (65.09 m) msl
 pH: 3.6
 Sp. conductance: 1,966 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 63 gal

Time: 13:17
 Water temperature: 20.2°C
 Air temperature: 24.9°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
2	Aluminum, total recoverable	73,000	J	L	I	50.0	µg/L	GE	EPA6010B
1	Beryllium, total recoverable	2.58			0.200		µg/L	GE	EPA6020
2	Cadmium, total recoverable	12.1			1.00		µg/L	GE	EPA6020
0	Iron, total recoverable	34.1	J	IL	I	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	6.08	J	I	10.0		µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	526,000	J	Y	10,000		µg/L	GE	EPA353.1
1	pH	3.61	J	Q	0.100		pH	GE	EPA9040B
2	Specific conductance	1,990			1.00		µS/cm	GE	EPA9050A
2	Gross alpha	8.57E-07±3.77E-08			6.22E-09		µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.53E-06±2.81E-08			6.09E-09		µCi/mL	GP	EPIA-001
2	Tritium	1.25E-02±2.38E-09			1.05E-05		µCi/mL	GP	EPIA-002

WELL FSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 67.03 ft (20.43 m) below TOC
 Water elevation: 208.67 ft (63.6 m) msl
 pH: 5.2
 Sp. conductance: 230 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 88 gal

Time: 12:42
 Water temperature: 20.1°C
 Air temperature: 19.5°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
2	Aluminum, total recoverable	1,050			50.0		µg/L	GE	EPA6010B
1	Beryllium, total recoverable	2.89			0.200		µg/L	GE	EPA6020
1	Cadmium, total recoverable	4.30			1.00		µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U	V	50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.28			2.00		µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	24,500			1,250		µg/L	GE	EPA353.1
0	pH	5.27	J	Q	0.100		pH	GE	EPA9040B
0	pH	5.28	J	Q	0.100		pH	GE	EPA9040B
0	Specific conductance	236			1.00		µS/cm	GE	EPA9050A
2	Gross alpha	1.80E-08±2.25E-09			1.27E-09		µCi/mL	ML	EPIA-001
2	Nonvolatile beta	2.06E-07±4.22E-09			1.17E-09		µCi/mL	ML	EPIA-001
2	Tritium	5.42E-04±4.46E-06			4.99E-07		µCi/mL	ML	EPIA-002

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 65 ft (19.81 m) below TOC
 Water elevation: 210.9 ft (64.28 m) msl
 pH: 3.9
 Sp. conductance: 259 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 23 gal

Time: 10:06
 Water temperature: 19°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
2	Aluminum, total recoverable	6,510				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.632				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	2.40				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	28.6	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.420	JU		4	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	21,000		Y		1,250	µg/L	GE	EPA353.1
1	pH	3.78	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	253				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.24E-07±9.19E-09				1.26E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.01E-07±7.28E-09				1.85E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.91E-04±7.70E-06				1.44E-06	µCi/mL	GP	EPIA-002

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 69.55 ft (21.2 m) below TOC
 Water elevation: 206.65 ft (62.99 m) msl
 pH: 5.5
 Sp. conductance: 146 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 109 gal

Time: 11:14
 Water temperature: 19.7°C
 Air temperature: 19.9°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
1	Aluminum, total recoverable	30.4	J	I		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.784				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.27	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	32.6	J	IK	I	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.81	U	V		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	12,600				250	µg/L	GE	EPA353.1
0	pH	5.17	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	145				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.33E-09±5.19E-10	J	I		4.58E-10	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	3.38E-08±1.70E-09				1.11E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.14E-04±3.95E-06				6.34E-07	µCi/mL	ML	EPIA-002

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 67.28 ft (20.51 m) below TOC
 Water elevation: 208.82 ft (63.65 m) msl
 pH: 3.8
 Sp. conductance: 421 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 14:30
 Water temperature: 20.2°C
 Air temperature: 21.4°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	14,900				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.60				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	12.4				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	258				50.0	µg/L	GE	EPA6010B
2	Lead, total recoverable	105				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	46,000				2,500	µg/L	GE	EPA353.1
0	pH	4.00	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	416				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.15E-07±7.60E-09				1.77E-09	µCi/mL	GP	EPIA-001

ESH-EMS-2000406

Well FSB 93D collected on 04/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Nonvolatile beta	9.18E-07±1.25E-08				1.79E-09	µCi/mL	GP	EPIA-001
2	Tritium	8.46E-04±1.65E-05				2.18E-06	µCi/mL	GP	EPIA-002

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 76.35 ft (23.27 m) below TOC
 Water elevation: 204.75 ft (62.41 m) msl
 pH: 4.1
 Sp. conductance: 2,450 µS/cm
 Turbidity: 12 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 13:35
 Water temperature: 20.7°C
 Air temperature: 26.3°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	14,400	J	L	I	50.0	µg/L	GE	EPA6010B
2	Beryllium, total recoverable	4.60				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	9.36				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	187	J	L	I	50.0	µg/L	GE	EPA6010B
2	Lead, total recoverable	76.5				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	224,000		Y		5,000	µg/L	GE	EPA353.1
0	pH	5.31	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	2,000				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.16E-07±2.95E-08				6.92E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.41E-06±4.89E-08				1.12E-08	µCi/mL	GP	EPIA-001
2	Tritium	1.03E-02±1.97E-09				9.33E-06	µCi/mL	GP	EPIA-002
2	Tritium	1.05E-02±2.00E-09				9.36E-06	µCi/mL	GP	EPIA-002

WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 73.36 ft (22.36 m) below TOC
 Water elevation: 207.14 ft (63.14 m) msl
 pH: 3.5
 Sp. conductance: 382 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 64 gal

Time: 9:15
 Water temperature: 19.7°C
 Air temperature: 11.7°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	9,990				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.686				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	2.03				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	127				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	2.85				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	34,000		Y		2,500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	30,500				2,500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	30,500				2,500	µg/L	GE	EPA353.1
1	pH	3.54	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	389				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.27E-07±1.09E-08				1.26E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.38E-07±8.77E-09				1.56E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.26E-03±2.46E-05				2.71E-06	µCi/mL	GP	EPIA-002

B-118

Second Quarter 2000

WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 81.2 ft (24.75 m) below TOC
 Water elevation: 202.8 ft (61.81 m) msl
 pH: 3.6
 Sp. conductance: 1,946 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 166 gal

Time: 9:35
 Water temperature: 20.5°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	36,700				50.0	µg/L	GE	EPA6010B
2	Beryllium, total recoverable	15.7				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	21.9				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.912	JU	V	4	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	266,000				5,000	µg/L	GE	EPA353.1
1	pH	3.81	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	2,050				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	9.57E-07±4.86E-08				9.22E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.80E-06±3.60E-08				7.16E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.01E-02±1.93E-09				9.22E-06	µCi/mL	GP	EPIA-002

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 76.78 ft (23.4 m) below TOC
 Water elevation: 207.32 ft (63.19 m) msl
 pH: 3.4
 Sp. conductance: 798 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 63 gal

Time: 10:00
 Water temperature: 20.4°C
 Air temperature: 22.3°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	17,100				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.685				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.43	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	129				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	11.1				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	92,000				2,500	µg/L	GE	EPA353.1
1	pH	3.54	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	830				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.01E-06±4.06E-08				5.62E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.32E-07±2.22E-08				5.91E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.97E-03±5.73E-05				4.38E-06	µCi/mL	GP	EPIA-002

WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 128.82 ft (39.26 m) below TOC
 Water elevation: 152.38 ft (46.45 m) msl
 pH: 7.4
 Sp. conductance: 181 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 128 gal

Time: 10:48
 Water temperature: 19.8°C
 Air temperature: 18.7°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	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.574	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.757	U	V		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,860				50.0	µg/L	GE	EPA353.1
0	pH	7.43	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	176				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.47E-09±1.11E-09	J	I		1.52E-09	µCi/mL	ML	EPIA-001

ESH-EMS-2000406

Well FSB 96AR collected on 04/06/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nonvolatile beta	2.98E-09±7.78E-10				1.27E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.35E-05±1.19E-06				6.24E-07	µCi/mL	ML	EPIA-002

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 134.58 ft (41.02 m) below TOC
 Water elevation: 151.52 ft (46.18 m) msl
 pH: 7.2
 Sp. conductance: 264 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 165 gal

Time: 9:52
 Water temperature: 20.6°C
 Air temperature: 24.2°C
 Total alkalinity (as CaCO₃): 76 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	<146	U			146	µg/L	WA	EPA6010B
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	<0.503	JU	V	4	1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<9.80	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<0.767	JU	V	4	2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
2	Nitrate-nitrite as nitrogen	13,900				250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	16,100				400	µg/L	WA	EPA353.2
0	pH	7.20	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.07	J	Q		0.100	pH	WA	EPA9040B
1	Specific conductance	274				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	262				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	2.25E-09±1.16E-09	J	I		1.46E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.58E-09±5.69E-10	J	I		5.64E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	6.16E-09±1.40E-09				1.74E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.53E-09±6.99E-10				1.06E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.88E-04±4.31E-06				6.10E-07	µCi/mL	TM	EPA906.0M
2	Tritium	9.85E-05±2.00E-06				5.58E-07	µCi/mL	ML	EPIA-002

WELL FSB 97A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 134.58 ft (41.02 m) below TOC
 Water elevation: 151.52 ft (46.18 m) msl
 pH: 7.2
 Sp. conductance: 264 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 165 gal

Time: 9:52
 Water temperature: 20.6°C
 Air temperature: 24.2°C
 Total alkalinity (as CaCO₃): 76 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	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.431	JU	V	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.648	JU	V	4	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	14,000				250	µg/L	GE	EPA353.1
0	pH	7.29	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	275				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.90E-09±9.57E-10	J	I		1.26E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	1.12E-09±7.71E-10	U			1.22E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.23E-09±1.46E-09				2.23E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.86E-09±1.17E-09	J	I		2.14E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.02E-04±2.02E-06				5.50E-07	µCi/mL	ML	EPIA-002

B-119

Second Quarter 2000

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 80.16 ft (24.43 m) below TOC
 Water elevation: 205.94 ft (62.77 m) msl
 pH: 3.8
 Sp. conductance: 502 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 88 gal

Time: 10:53
 Water temperature: 20.7°C
 Air temperature: 14.7°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	10,600				50.0	µg/L	GE	EPA6010B
2	Beryllium, total recoverable	4.79				0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	2.82				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	247				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.66	J	I		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	56,500				2,500	µg/L	GE	EPA353.1
0	pH	4.08	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	490				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.74E-07±1.15E-08				1.42E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	2.35E-07±1.11E-08				1.85E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	2.35E-07±1.11E-08				1.85E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.39E-07±8.46E-09				2.43E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.57E-07±8.78E-09				2.46E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.57E-07±8.78E-09				2.46E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.86E-03±3.64E-05				3.39E-06	µCi/mL	GP	EPIA-002

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 77.17 ft (23.52 m) below TOC
 Water elevation: 208.83 ft (63.65 m) msl
 pH: 4.3
 Sp. conductance: 326 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 2 gal

Time: 10:20
 Water temperature: 19.2°C
 Air temperature: 29°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	8,200				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.938				0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	3.09				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	482				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	18.8				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	33,500				2,500	µg/L	GE	EPA353.1
0	pH	4.11	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	321				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.15E-07±1.07E-08				1.62E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.43E-07±8.88E-09				1.58E-09	µCi/mL	GP	EPIA-001
2	Tritium	7.16E-04±1.41E-05				2.00E-06	µCi/mL	GP	EPIA-002

WELL FSB 98AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 133.19 ft (40.6 m) below TOC
 Water elevation: 150.81 ft (45.97 m) msl
 pH: 6.9
 Sp. conductance: 157 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 131 gal

Time: 10:08
 Water temperature: 20.5°C
 Air temperature: 22.4°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	Aluminum, total recoverable	<50.0				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0430				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.663				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.653				2.00	µg/L	GE	EPA6020

ESH-EMS-2000406

Well FSB 98AR collected on 04/06/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	2,800				50.0	µg/L	GE	EPA353.1
0	pH	7.18	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	160				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.70E-09±7.48E-10	J	I		9.93E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.67E-09±8.27E-10				1.19E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.51E-05±1.36E-06				6.30E-07	µCi/mL	ML	EPIA-002

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 76.1 ft (23.2 m) below TOC
 Water elevation: 208.4 ft (63.52 m) msl
 pH: 3
 Sp. conductance: 624 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 118 gal

Time: 9:08
 Water temperature: 19.7°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
2	Aluminum, total recoverable	12,500				50.0	µg/L	GE	EPA6010B
1	Beryllium, total recoverable	2.17				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	6.75				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.697	U	V		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	60,000				2,500	µg/L	GE	EPA353.1
1	pH	3.54	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	63.8				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	3.87E-07±1.65E-08				1.44E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	4.94E-07±9.56E-09				1.70E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.26E-03±4.36E-05				3.43E-06	µCi/mL	GP	EPIA-002
2	Tritium	2.25E-03±4.39E-05				3.45E-06	µCi/mL	GP	EPIA-002

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 73.34 ft (22.35 m) below TOC
 Water elevation: 211.16 ft (64.36 m) msl
 pH: 4.9
 Sp. conductance: 109 µS/cm
 Turbidity: 15 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 11:10
 Water temperature: 18.3°C
 Air temperature: 15.9°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
2	Aluminum, total recoverable	2,190				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.326				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.49				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	643				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	23.1				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	10,500				1,250	µg/L	GE	EPA353.1
0	pH	4.93	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	200				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.07E-07±6.83E-09				1.13E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.55E-07±7.24E-09				2.49E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.63E-05±1.39E-06				7.01E-07	µCi/mL	GP	EPIA-002

B-120

Second Quarter 2000

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 137.65 ft (41.96 m) below TOC
 Water elevation: 149.95 ft (45.71 m) msl
 pH: 6.6
 Sp. conductance: 149 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 100 gal

Time: 9:32
 Water temperature: 20.1°C
 Air temperature: 18.6°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	Aluminum, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0480		J	I	0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.582		U	V	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	26.9		J	IK	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.17		U	V	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	4.710				150	µg/L	GE	EPA353.1
0	pH	6.94		J	Q	0.100	pH	GE	EPA9040B
2	Specific conductance	748				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.13E-10±3.58E-10		U		6.99E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.11E-09±6.21E-10		J	I	1.06E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.23E-04±2.17E-06				6.31E-07	µCi/mL	ML	EPIA-002

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 74.11 ft (22.59 m) below TOC
 Water elevation: 213.59 ft (65.1 m) msl
 pH: 4.4
 Sp. conductance: 204 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 118 gal

Time: 9:07
 Water temperature: 19.2°C
 Air temperature: 21°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	56.3				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0340		J	I	0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.529		JU		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	38.0		J	I	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.09		J	I	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	21,000				1,250	µg/L	GE	EPA353.1
0	pH	5.33		J	Q	0.100	pH	GE	EPA9040B
0	Specific conductance	203				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.76E-08±4.05E-09				1.79E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	5.52E-08±3.26E-09				1.69E-09	µCi/mL	ML	EPIA-001
2	Tritium	5.32E-04±4.44E-06				7.09E-07	µCi/mL	ML	EPIA-002

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 73.4 ft (22.37 m) below TOC
 Water elevation: 214.2 ft (65.29 m) msl
 pH: 4.9
 Sp. conductance: 734 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 41 gal

Time: 9:13
 Water temperature: 20.3°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	1,390				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.227				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.855		U	V	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	94.8		J	K	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	13.1				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	67,500				2,500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	66,500				2,500	µg/L	GE	EPA353.1
0	pH	4.35		J	Q	0.100	pH	GE	EPA9040B
0	Specific conductance	247				1.00	µS/cm	GE	EPA9050A

ESH-EMS-2000406

Well FSB 99D collected on 04/06/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Specific conductance	237				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.85E-08±3.09E-09				1.70E-09	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	3.39E-08±2.58E-09				2.34E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.51E-03±9.65E-06				6.31E-07	µCi/mL	ML	EPIA-002

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 135.3 ft (41.24 m) below TOC
 Water elevation: 150.7 ft (45.93 m) msl
 pH: 6.9
 Sp. conductance: 164 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 146 gal

Time: 9:05
 Water temperature: 19.2°C
 Air temperature: 20.2°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	Aluminum, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200		U		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.0990		JU		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.517		JU		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	3,780		J	L	150	µg/L	GE	EPA353.1
0	pH	7.09		J	Q	0.100	pH	GE	EPA9040B
0	Specific conductance	165				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.10E-09±2.28E-09		U		8.97E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.04E-09±1.76E-09		U		6.43E-09	µCi/mL	ML	EPIA-001
2	Tritium	5.64E-05±1.46E-06				4.63E-07	µCi/mL	ML	EPIA-002

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 134.05 ft (40.86 m) below TOC
 Water elevation: 151.15 ft (46.07 m) msl
 pH: 7.1
 Sp. conductance: 152 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 108 gal

Time: 12:34
 Water temperature: 20.1°C
 Air temperature: 23.3°C
 Total alkalinity (as CaCO₃): 107 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	<26.1		U	V	50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200		U		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.101		JU		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<2.00		U		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,470				50.0	µg/L	GE	EPA353.1
0	pH	7.43		J	Q	0.100	pH	GE	EPA9040B
0	Specific conductance	155				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.25E-09±2.14E-09		JU	L	9.14E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-6.50E-10±1.38E-09		U		6.52E-09	µCi/mL	ML	EPIA-001
0	Tritium	4.64E-07±3.45E-07		J	I	4.64E-07	µCi/mL	ML	EPIA-002

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 7.02 ft (2.14 m) below TOC
 Water elevation: 194.08 ft (59.16 m) msl
 pH: 4.7
 Sp. conductance: 195 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 82 gal

Time: 10:10
 Water temperature: 17.4°C
 Air temperature: 11.5°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
2	Aluminum, total recoverable	356				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.990				0.200	µg/L	GE	EPA6020

B-121

Second Quarter 2000

Well FSB102C collected on 04/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Cadmium, total recoverable	2.97				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	19,000				1,250	µg/L	GE	EPA353.1
0	pH	4.82	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	185				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.11E-09±1.46E-09	J	I		1.33E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	2.10E-07±6.12E-09				1.87E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.08E-04±3.92E-06				7.16E-07	µCi/mL	ML	EPIA-002

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 46.85 ft (14.28 m) below TOC
 Water elevation: 195.55 ft (59.6 m) msl
 pH: 5.8
 Sp. conductance: 239 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 74 gal

Time: 11:47
 Water temperature: 19.9°C
 Air temperature: 22.9°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	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.103	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.802	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	36.0	J	IK	I	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.47	U	V		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	24,500				1,250	µg/L	GE	EPA353.1
0	pH	6.04	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	476				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.61E-10±4.75E-10	J	I		6.11E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.06E-08±1.40E-09				1.01E-09	µCi/mL	ML	EPIA-001
2	Tritium	5.19E-04±4.42E-06				6.35E-07	µCi/mL	ML	EPIA-002

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 23.29 ft (7.1 m) below TOC
 Water elevation: 195.81 ft (59.68 m) msl
 pH: 5.1
 Sp. conductance: 476 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 98 gal

Time: 12:30
 Water temperature: 19.1°C
 Air temperature: 22.9°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
1	Aluminum, total recoverable	49.3	J	I		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.84				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.58	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	20.7	J	IK	I	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.22	U	V		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	52,800				1,250	µg/L	GE	EPA353.1
0	pH	5.02	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.04	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	52.0				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.80E-09±1.34E-09				1.21E-09	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	3.76E-08±1.87E-09				1.11E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.04E-03±6.22E-06				6.34E-07	µCi/mL	ML	EPIA-002

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.8
 Sp. conductance: 168 µS/cm
 Turbidity: 1 NTU
 There was no water in standpipe.

Time: 10:14
 Water temperature: 19°C
 Air temperature: 20.8°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	5,500				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.386	J	K	I	0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.90				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	38.0	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.99	J	I		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	15,200				500	µg/L	GE	EPA353.1
1	pH	3.81	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	172				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.78E-07±1.71E-08	J	L	I	4.38E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	1.46E-07±1.06E-08	J	L	I	2.36E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.67E-07±1.54E-08	J	L	I	9.81E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.20E-07±9.46E-09	J	L	I	4.53E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.21E-04±6.34E-06				1.28E-06	µCi/mL	GP	EPIA-002

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 20.75 ft (6.32 m) below TOC
 Water elevation: 198.45 ft (60.49 m) msl
 pH: 4.1
 Sp. conductance: 165 µS/cm
 Turbidity: 0 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:01
 Water temperature: 18°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
2	Aluminum, total recoverable	4,950				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.331	J	K	I	0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.79				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	26.8	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	16,000				1,250	µg/L	GE	EPA353.1
1	pH	3.89	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	169				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.51E-07±7.62E-09				1.56E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.25E-07±6.41E-09				2.05E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.93E-04±5.79E-06				1.19E-06	µCi/mL	GP	EPIA-002

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.6
 Sp. conductance: 885 µS/cm
 Turbidity: 2 NTU
 No water was evacuated from the well prior to sampling.

Time: 15:34
 Water temperature: 21.8°C
 Air temperature: 23.6°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	14,700				50.0	µg/L	GE	EPA6010B
2	Beryllium, total recoverable	7.18	J	K	I	0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	10.6				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	36.3	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	2.01				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	96,500				2,500	µg/L	GE	EPA353.1
1	pH	3.53	J	Q		0.100	pH	GE	EPA9040B

Well FSB105C collected on 04/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Specific conductance	588				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	3.20E-07±1.34E-08				1.79E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.51E-07±1.19E-08				2.44E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.08E-03±5.94E-05				4.69E-06	µCi/mL	GP	EPIA-002

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 81.83 ft (24.94 m) below TOC
 Water elevation: 203.97 ft (62.17 m) msl
 pH: 3.5
 Sp. conductance: 882 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 15:25
 Water temperature: 21°C
 Air temperature: 23.9°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
2	Aluminum, total recoverable	13,300				50.0	µg/L	GE	EPA6010B
2	Beryllium, total recoverable	7.76	J	K	I	0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	12.0				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.0950	JU		4	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	102,000		Y		2,500	µg/L	GE	EPA353.1
1	pH	3.57	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	890				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.78E-07±1.30E-08				2.10E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.86E-07±1.22E-08				2.61E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.22E-03±6.17E-05				4.73E-06	µCi/mL	GP	EPIA-002

WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 77 ft (23.47 m) below TOC
 Water elevation: 208.6 ft (63.58 m) msl
 pH: 4.3
 Sp. conductance: 58 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 49 gal

Time: 10:58
 Water temperature: 19.7°C
 Air temperature: 19.1°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	471				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.116	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.686	U	V		1.00	µg/L	GE	EPA6020

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.980	U	V		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	4,550				250	µg/L	GE	EPA353.1
0	pH	4.23	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	59.6				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	3.59E-08±5.12E-09	J	K	I	1.20E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	3.36E-08±4.82E-09	J	K	I	1.49E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	2.65E-08±3.02E-09				2.29E-09	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	2.74E-08±3.00E-09				2.16E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.28E-05±1.32E-06				6.26E-07	µCi/mL	GP	EPIA-002

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5
 Sp. conductance: 687 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:55
 Water temperature: 19°C
 Air temperature: 22.6°C
 Total alkalinity (as CaCO₃): 4 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,780				50.0	µg/L	GE	EPA6010B
1	Beryllium, total recoverable	2.13				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	12.3				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.317	JU		4	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	92,000				2,500	µg/L	GE	EPA353.1
0	pH	4.85	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	735				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	6.16E-08±1.52E-08	J	K	C	6.23E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	5.15E-08±1.20E-08	J	K	C	6.51E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.73E-07±2.41E-08				5.13E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.62E-07±2.18E-08				5.24E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.45E-03±2.82E-05				2.71E-06	µCi/mL	GP	EPIA-002

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 37.05 ft (11.29 m) below TOC
 Water elevation: 198.05 ft (60.37 m) msl
 pH: 5.1
 Sp. conductance: 671 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 77 gal

Time: 10:46
 Water temperature: 18.5°C
 Air temperature: 22.1°C
 Total alkalinity (as CaCO₃): 8 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	2,060				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.60				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	8.88				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	85,500				3,750	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	87,000				3,750	µg/L	GE	EPA353.1
0	pH	5.44	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.43	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	708				1.00	µS/cm	GE	EPA9050A
2	Specific conductance	708				1.00	µS/cm	GE	EPA9050A
2	Specific conductance	708				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.33E-08±4.06E-09				1.59E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	5.63E-07±7.22E-09				1.24E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.45E-03±7.90E-06	J	L	I	5.99E-07	µCi/mL	ML	EPIA-002

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 60.4 ft (18.41 m) below TOC
 Water elevation: 210.5 ft (64.16 m) msl
 pH: 6.7
 Sp. conductance: 148 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 120 gal

Time: 11:29
 Water temperature: 20.3°C
 Air temperature: 26.2°C
 Total alkalinity (as CaCO₃): 48 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	14.9	J	I		146	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	0.0730	J	I		0.200	µg/L	GE	EPA6020

Well FSB107C collected on 04/03/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<0.493	JU	V	4	1.00	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	50.0	J	I		50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<21.5	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<0.687	JU	V	4	2.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
1	Nitrate-nitrite as nitrogen	5,430				150	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	6,410				200	µg/L	WA	EPA353.2
0	pH	6.75	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.67	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	158				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	148				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	1.10E-09±6.90E-10	J	I		8.70E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	5.12E-10±3.51E-10	U			5.19E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.09E-08±1.79E-09				1.49E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.94E-08±1.28E-09				9.26E-10	µCi/mL	ML	EPIA-001
2	Tritium	9.58E-05±2.23E-06				6.50E-07	µCi/mL	TM	EPA906.0M
0	Tritium	2.11E-06±5.06E-07	U		6	5.93E-07	µCi/mL	ML	EPIA-002

WELL FSB107C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Depth to water: 60.4 ft (18.41 m) below TOC
 Water elevation: 210.5 ft (64.16 m) msl
 pH: 6.7
 Sp. conductance: 148 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 120 gal

Time: 11:29
 Water temperature: 20.3°C
 Air temperature: 26.2°C
 Total alkalinity (as CaCO₃): 48 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	Beryllium, total recoverable	0.0760	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.511	JU	V	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	66.4				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.577	JU	V	4	2.00	µg/L	GE	EPA6020
1	Nitrate-nitrite as nitrogen	5,490				150	µg/L	GE	EPA353.1
0	pH	6.73	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	157				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.24E-10±4.66E-10	U			8.03E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.01E-08±1.35E-09				1.08E-09	µCi/mL	ML	EPIA-001
0	Tritium	3.43E-07±3.99E-07	U		6	5.51E-07	µCi/mL	ML	EPIA-002

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.8
 Sp. conductance: 518 µS/cm
 Turbidity: 79 NTU
 No water was evacuated from the well prior to sampling.

Time: 14:25
 Water temperature: 20.9°C
 Air temperature: 25.8°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	14,100				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.814				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	10.7				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	3,230				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	6.31				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	56,500				2,500	µg/L	GE	EPA353.1
1	pH	3.74	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	536				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	5.55E-07±2.01E-08	J	K	C	1.77E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.19E-06±1.89E-08				3.08E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.56E-03±3.03E-05				2.81E-06	µCi/mL	GP	EPIA-002

ESH-EMS-2000406

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 57.17 ft (17.43 m) below TOC
 Water elevation: 213.83 ft (65.18 m) msl
 pH: 3.8
 Sp. conductance: 562 µS/cm
 Turbidity: 5 NTU
 No water was evacuated from the well prior to sampling.

Time: 14:14
 Water temperature: 21°C
 Air temperature: 24.5°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	13,300				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.836				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	12.6				1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	174				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.20	J	I		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	60,800				1,250	µg/L	GE	EPA353.1
1	pH	3.74	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	582				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	5.11E-07±1.29E-08				1.04E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.61E-06±1.33E-08				1.25E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.67E-03±3.25E-05				2.96E-06	µCi/mL	GP	EPIA-002

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 90.75 ft (27.66 m) below TOC
 Water elevation: 207.25 ft (63.17 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 5 gal

Time: 12:00
 Water temperature: Not available
 Air temperature: 26.2°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	92.0				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0890				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.652	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	104				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	10.9				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	910				50.0	µg/L	GE	EPA353.1
0	pH	5.70	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.72	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	31.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.96E-09±5.63E-10				3.83E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.79E-09±6.38E-10	J	I		1.16E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.48E-05±9.16E-07				6.34E-07	µCi/mL	ML	EPIA-002

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 77.75 ft (23.7 m) below TOC
 Water elevation: 215.35 ft (65.64 m) msl
 pH: 6.3
 Sp. conductance: 46 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 36 gal

Time: 12:25
 Water temperature: 20.6°C
 Air temperature: 24.7°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	112				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0830	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.633	U	V		1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	211				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	5.32				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,830				50.0	µg/L	GE	EPA353.1
0	pH	5.93	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	46.2				1.00	µS/cm	GE	EPA9050A

B-124

Second Quarter 2000

Well FSB109D collected on 04/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.39E-09±4.87E-10	J	I		4.71E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.41E-09±6.24E-10				1.04E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.75E-05±9.83E-07				6.41E-07	µCi/mL	ML	EPIA-002

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 38.03 ft (11.59 m) below TOC
 Water elevation: 196.47 ft (59.88 m) msl
 pH: 5.9
 Sp. conductance: 766 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 96 gal

Time: 11:40
 Water temperature: 20.5°C
 Air temperature: 21.6°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
0	Aluminum, total recoverable	<68.5	U	V		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.48				0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	2.66				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	56.8				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.60	J	I		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	93,000				2,500	µg/L	GE	EPA353.1
0	pH	5.96	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	767				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.45E-08±5.11E-09	J	IL	I	1.32E-08	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	1.24E-07±7.97E-09				6.94E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.94E-03±8.38E-06				4.59E-07	µCi/mL	ML	EPIA-002

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.9
 Sp. conductance: 717 µS/cm
 Turbidity: 4 NTU
 No water was evacuated from the well prior to sampling.

Time: 13:34
 Water temperature: 21.9°C
 Air temperature: 22.6°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	20,800				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.937	J	K	I	0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	7.79				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	110				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	3.00				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	68,000				1,250	µg/L	GE	EPA353.1
1	pH	3.39	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	85.6				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	3.70E-07±1.45E-08				1.76E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.89E-07±1.22E-08				2.42E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.76E-03±3.39E-05				3.35E-06	µCi/mL	GP	EPIA-002

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 35 ft (10.67 m) below TOC
 Water elevation: 199.5 ft (60.81 m) msl
 pH: 5
 Sp. conductance: 740 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 13:20
 Water temperature: 21.2°C
 Air temperature: 22.8°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

Well FSB110D collected on 04/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	21,700				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.910	J	K	I	0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	5.71				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	49.3	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.165	JU		4	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	89,500				2,500	µg/L	GE	EPA353.1
1	pH	3.42	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	773				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	6.64E-07±1.52E-08				1.92E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	5.94E-07±1.43E-08				1.33E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.39E-07±9.27E-09				1.71E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	8.15E-07±9.77E-09				1.70E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.83E-03±3.58E-05				3.52E-06	µCi/mL	GP	EPIA-002

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 64.11 ft (19.54 m) below TOC
 Water elevation: 212.19 ft (64.68 m) msl
 pH: 5.7
 Sp. conductance: 171 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 130 gal

Time: 11:36
 Water temperature: 19.5°C
 Air temperature: 20.5°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	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.252				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.615	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	23.4	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.999	U	V		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	10,800				1,250	µg/L	GE	EPA353.1
0	pH	5.55	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	171				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.20E-10±3.56E-10	U			5.27E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.56E-09±6.03E-10				9.28E-10	µCi/mL	ML	EPIA-001
2	Tritium	4.44E-04±4.42E-06				6.34E-07	µCi/mL	ML	EPIA-002

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 61.1 ft (18.62 m) below TOC
 Water elevation: 215.5 ft (65.69 m) msl
 pH: 4.1
 Sp. conductance: 705 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 24 gal

Time: 8:48
 Water temperature: 19.7°C
 Air temperature: 13.2°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	426				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.296				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.222	JU	V	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	82.5				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	9.19				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	65,500				2,500	µg/L	GE	EPA353.1
0	pH	4.89	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	677				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.99E-08±1.19E-09				5.07E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.95E-08±6.94E-10				5.06E-10	µCi/mL	GP	EPIA-001
2	Tritium	2.64E-03±5.18E-05				4.14E-06	µCi/mL	GP	EPIA-002

WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 76.66 ft (23.37 m) below TOC
 Water elevation: 152.44 ft (46.46 m) msl
 pH: 6.5
 Sp. conductance: 150 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 155 gal

Time: 10:49
 Water temperature: 16.5°C
 Air temperature: 18.7°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	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.537	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.646	U	V		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,060				50.0	µg/L	GE	EPA353.1
0	pH	6.75	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	149				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.95E-10±4.49E-10	U		6	5.40E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.01E-08±1.03E-09				1.15E-09	µCi/mL	ML	EPIA-001
2	Tritium	5.40E-05±1.60E-06				6.38E-07	µCi/mL	ML	EPIA-002

WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 31.91 ft (9.73 m) below TOC
 Water elevation: 197.19 ft (60.1 m) msl
 pH: 4.2
 Sp. conductance: 1,774 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 127 gal

Time: 12:06
 Water temperature: 19.6°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
2	Aluminum, total recoverable	9,120	J	L	I	50.0	µg/L	GE	EPA6010B
2	Aluminum, total recoverable	18,000				146	µg/L	WA	EPA6010B
2	Beryllium, total recoverable	8.71				1.00	µg/L	GE	EPA6020
2	Beryllium, total recoverable	5.90				1.60	µg/L	WA	EPA6010B
2	Cadmium, total recoverable	46.7				5.00	µg/L	GE	EPA6020
2	Cadmium, total recoverable	24.3				4.70	µg/L	WA	EPA6010B
0	Iron, total recoverable	<50.0	JU	L	I	50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	<27.0	U	V		74.0	µg/L	WA	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
2	Nitrate-nitrite as nitrogen	216,000				10,000	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	216,000		Y		10,000	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	216,000				10,000	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	216,000				10,000	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	288,000				10,000	µg/L	WA	EPA353.2
0	pH	4.15	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.11	J	Q		0.100	pH	WA	EPA9040B
2	Specific conductance	1,800				1.00	µS/cm	GE	EPA9050A
2	Specific conductance	1,760				8.90	µS/cm	WA	EPA9050A
2	Gross alpha	1.74E-07±1.89E-08				5.83E-09	µCi/mL	GP	EPIA-001
2	Gross alpha	2.97E-07±1.17E-08				3.18E-09	µCi/mL	TM	EPA900.0M
2	Gross alpha	2.93E-07±1.16E-08				3.17E-09	µCi/mL	TM	EPA900.0M
2	Nonvolatile beta	1.93E-06±3.11E-08				5.75E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.26E-06±1.61E-08				2.78E-09	µCi/mL	TM	EPA900.0M
2	Nonvolatile beta	2.24E-06±1.60E-08				2.78E-09	µCi/mL	TM	EPA900.0M
2	Tritium	7.36E-03±1.37E-09				7.26E-06	µCi/mL	GP	EPIA-002
2	Tritium	6.60E-03±1.28E-04				2.78E-05	µCi/mL	TM	EPA906.0M
2	Tritium	6.96E-03±1.34E-04				2.88E-05	µCi/mL	TM	EPA906.0M

WELL FSB112C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 31.91 ft (9.73 m) below TOC
 Water elevation: 197.19 ft (60.1 m) msl
 pH: 4.2
 Sp. conductance: 1,774 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 127 gal

Time: 12:06
 Water temperature: 19.6°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
2	Aluminum, total recoverable	9,100	J	L	I	50.0	µg/L	GE	EPA6010B
2	Beryllium, total recoverable	9.07				1.00	µg/L	GE	EPA6020
2	Cadmium, total recoverable	48.3				5.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	JU	L	I	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	249,000		Y		5,000	µg/L	GE	EPA353.1
0	pH	4.16	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	1,810				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.95E-07±1.88E-08				4.63E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.89E-06±3.06E-08				6.46E-09	µCi/mL	GP	EPIA-001
2	Tritium	7.42E-03±1.38E-09				7.33E-06	µCi/mL	GP	EPIA-002

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.6
 Sp. conductance: 85 µS/cm
 Turbidity: 9 NTU
 No water was evacuated from the well prior to sampling.

Time: 17:28
 Water temperature: 20.2°C
 Air temperature: 27.2°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,810				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.648				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.660	JU		4	1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	301				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.82	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<1,250	U			1,250	µg/L	GE	EPA353.1
0	pH	4.09	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	88.6				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	3.46E-08±3.26E-09	J	K	C	7.14E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.81E-07±6.51E-09				1.32E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.02E-05±9.33E-07				6.24E-07	µCi/mL	GP	EPIA-002

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 29.71 ft (9.06 m) below TOC
 Water elevation: 199.89 ft (60.93 m) msl
 pH: 4.3
 Sp. conductance: 84 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 17:20
 Water temperature: 19.8°C
 Air temperature: 27.1°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	2,470				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.584				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.635	JU		4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	26.3	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.388	JU		4	2.00	µg/L	GE	EPA6020
1	Nitrate-nitrite as nitrogen	6,600				250	µg/L	GE	EPA353.1
0	pH	4.15	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	84.7				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.67E-08±2.46E-09				7.84E-10	µCi/mL	GP	EPIA-001

Well FSB112D collected on 04/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Nonvolatile beta	2.64E-07±6.57E-09				1.46E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.16E-05±9.48E-07				6.08E-07	µCi/mL	GP	EPIA-002

WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 64.57 ft (19.68 m) below TOC
 Water elevation: 158.63 ft (48.35 m) msl
 pH: 11.7
 Sp. conductance: 2,364 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 15:10
 Water temperature: 18.5°C
 Air temperature: 24.4°C
 Total alkalinity (as CaCO₃): 472 mg/L
 Phenolphthalein alkalinity: 456 mg/L
 Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1.480				50.0	µg/L	GE	EPA6010B
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	Iron, total recoverable	25.7	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.22	J	I		2.00	µg/L	GE	EPA6020
1	Nitrate-nitrite as nitrogen	6,330				150	µg/L	GE	EPA353.1
2	pH	11.9	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	1,840				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.72E-09±1.75E-09	J	I		2.17E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.30E-09±1.28E-09				1.94E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.82E-04±2.66E-06				7.25E-07	µCi/mL	ML	EPIA-002

WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 22.68 ft (6.91 m) below TOC
 Water elevation: 200.22 ft (61.03 m) msl
 pH: 6.4
 Sp. conductance: 116 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 71 gal

Time: 14:39
 Water temperature: 20.8°C
 Air temperature: 23.6°C
 Total alkalinity (as CaCO₃): 27 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		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0710	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	24.2	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.631	JU		4	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	4,350				150	µg/L	GE	EPA353.1
0	pH	6.64	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	117				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.40E-10±6.31E-10	U			1.47E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.43E-09±8.78E-10	J	I		1.48E-09	µCi/mL	ML	EPIA-001
2	Tritium	5.22E-05±1.47E-06				7.13E-07	µCi/mL	ML	EPIA-002

WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 13.37 ft (4.08 m) below TOC
 Water elevation: 209.13 ft (63.74 m) msl
 pH: 4.9
 Sp. conductance: 23 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 31 gal

Time: 14:59
 Water temperature: 18.8°C
 Air temperature: 23.8°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	68.5				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0450	J	I		0.200	µg/L	GE	EPA6020

ESH-EMS-2000406

Well FSB113D collected on 04/05/00 (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	Iron, total recoverable	45.7	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.481	JU		4	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	530				50.0	µg/L	GE	EPA353.1
0	pH	5.05	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	22.0				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.98E-10±5.15E-10	U			8.13E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.45E-09±7.71E-10	U			1.46E-09	µCi/mL	ML	EPIA-001
0	Tritium	7.20E-06±7.11E-07				7.04E-07	µCi/mL	ML	EPIA-002

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 97.2 ft (29.63 m) below TOC
 Water elevation: 154.8 ft (47.18 m) msl
 pH: 8.1
 Sp. conductance: 190 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 101 gal

Time: 13:25
 Water temperature: 19.8°C
 Air temperature: 21.1°C
 Total alkalinity (as CaCO₃): 81 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	35.9	J	I		50.0	µg/L	GE	EPA6010B
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	Iron, total recoverable	64.4				50.0	µg/L	GE	EPA6010B
0	Lead, 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
1	pH	8.05	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	188				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.15E-09±6.58E-10	J	I		7.26E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.21E-09±5.83E-10	J	I		1.09E-09	µCi/mL	ML	EPIA-001
0	Tritium	6.94E-07±5.19E-07	U			7.04E-07	µCi/mL	ML	EPIA-002

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 39.32 ft (11.98 m) below TOC
 Water elevation: 212.88 ft (64.89 m) msl
 pH: 6.6
 Sp. conductance: 55 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 104 gal

Time: 13:04
 Water temperature: 19.7°C
 Air temperature: 22.5°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	76.8				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.152	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	95.7				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.77	J	I		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,120				50.0	µg/L	GE	EPA353.1
0	pH	5.74	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.77	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	48.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.62E-10±5.28E-10	U			9.63E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.37E-09±6.65E-10	J	I		1.27E-09	µCi/mL	ML	EPIA-001
0	Tritium	3.18E-06±6.06E-07				7.13E-07	µCi/mL	ML	EPIA-002

B-127

Second Quarter 2000

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
Depth to water: 36.01 ft (10.98 m) below TOC
Water elevation: 216.19 ft (65.9 m) msl
pH: 6.1
Sp. conductance: 29 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 59 gal

Time: 12:41
Water temperature: 19.7°C
Air temperature: 20.4°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	Aluminum, total recoverable	<50.0	U		50.0	µg/L	GE	EPA6010B	
0	Beryllium, total recoverable	0.0530	J	I	0.200	µg/L	GE	EPA6020	
0	Cadmium, total recoverable	<1.00	U		1.00	µg/L	GE	EPA6020	
0	Iron, total recoverable	<50.0	U		50.0	µg/L	GE	EPA6010B	
0	Lead, total recoverable	2.31			2.00	µg/L	GE	EPA6020	
0	Nitrate-nitrite as nitrogen	760			50.0	µg/L	GE	EPA353.1	
0	pH	5.09	J	Q	0.100	pH	GE	EPA9040B	
0	Specific conductance	26.8			1.00	µS/cm	GE	EPA9050A	
0	Gross alpha	1.83E-09±4.89E-10			4.73E-10	µCi/mL	ML	EPIA-001	
0	Gross alpha	1.39E-09±5.47E-10	J	I	6.45E-10	µCi/mL	ML	EPIA-001	
0	Nonvolatile beta	1.98E-09±5.65E-10	J	I	9.36E-10	µCi/mL	ML	EPIA-001	
0	Nonvolatile beta	1.43E-09±6.61E-10	J	I	1.26E-09	µCi/mL	ML	EPIA-001	
0	Tritium	5.60E-06±6.73E-07			7.09E-07	µCi/mL	ML	EPIA-002	

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
Depth to water: 25.6 ft (7.8 m) below TOC
Water elevation: 182.2 ft (55.54 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 11 gal

Time: 12:20
Water temperature: Not available
Air temperature: 23.9°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	Tritium	7.06E-06±6.98E-07			6.13E-07	µCi/mL	ML	EPIA-002	

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
Depth to water: 25.6 ft (7.8 m) below TOC
Water elevation: 182.2 ft (55.54 m) msl
pH: 6.3
Sp. conductance: 21 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 12:53
Water temperature: 20.4°C
Air temperature: 23.3°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
2	Aluminum, total recoverable	152			50.0	µg/L	GE	EPA6010B	
0	Beryllium, total recoverable	0.160	J	I	0.200	µg/L	GE	EPA6020	
0	Cadmium, total recoverable	<1.00	U		1.00	µg/L	GE	EPA6020	
2	Iron, total recoverable	345			50.0	µg/L	GE	EPA6010B	
0	Lead, total recoverable	6.22			2.00	µg/L	GE	EPA6020	
0	Nitrate-nitrite as nitrogen	480		Y	50.0	µg/L	GE	EPA353.1	
0	pH	5.93	J	Q	0.100	pH	GE	EPA9040B	
0	Specific conductance	24.3			1.00	µS/cm	GE	EPA9050A	
0	Gross alpha	1.46E-10±4.30E-10	U		9.47E-10	µCi/mL	ML	EPIA-001	
0	Gross alpha	-2.77E-11±5.05E-10	U		1.30E-09	µCi/mL	ML	EPIA-001	
0	Nonvolatile beta	8.25E-10±1.11E-09	U		2.35E-09	µCi/mL	ML	EPIA-001	
0	Nonvolatile beta	-2.80E-10±8.40E-10	U		1.95E-09	µCi/mL	ML	EPIA-001	

WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
Depth to water: 19.57 ft (5.97 m) below TOC
Water elevation: 188.93 ft (57.59 m) msl
pH: 5.4
Sp. conductance: 15 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 34 gal

Time: 13:39
Water temperature: 30.3°C
Air temperature: 25.6°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
2	Aluminum, total recoverable	1,820			50.0	µg/L	GE	EPA6010B	
0	Beryllium, total recoverable	0.280			0.200	µg/L	GE	EPA6020	
0	Cadmium, total recoverable	<1.00	U		1.00	µg/L	GE	EPA6020	
2	Iron, total recoverable	2,480			50.0	µg/L	GE	EPA6010B	
0	Lead, total recoverable	17.6			2.00	µg/L	GE	EPA6020	
0	Nitrate-nitrite as nitrogen	230		Y	50.0	µg/L	GE	EPA353.1	
0	pH	5.29	J	Q	0.100	pH	GE	EPA9040B	
0	Specific conductance	14.0			1.00	µS/cm	GE	EPA9050A	
0	Gross alpha	1.16E-09±5.08E-10	J	I	6.91E-10	µCi/mL	ML	EPIA-001	
0	Nonvolatile beta	5.22E-10±4.97E-10	U		1.02E-09	µCi/mL	ML	EPIA-001	
0	Tritium	6.51E-06±6.80E-07			6.12E-07	µCi/mL	ML	EPIA-002	
0	Tritium	6.72E-06±6.92E-07			6.19E-07	µCi/mL	ML	EPIA-002	

WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
Depth to water: 12.55 ft (3.83 m) below TOC
Water elevation: 189.95 ft (57.9 m) msl
pH: 5.7
Sp. conductance: 20 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 69 gal

Time: 11:55
Water temperature: 19.5°C
Air temperature: 24.4°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
2	Aluminum, total recoverable	58.3			50.0	µg/L	GE	EPA6010B	
0	Beryllium, total recoverable	0.0440	J	I	0.200	µg/L	GE	EPA6020	
0	Cadmium, total recoverable	<1.00	U		1.00	µg/L	GE	EPA6020	
0	Iron, total recoverable	55.5			50.0	µg/L	GE	EPA6010B	
0	Lead, total recoverable	1.16	J	I	2.00	µg/L	GE	EPA6020	
0	Nitrate-nitrite as nitrogen	710		Y	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	18.7			1.00	µS/cm	GE	EPA9050A	
0	Specific conductance	18.7			1.00	µS/cm	GE	EPA9050A	
0	Specific conductance	18.7			1.00	µS/cm	GE	EPA9050A	
0	Gross alpha	2.95E-10±4.25E-10	U		8.81E-10	µCi/mL	ML	EPIA-001	
0	Nonvolatile beta	9.44E-11±6.23E-10	U		1.38E-09	µCi/mL	ML	EPIA-001	
0	Tritium	9.84E-06±7.79E-07			6.12E-07	µCi/mL	ML	EPIA-002	

WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
Depth to water: 12.55 ft (3.83 m) below TOC
Water elevation: 190.35 ft (58.02 m) msl
pH: 5
Sp. conductance: 24 µS/cm
Turbidity: 13 NTU
Water evacuated from the well prior to sampling: 8 gal

Time: 8:15
Water temperature: 18.1°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
2	Aluminum, total recoverable	173			50.0	µg/L	GE	EPA6010B	
0	Beryllium, total recoverable	<0.200	U		0.200	µg/L	GE	EPA6020	
0	Cadmium, total recoverable	<0.0610	JU		1.00	µg/L	GE	EPA6020	
2	Iron, total recoverable	546			50.0	µg/L	GE	EPA6010B	
0	Lead, total recoverable	10.5			2.00	µg/L	GE	EPA6020	

Well FSB116D collected on 05/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	570	J	L	I	50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	590	J	L	I	50.0	µg/L	GE	EPA353.1
0	pH	5.39	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.40	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	22.9				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.75E-09±2.25E-09	U			8.29E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.74E-10±1.49E-09	U			6.33E-09	µCi/mL	ML	EPIA-001
0	Tritium	9.79E-06±6.83E-07				4.73E-07	µCi/mL	ML	EPIA-002

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4
 Sp. conductance: 281 µS/cm
 Turbidity: 15 NTU
 No water was evacuated from the well prior to sampling.

Time: 12:33
 Water temperature: 19.7°C
 Air temperature: 23.2°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	7.970	J	K	I	50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.01	J	K	I	0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	3.84				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	436				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	2.58				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	11,400				500	µg/L	GE	EPA353.1
1	pH	3.79	J	Q		0.100	pH	GE	EPA9040B
1	pH	3.78	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	289				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.86E-07±1.81E-08	J	L	I	6.00E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.91E-07±2.26E-08	J	L	I	1.00E-08	µCi/mL	GP	EPIA-001
2	Tritium	4.57E-04±9.01E-06				1.54E-06	µCi/mL	GP	EPIA-002

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 30.71 ft (9.36 m) below TOC
 Water elevation: 199.99 ft (60.96 m) msl
 pH: 4
 Sp. conductance: 282 µS/cm
 Turbidity: 2 NTU
 No water was evacuated from the well prior to sampling.

Time: 12:25
 Water temperature: 19.3°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
2	Aluminum, total recoverable	7.490	J	K	I	50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.989	J	K	I	0.200	µg/L	GE	EPA6020
1	Cadmium, total recoverable	3.74				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	61.7				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.317	JU		4	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	32,500				1,250	µg/L	GE	EPA353.1
1	pH	3.83	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	285				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.23E-07±9.66E-09				1.35E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.45E-07±1.03E-08				1.54E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.25E-04±8.36E-06				1.45E-06	µCi/mL	GP	EPIA-002

WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 33.28 ft (10.14 m) below TOC
 Water elevation: 210.02 ft (64.01 m) msl
 pH: 5.7
 Sp. conductance: 27 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 44 gal

Time: 13:44
 Water temperature: 20.1°C
 Air temperature: 26.7°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
1	Aluminum, total recoverable	32.5	J	I		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.0800	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.561	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	29.3	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	3.69				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	740				50.0	µg/L	GE	EPA353.1
0	pH	4.99	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	25.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.86E-09±5.80E-10				5.58E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.23E-09±5.66E-10	J	I		1.06E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.13E-05±1.40E-06				6.26E-07	µCi/mL	ML	EPIA-002

WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: 49.07 ft (14.96 m) below TOC
 Water elevation: 205.03 ft (62.49 m) msl
 pH: 3.3
 Sp. conductance: 864 µS/cm
 Turbidity: 20 NTU
 Water evacuated from the well prior to sampling: 9 gal

Time: 9:20
 Water temperature: 25.7°C
 Air temperature: 15.5°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
2	Aluminum, total recoverable	26,900	J	L	I	50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.31				0.200	µg/L	GE	EPA6020
2	Cadmium, total recoverable	6.75				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	1,140	J	L	I	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	12.6				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	96,000				5,000	µg/L	GE	EPA353.1
1	pH	3.60	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	860				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	6.49E-07±1.91E-08				1.73E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.16E-06±1.54E-08				2.40E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.93E-03±7.54E-05				5.16E-06	µCi/mL	GP	EPIA-002

WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 108 ft (32.92 m) below TOC
 Water elevation: 172.1 ft (52.46 m) msl
 pH: 11.9
 Sp. conductance: 3,795 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:18
 Water temperature: 15.7°C
 Air temperature: 11.3°C
 Total alkalinity (as CaCO₃): 760 mg/L
 Phenolphthalein alkalinity: 747 mg/L
 Field Qualifier(s): SXH

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	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	2.82				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	24,500				1,250	µg/L	GE	EPA353.1
2	pH	12.1	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	3,590				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.28E-09±1.30E-09				1.37E-09	µCi/mL	ML	EPIA-001

Well FSB120A collected on 04/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Nonvolatile beta	4.61E-08±2.56E-09				2.63E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.70E-04±4.18E-06				7.10E-07	µCi/mL	ML	EPIA-002

WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 76.99 ft (23.47 m) below TOC
 Water elevation: 202.71 ft (61.79 m) msl
 pH: 7.4
 Sp. conductance: 327 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 91 gal

Time: 9:31
 Water temperature: 18.4°C
 Air temperature: 7.3°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
1	Aluminum, total recoverable	27.4	J	I		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.05				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.508	JU		4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	50.7				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	34,800				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	34,500				1,250	µg/L	GE	EPA353.1
0	pH	6.60	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.59	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	328				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	326				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	8.28E-09±1.39E-09				6.77E-10	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	4.72E-08±2.01E-09				1.11E-09	µCi/mL	ML	EPIA-001
2	Tritium	8.22E-04±5.52E-06				7.12E-07	µCi/mL	ML	EPIA-002

WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 74.13 ft (22.6 m) below TOC
 Water elevation: 206.37 ft (62.9 m) msl
 pH: 7.6
 Sp. conductance: 37 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:04
 Water temperature: 16°C
 Air temperature: 11.1°C
 Total alkalinity (as CaCO₃): 19 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	1,330				50.0	µg/L	GE	EPA6010B
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	Iron, total recoverable	31.3	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	2.80				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	80.0				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	80.0				50.0	µg/L	GE	EPA353.1
0	pH	6.50	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	3.49				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	3.49				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.08E-09±4.55E-10	J	I		5.06E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.04E-09±5.90E-10	J	I		9.82E-10	µCi/mL	ML	EPIA-001
1	Tritium	1.12E-05±8.31E-07				7.33E-07	µCi/mL	ML	EPIA-002
1	Tritium	1.14E-05±8.33E-07				7.31E-07	µCi/mL	ML	EPIA-002

WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 56.29 ft (17.16 m) below TOC
 Water elevation: 200.21 ft (61.02 m) msl
 pH: 5.9
 Sp. conductance: 48 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 86 gal

Time: 10:03
 Water temperature: 18.8°C
 Air temperature: 12.4°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	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.174	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.598	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<1.02	U	V		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,520				50.0	µg/L	GE	EPA353.1
0	pH	6.31	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	60.0				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.29E-09±1.24E-09	J	I		2.01E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.15E-09±1.26E-09	J	I		2.30E-09	µCi/mL	ML	EPIA-001
2	Tritium	5.72E-05±1.52E-06				6.32E-07	µCi/mL	ML	EPIA-002

WELL FSB121DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 52.38 ft (15.97 m) below TOC
 Water elevation: 203.12 ft (61.91 m) msl
 pH: 4.4
 Sp. conductance: 34 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 32 gal

Time: 9:48
 Water temperature: 18.3°C
 Air temperature: 10.9°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	578				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.439				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.967	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	23.5	J	IK	I	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	8.55				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,770				50.0	µg/L	GE	EPA353.1
0	pH	4.44	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	39.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.41E-09±1.11E-09				4.45E-10	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	3.00E-08±1.64E-09				9.77E-10	µCi/mL	ML	EPIA-001
1	Tritium	1.38E-05±8.47E-07				6.40E-07	µCi/mL	ML	EPIA-002

WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 21.97 ft (6.7 m) below TOC
 Water elevation: 196.03 ft (59.75 m) msl
 pH: 4.8
 Sp. conductance: 473 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 64 gal

Time: 9:37
 Water temperature: 18.8°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	Aluminum, total recoverable	661				50.0	µg/L	GE	EPA6010B
1	Beryllium, total recoverable	2.52				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.76	U	V		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	20.5	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.834	U	V		2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	55,500				1,250	µg/L	GE	EPA353.1
0	pH	4.44	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	486				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.49E-08±1.96E-09				9.81E-10	µCi/mL	ML	EPIA-001

Well FSB122C collected on 04/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Nonvolatile beta	7.60E-08±2.55E-09				1.12E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.44E-03±7.88E-06				6.27E-07	µCi/mL	ML	EPIA-002

WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 18.47 ft (5.63 m) below TOC
 Water elevation: 199.13 ft (60.7 m) msl
 pH: 5.1
 Sp. conductance: 241 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 48 gal

Time: 9:23
 Water temperature: 17.5°C
 Air temperature: 11.4°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	279				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.414				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00		U		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	58.5				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	2.24				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	24,000				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	22,800				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	24,000				1,250	µg/L	GE	EPA353.1
0	pH	4.78		J		0.100	pH	GE	EPA9040B
0	Specific conductance	221				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.11E-09±1.06E-09				5.07E-10	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	3.88E-08±1.78E-09				9.96E-10	µCi/mL	ML	EPIA-001
2	Tritium	6.59E-04±5.36E-06				6.31E-07	µCi/mL	ML	EPIA-002

WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 28.93 ft (8.82 m) below TOC
 Water elevation: 209.17 ft (63.76 m) msl
 pH: 6.3
 Sp. conductance: 63 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 115 gal

Time: 13:07
 Water temperature: 19.3°C
 Air temperature: 23.7°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	Aluminum, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.162		J		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00		U		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.451		JU		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	2,760			4	100	µg/L	GE	EPA353.1
0	pH	5.89		J		0.100	pH	GE	EPA9040B
0	Specific conductance	65.6				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	65.6				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	65.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.25E-10±3.33E-10		U		6.15E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.54E-10±5.08E-10		U		1.11E-09	µCi/mL	ML	EPIA-001
0	Tritium	3.03E-06±5.69E-07				6.32E-07	µCi/mL	ML	EPIA-002

WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: 27.37 ft (8.34 m) below TOC
 Water elevation: 210.73 ft (64.23 m) msl
 pH: 5.9
 Sp. conductance: 39 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 54 gal

Time: 12:56
 Water temperature: 19.1°C
 Air temperature: 22.9°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

ANALYSES

Well FSB123D collected on 04/10/00 (cont.)

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	0.0670		J		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00		U		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	32.5		J		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.47		J		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,580				50.0	µg/L	GE	EPA353.1
0	pH	5.02		J		0.100	pH	GE	EPA9040B
0	Specific conductance	39.0				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.63E-09±5.89E-10		J		7.03E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.27E-09±5.68E-10		J		1.06E-09	µCi/mL	ML	EPIA-001
0	Tritium	7.54E-06±7.23E-07				6.35E-07	µCi/mL	ML	EPIA-002
0	Tritium	7.26E-06±7.07E-07				6.26E-07	µCi/mL	ML	EPIA-002

WELL FSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/00
 Depth to water: 88.66 ft (27.02 m) below TOC
 Water elevation: 222.14 ft (67.71 m) msl
 pH: 4.6
 Sp. conductance: 44 µS/cm
 Turbidity: 14 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 12:30
 Water temperature: 24.9°C
 Air temperature: 29.3°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	665				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	1.19				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.477		JU		1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	582				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	14.0				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	3,060		J		100	µg/L	GE	EPA353.1
0	pH	5.17		J		0.100	pH	GE	EPA9040B
0	Specific conductance	42.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.65E-09±3.02E-09		U		8.33E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.95E-09±2.41E-09		J		6.32E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.05E-05±1.26E-06				4.71E-07	µCi/mL	ML	EPIA-002

WELL FSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 82.85 ft (25.25 m) below TOC
 Water elevation: 222.95 ft (67.96 m) msl
 pH: 5.8
 Sp. conductance: 53 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 12 gal

Time: 13:35
 Water temperature: 24.2°C
 Air temperature: 29.4°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	112				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.209				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.298		JU		1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	215				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	3.01				2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1,380		J		50.0	µg/L	GE	EPA353.1
0	pH	5.64		J		0.100	pH	GE	EPA9040B
0	Specific conductance	51.2				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	51.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.99E-09±2.16E-09		U		8.50E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.43E-09±2.34E-09		J		6.36E-09	µCi/mL	ML	EPIA-001
0	Tritium	9.99E-06±6.80E-07				4.64E-07	µCi/mL	ML	EPIA-002
1	Tritium	1.04E-05±6.93E-07				4.66E-07	µCi/mL	ML	EPIA-002
0	Tritium	9.99E-06±6.80E-07				4.64E-07	µCi/mL	ML	EPIA-002

WELL FSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 81.49 ft (24.84 m) below TOC
 Water elevation: 220.51 ft (67.21 m) msl
 pH: 6.7
 Sp. conductance: 230 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 13 gal

Time: 12:25
 Water temperature: 25.4°C
 Air temperature: 28.6°C
 Total alkalinity (as CaCO₃): 103 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	114				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200		U		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.110		JU		1.00	µg/L	GE	EPA6020
1	Iron, total recoverable	234			4	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.987		JU		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	1.620		J	L	50.0	µg/L	GE	EPA353.1
0	pH	6.88		J	Q	0.100	pH	GE	EPA9040B
0	Specific conductance	217				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.00E-09±2.69E-09		U		9.31E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.85E-10±1.58E-09		U		6.43E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.65E-05±1.04E-06				4.68E-07	µCi/mL	ML	EPIA-002

WELL FSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 72.99 ft (22.25 m) below TOC
 Water elevation: 218.81 ft (66.69 m) msl
 pH: 5.2
 Sp. conductance: 241 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 20 gal

Time: 11:25
 Water temperature: 24.1°C
 Air temperature: 25.5°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	798				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.549				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.488		JU		1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<85.8		U	V	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	10.8				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	25,800		J	L	1,250	µg/L	GE	EPA353.1
0	pH	4.94		J	Q	0.100	pH	GE	EPA9040B
0	Specific conductance	244				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.54E-08±4.41E-09		J	I	9.90E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	4.52E-07±1.47E-08				6.70E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.88E-04±3.26E-06				4.68E-07	µCi/mL	ML	EPIA-002

WELL FSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: 67.92 ft (20.7 m) below TOC
 Water elevation: 218.28 ft (66.53 m) msl
 pH: 4.8
 Sp. conductance: 1,477 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 4 gal

Time: 8:58
 Water temperature: 23.5°C
 Air temperature: 21.6°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	Aluminum, total recoverable	1,060				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.308				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	1.84				1.00	µg/L	GE	EPA6020
2	Iron, total recoverable	497				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.41		J	I	2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	158,000			Y	5,000	µg/L	GE	EPA353.1
0	pH	4.80		J	Q	0.100	pH	GE	EPA9040B
2	Specific conductance	1,400				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.77E-08±2.73E-09				1.56E-09	µCi/mL	GP	EPIA-001

ESH-EMS-2000406

Well FSL 6D collected on 05/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Nonvolatile beta	1.80E-07±3.95E-09				1.95E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.97E-03±5.75E-05				4.38E-06	µCi/mL	GP	EPIA-002

WELL FSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 70.06 ft (21.35 m) below TOC
 Water elevation: 217.54 ft (66.31 m) msl
 pH: 4.3
 Sp. conductance: 382 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 10 gal

Time: 12:04
 Water temperature: 20.9°C
 Air temperature: 12.2°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	919				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.417				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	6.64				1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0		U		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	9.37				2.00	µg/L	GE	EPA6020
2	Nitrate-nitrite as nitrogen	42,000				1,250	µg/L	GE	EPA353.1
0	pH	4.47		J	Q	0.100	pH	GE	EPA9040B
0	pH	4.48		J	Q	0.100	pH	GE	EPA9040B
0	Specific conductance	8.48				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	3.14E-08±2.79E-09				7.72E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	5.86E-07±6.91E-09				1.10E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.57E-04±3.08E-06				5.81E-07	µCi/mL	ML	EPIA-002

WELL FSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
 Depth to water: 73.48 ft (22.4 m) below TOC
 Water elevation: 217.32 ft (66.24 m) msl
 pH: 5.1
 Sp. conductance: 75 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 10 gal

Time: 9:08
 Water temperature: 20.3°C
 Air temperature: 19.9°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
1	Aluminum, total recoverable	29.2		J	I	50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.127		J	I	0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.161		JU	V	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	28.2		J	I	50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	1.57		J	I	2.00	µg/L	GE	EPA6020
1	Nitrate-nitrite as nitrogen	6,150				250	µg/L	GE	EPA353.1
0	pH	4.79		J	Q	0.100	pH	GE	EPA9040B
0	pH	4.85		J	Q	0.100	pH	GE	EPA9040B
0	Specific conductance	72.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.88E-09±2.36E-09		U		8.67E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.21E-09±2.15E-09		U		6.46E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.69E-05±9.33E-07				5.58E-07	µCi/mL	ML	EPIA-002

WELL FSL 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 69.15 ft (21.08 m) below TOC
 Water elevation: 216.75 ft (66.07 m) msl
 pH: 4.7
 Sp. conductance: 96 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 36 gal

Time: 10:05
 Water temperature: 20.1°C
 Air temperature: 18.6°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
---	---------	--------	----	---	-----	-----	------	-----	--------

B-132

Second Quarter 2000

Well FSL 9D collected on 05/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	1,170				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	0.193	J	I		0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.256	JU		4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<107	U	V		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.382	JU		4	2.00	µg/L	GE	EPA6020
1	Nitrate-nitrite as nitrogen	8,200	J	L	I	250	µg/L	GE	EPA353.1
0	pH	4.50	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	93.3				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	6.54E-08±7.60E-09				8.54E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	1.05E-07±7.15E-09				6.36E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.62E-04±2.45E-06				4.68E-07	µCi/mL	ML	EPIA-002

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 45.32 ft (13.81 m) below TOC
 Water elevation: 220.68 ft (67.26 m) msl
 pH: 6.3
 Sp. conductance: 149 µS/cm
 Turbidity: 62 NTU
 Water evacuated from the well prior to sampling: 36 gal

Time: 9:55
 Water temperature: 23.5°C
 Air temperature: 22.6°C
 Total alkalinity (as CaCO₃): 65 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	<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	725				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	25,000				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	201				60.0	µg/L	ML	EPA6010B
0	Iron, total recoverable	11.7	J	I		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	477				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	9.57	J	I		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	8,030				675	µg/L	ML	EPA6010B
2	Thallium, total recoverable	154				20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	310				30.0	µg/L	ML	EPA6010B

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 41.43 ft (12.63 m) below TOC
 Water elevation: 220.17 ft (67.11 m) msl
 pH: 5.3
 Sp. conductance: 51 µS/cm
 Turbidity: 150 NTU
 Water evacuated from the well prior to sampling: 35 gal

Time: 8:45
 Water temperature: 22.2°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	<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	423				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	3,030				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

ESH-EMS-2000406

Well FSS 2D collected on 05/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Iron, total recoverable	52.2				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,260				185	µg/L	ML	EPA6010B
1	Manganese, total recoverable	38.6				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	636	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	8,700				675	µg/L	ML	EPA6010B
2	Thallium, total recoverable	72.9				20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	169				30.0	µg/L	ML	EPA6010B

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 40.06 ft (12.21 m) below TOC
 Water elevation: 218.14 ft (66.49 m) msl
 pH: 5.3
 Sp. conductance: 54 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 23 gal

Time: 7:55
 Water temperature: 20.4°C
 Air temperature: 14.9°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	<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	256				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	1,740				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
1	Iron, total recoverable	190				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,310				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	23.2				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	462	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	6,070				675	µg/L	ML	EPA6010B
2	Thallium, total recoverable	79.6				20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	115				30.0	µg/L	ML	EPA6010B

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 74.53 ft (22.72 m) below TOC
 Water elevation: 217.27 ft (66.22 m) msl
 pH: 5.3
 Sp. conductance: 45 µS/cm
 Turbidity: 43 NTU
 Water evacuated from the well prior to sampling: 42 gal

Time: 10:55
 Water temperature: 24°C
 Air temperature: 33.7°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	<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	394				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

B-133

Second Quarter 2000

Well FSS 4D collected on 05/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Iron, total recoverable	27.5	J	I	40.0		µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U		20.0		µg/L	ML	EPA6010B
0	Magnesium, total recoverable	784			185		µg/L	ML	EPA6010B
0	Manganese, total recoverable	11.6			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	7,090			675		µg/L	ML	EPA6010B
2	Thallium, total recoverable	112			20.0		µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U		30.0		µg/L	ML	EPA6010B
0	Zinc, total recoverable	159			30.0		µg/L	ML	EPA6010B

WELL HEX 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4
 Sp. conductance: 49 µS/cm
 Turbidity: 2 NTU
 The well was continuously pumping.

Time: 7:42
 Water temperature: 20.2°C
 Air temperature: 23.2°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	Aluminum, total recoverable	<108	U	V	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	6.14			5.00		µg/L	GE	EPA6010B
0	Benzene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.727			0.200		µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<0.971	JU	Q	0.971		µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromoforn	<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	580			100		µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloride	2,660			100		µg/L	GE	EPA9056
0	Chloride	2,780			100		µg/L	GE	EPA9056
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	1.20	J	I	5.00		µg/L	GE	EPA6010B
0	Cobalt, total recoverable	1.01	J	I	5.00		µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	L	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	Fluoride	<50.0	U		50.0		µg/L	GE	EPA9056
0	Iron, total recoverable	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Magnesium, total recoverable	350			20.0		µg/L	GE	EPA6010B
1	Manganese, total recoverable	25.9			10.0		µg/L	GE	EPA6010B
1	Mercury, total recoverable	1.74			0.200		µg/L	GE	EPA7470A
0	Nickel, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	2,970			150		µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	3,030			150		µg/L	GE	EPA353.1
0	Phenols	<5.00	JU	Q	5.00		µg/L	GE	EPA9066
0	Selenium, total recoverable	<2.68	JU	I	4	5.00	µg/L	GE	EPA6010B

ESH-EMS-2000406

Well HEX 1 collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Silica, total recoverable	7.990			213		µg/L	GE	EPA6010B
0	Silicon	3,730			100		µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Sodium, total recoverable	5,780			100		µg/L	GE	EPA6010B
0	Sulfate	1,570			200		µg/L	GE	EPA9056
0	Sulfate	1,470			200		µg/L	GE	EPA9056
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
1	Thallium, total recoverable	1.23			0.500		µg/L	GE	EPA6020
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
1	Trichloroethylene	2.50			1.00		µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Vanadium, total recoverable	1.13	J	I	5.00		µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Actinium-228	1.23E-09±8.68E-09	U		1.05E-08		µCi/mL	GP	EPIA-013
0	Americium-241	4.33E-10±8.58E-10	U		1.89E-09		µCi/mL	GP	EPIA-011
0	Antimony-125	1.92E-09±3.94E-09	U		6.94E-09		µCi/mL	GP	EPIA-013
0	Bismuth-212	4.54E-09±1.10E-08	U		2.05E-08		µCi/mL	GP	EPIA-013
0	Bismuth-214	2.79E-08±7.45E-09	U		4.99E-09		µCi/mL	GP	EPIA-013
0	Carbon-14	2.78E-08±2.47E-08	U		4.09E-08		µCi/mL	GP	EPIA-003
0	Cesium-134	-2.45E-10±1.50E-09	U		2.35E-09		µCi/mL	GP	EPIA-013
0	Cesium-137	7.06E-09±2.21E-09	J	I	4.37E-09		µCi/mL	GP	EPIA-013
0	Cobalt-60	4.39E-09±2.86E-09	J	I	3.76E-09		µCi/mL	GP	EPIA-013
0	Curium-242	1.59E-10±7.88E-10	U		2.03E-09		µCi/mL	GP	EPIA-011
0	Curium-243/244	2.06E-09±1.76E-09	U		3.19E-09		µCi/mL	GP	EPIA-011
0	Curium-245/246	3.35E-10±5.48E-10	U		1.01E-09		µCi/mL	GP	EPIA-011
0	Europium-152	1.58E-09±4.34E-09	U		7.54E-09		µCi/mL	GP	EPIA-013
0	Europium-154	-2.78E-09±4.54E-09	U		7.39E-09		µCi/mL	GP	EPIA-013
0	Europium-155	-3.79E-09±4.18E-09	U		7.04E-09		µCi/mL	GP	EPIA-013
0	Gross alpha	1.70E-09±5.53E-10	U		5.04E-10		µCi/mL	GP	EPIA-001
0	Iodine-129	-1.20E-09±4.75E-09	U		8.06E-09		µCi/mL	GP	EPIA-006
0	Lead-212	4.03E-09±2.77E-09	U		4.98E-09		µCi/mL	GP	EPIA-013
0	Nickel-63	-7.77E-09±1.93E-08	U		4.66E-08		µCi/mL	GP	EPIA-022
2	Nonvolatile beta	9.72E-08±2.75E-09			1.06E-09		µCi/mL	GP	EPIA-001
0	Plutonium-238	-5.31E-11±7.45E-10	U		2.10E-09		µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-7.96E-11±1.13E-10	U		1.03E-09		µCi/mL	GP	EPIA-011
0	Potassium-40	2.09E-09±3.11E-08	U		2.82E-08		µCi/mL	GP	EPIA-013
0	Promethium-146	1.21E-10±1.76E-09	U		3.02E-09		µCi/mL	GP	EPIA-013
0	Radium-226	1.05E-09±1.36E-09	U		2.26E-09		µCi/mL	GP	EPIA-008
1	Radium-228	2.62E-09±8.11E-10	J	I	1.39E-09		µCi/mL	GP	EPIA-009
2	Strontium-90	4.99E-08±8.94E-09	U		1.07E-08		µCi/mL	GP	EPIA-004
0	Technetium-99	-1.55E-09±5.64E-09	U		1.42E-08		µCi/mL	GP	EPIA-005
0	Thallium-208	1.87E-10±2.56E-09	U		3.02E-09		µCi/mL	GP	EPIA-013
0	Thorium-228	2.86E-10±5.74E-10	U		1.17E-09		µCi/mL	GP	EPIA-012
0	Thorium-230	-3.53E-11±7.07E-11	U		4.57E-10		µCi/mL	GP	EPIA-012
0	Thorium-232	-7.05E-11±1.00E-10	U		5.55E-10		µCi/mL	GP	EPIA-012
2	Tritium	4.36E-03±8.20E-05			4.86E-06		µCi/mL	GP	EPIA-002
0	Uranium-233/234	-2.98E-10±5.35E-10	U		2.17E-09		µCi/mL	GP	EPIA-011
0	Uranium-235	-4.61E-10±3.14E-10	U		2.10E-09		µCi/mL	GP	EPIA-011
0	Uranium-238	-1.45E-10±5.04E-10	U		1.92E-09		µCi/mL	GP	EPIA-011

WELL HEX 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.7
 Sp. conductance: 82 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 9:22
 Water temperature: 19.6°C
 Air temperature: 24°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	58.9			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	7.94			5.00		µg/L	GE	EPA6010B
0	Benzene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.0680	J	I	0.200		µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	JU	Q	1.00		µg/L	GE	EPA8270C

B-134

Second Quarter 2000

Well HEX 3 collected on 06/12/00 (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	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	825	U			100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	2,010				100	µg/L	GE	EPA9056
0	Chloride	1,850				100	µg/L	GE	EPA9056
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	4.00				5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	1.78				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	L	I	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	<1.31	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	25.4	J			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	694				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	187				10.0	µg/L	GE	EPA6010B
2	Mercury, total recoverable	2.80				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	5.23				5.00	µg/L	GE	EPA6010B
1	Nitrate-nitrite as nitrogen	6,600				250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	6,650				250	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	8,220				213	µg/L	GE	EPA6010B
0	Silicon	3,840				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	11,200				100	µg/L	GE	EPA6010B
0	Sulfate	2,670				200	µg/L	GE	EPA9056
0	Sulfate	2,620				200	µg/L	GE	EPA9056
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	0.381				0.500	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<30.0				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
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.14E-08±7.98E-09	U			1.59E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	2.60E-09±8.03E-09	U			1.48E-08	µCi/mL	GP	EPIA-013
0	Americium-241	9.14E-10±1.06E-09	U			1.94E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	2.59E-09±5.55E-09	U			9.95E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.46E-09±5.64E-09	U			1.00E-08	µCi/mL	GP	EPIA-013
0	Bismuth-212	-1.11E-09±1.70E-08	U			3.02E-08	µCi/mL	GP	EPIA-013
0	Bismuth-212	1.02E-08±1.47E-08	U			2.87E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.94E-08±8.09E-09	R			6.71E-09	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.98E-08±7.32E-09	J			6.85E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	8.99E-08±7.58E-09	U			8.20E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	9.11E-10±1.97E-09	U			3.28E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.81E-11±2.23E-09	U			3.49E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-3.00E-10±2.02E-09	U			3.60E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.48E-10±2.15E-09	U			3.89E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	7.96E-10±2.01E-09	U			3.97E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.09E-09±2.60E-09	U			4.94E-09	µCi/mL	GP	EPIA-013
0	Curium-242	4.65E-10±9.38E-10	U			2.08E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	7.08E-10±1.51E-09	U			3.30E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	7.79E-10±8.41E-10	U			1.09E-09	µCi/mL	GP	EPIA-011
0	Europium-152	1.96E-09±6.34E-09	U			1.12E-08	µCi/mL	GP	EPIA-013
0	Europium-152	9.18E-10±6.07E-09	U			1.05E-08	µCi/mL	GP	EPIA-013
0	Europium-154	3.96E-09±5.96E-09	U			1.19E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-4.61E-09±6.30E-09	U			1.05E-08	µCi/mL	GP	EPIA-013

ESH-EMS-2000406

Well HEX 3 collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Europium-155	5.69E-09±8.19E-09	U			1.41E-08	µCi/mL	GP	EPIA-013
0	Europium-155	3.94E-09±7.87E-09	U			1.42E-08	µCi/mL	GP	EPIA-013
1	Gross alpha	7.53E-09±2.24E-09				1.19E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	7.21E-09±1.31E-09				6.86E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-1.75E-09±2.62E-09	U			4.48E-09	µCi/mL	GP	EPIA-006
0	Lead-212	4.88E-09±4.42E-09	U			7.23E-09	µCi/mL	GP	EPIA-013
0	Lead-212	1.46E-09±5.17E-09	U			7.05E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	-4.92E-09±1.15E-08	U			2.82E-08	µCi/mL	GP	EPIA-022
2	Nonvolatile beta	5.33E-08±2.40E-09				1.22E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.09E-08±4.01E-09				2.20E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.11E-09±1.24E-09	U			2.27E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.38E-10±3.51E-10	U			1.06E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	4.14E-09±3.12E-08				3.66E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	5.01E-08±4.90E-08	J	I		3.83E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	1.39E-09±2.55E-09	U			4.60E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.80E-09±2.35E-09	U			4.57E-09	µCi/mL	GP	EPIA-013
1	Radium-226	4.04E-09±1.19E-09				8.72E-10	µCi/mL	GP	EPIA-008
1	Radium-226	3.58E-09±1.14E-09				8.98E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.27E-09±6.37E-10	J			1.21E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.23E-08±1.30E-09	J	L	I	1.13E-09	µCi/mL	GP	EPIA-004
2	Strontium-90	1.51E-08±1.66E-09	J	L	I	1.65E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1.04E-08±4.91E-09	J	I		9.63E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	2.21E-09±2.19E-09	U			4.22E-09	µCi/mL	GP	EPIA-013
0	Thallium-208	2.59E-09±2.14E-09	U			4.25E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	-2.23E-10±8.54E-10	U			2.01E-09	µCi/mL	GP	EPIA-012
0	Thorium-228	4.39E-10±8.96E-10	U			1.80E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	3.06E-10±7.09E-10	U			1.47E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	2.11E-10±3.03E-10	U			5.21E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.62E-10±6.12E-10	U			1.35E-09	µCi/mL	GP	EPIA-012
0	Thorium-232	-7.70E-11±2.32E-10	U			7.91E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.76E-04±5.47E-06				1.20E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	3.19E-10±4.70E-10	U			8.91E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.61E-12±2.80E-10	U			7.74E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	7.95E-11±2.55E-10	U			6.16E-10	µCi/mL	GP	EPIA-011

WELL HEX 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.4
 Sp. conductance: 129 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 10:12
 Water temperature: 19.5°C
 Air temperature: 28.4°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	151				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	21.4				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.143	J	I		0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	JU	Q		1.00	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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	1,570				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	2,360				100	µg/L	GE	EPA9056
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	<1.11	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	1.69	J	I		5.00	µg/L	GE	EPA6010B

Well HEX 4 collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	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	26.7	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	1,350				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	167				10.0	µg/L	GE	EPA6010B
2	Mercury, total recoverable	5.67				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	11,800				1,250	µg/L	GE	EPA6010B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	7,380				213	µg/L	GE	EPA6010B
0	Silicon	3,450				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	18,400				100	µg/L	GE	EPA6010B
0	Sulfate	833				200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	0.564	J	I		1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	0.0730	J	I		0.500	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<40.0		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
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.82E-09±7.96E-09	U			1.47E-08	µCi/mL	GP	EPIA-013
0	Americium-241	2.06E-10±8.66E-10	U			2.15E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	-9.59E-10±5.39E-09	U			9.74E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	1.33E-08±1.63E-08	U			3.20E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	2.16E-08±8.80E-09	J	I		6.76E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	6.76E-08±6.80E-09	U	V		7.92E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	3.60E-10±1.95E-09	U			3.23E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.92E-10±1.93E-09	U			3.65E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.80E-09±2.17E-09	U			4.89E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-5.19E-10±3.19E-10	U			2.07E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.99E-10±1.46E-09	U			3.38E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.07E-10±4.36E-10	U			1.28E-09	µCi/mL	GP	EPIA-011
0	Europium-152	-5.61E-09±6.63E-09	U			1.04E-08	µCi/mL	GP	EPIA-013
0	Europium-154	2.60E-09±5.42E-09	U			1.13E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-3.41E-09±7.49E-09	U			1.29E-08	µCi/mL	GP	EPIA-013
1	Gross alpha	1.14E-08±1.69E-09	U			8.24E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	1.05E-08±5.85E-09	U			1.26E-08	µCi/mL	GP	EPIA-006
0	Lead-212	1.43E-09±5.52E-09	U			7.47E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	2.03E-08±1.47E-08	U			3.60E-08	µCi/mL	GP	EPIA-022
2	Nonvolatile beta	1.00E-07±3.28E-09	U			1.24E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	2.09E-09±1.43E-09	U			2.32E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	5.61E-10±6.77E-10	U			1.21E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	3.13E-08±4.33E-08	U			3.16E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	-5.88E-10±2.46E-09	U			4.42E-09	µCi/mL	GP	EPIA-013
1	Radium-226	4.75E-09±1.23E-09	U			2.26E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.40E-09±6.55E-10	J	I		1.21E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	3.98E-08±2.79E-09	J	L	I	1.68E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	2.65E-08±5.96E-09	U			9.26E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	1.22E-09±1.94E-09	U			3.79E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	2.00E-10±6.37E-10	U			1.37E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	2.96E-10±3.48E-10	U			5.22E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.00E+00±2.00E-09	U			2.52E-10	µCi/mL	GP	EPIA-012
2	Tritium	7.78E-04±1.52E-05	U			2.09E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.19E-10±3.18E-10	U			5.54E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	8.81E-11±1.76E-10	U			2.64E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	0.00E+00±2.00E-09	U			2.63E-10	µCi/mL	GP	EPIA-011

WELL HEX 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 7.4
 Sp. conductance: 118 µS/cm
 Turbidity: 0 NTU
 The well was continuously pumping.

Time: 8:25
 Water temperature: 20.6°C
 Air temperature: 25.3°C
 Total alkalinity (as CaCO3): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	982				50.0	µg/L	GE	EPA6010B
2	Aluminum, total recoverable	891				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	24.6				5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	24.5				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	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Beryllium, total recoverable	0.237				0.200	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.210	J	I		1.60	µg/L	WA	EPA6010B
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.4	JU	Q		10.4	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<10.4	JU	Q		10.4	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	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromofom	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromofom	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromofom	<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	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	Calcium, total recoverable	707				100	µg/L	GE	EPA6010B
0	Calcium, total recoverable	646				471	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	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloride	5,980				100	µg/L	GE	EPA9056
0	Chloride	7,420				210	µg/L	WA	EPA9056
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	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	<1.00	U			1.00	µg/L	GE	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)	<1.00	U			1.00	µg/L	GE	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	<5.00	U			5.00	µg/L	GE	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	Chlorofom	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorofom	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorofom	<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	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	<0.900	JU	I	4	7.00	µg/L	WA	EPA6010B
0	Cobalt, total recoverable	1.54	J	I		5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	2.20	J	I		4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	3.49	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Cyanide	<5.00	JU	L	I	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	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	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

Well HEX 9 collected on 06/13/00 (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	1,2-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	<1.00	U			1.00	µg/L	GE	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	<1.00	U			1.00	µg/L	GE	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	<1.18	U		8	5.00	µg/L	GE	EPA8260B
0	Dichloromethane	<7.05	U	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.97	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	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	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	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	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	<24.9	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	Magnesium, total recoverable	700	U			20.0	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	684	U			74.0	µg/L	WA	EPA6010B
2	Manganese, total recoverable	137	U			10.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	139	U			7.80	µg/L	WA	EPA6010B
1	Mercury, total recoverable	1.76	U			0.200	µg/L	GE	EPA7470A
1	Mercury, total recoverable	1.85	U			0.700	µg/L	WA	EPA7470A
1	Mercury, total recoverable	1.84	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
1	Nitrate-nitrite as nitrogen	9,400	U			250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	9,650	U			500	µg/L	WA	EPA353.2
1	Nitrate-nitrite as nitrogen	9,480	U			500	µg/L	WA	EPA353.2
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	Silica, total recoverable	7,660	U			213	µg/L	GE	EPA6010B
0	Silica, total recoverable	7,270	U			1,350	µg/L	WA	EPA6010B
0	Silicon	3,580	U			100	µg/L	GE	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	Sodium, total recoverable	15,000	U			100	µg/L	GE	EPA6010B
0	Sodium, total recoverable	13,000	U			285	µg/L	WA	EPA6010B
0	Sulfate	526	U			200	µg/L	GE	EPA9056
0	Sulfate	903	U			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	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	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	<55.0	U			55.0	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	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Total phosphates (as P)	<40.0	U			50.0	µg/L	GE	EPA365.4
0	Total phosphates (as P)	<67.0	U			67.0	µg/L	WA	EPA365.2
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	1,1,1-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	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	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

Well HEX 9 collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vanadium, total recoverable	<1.02	U		6	5.00	µg/L	GE	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	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Zinc, total recoverable	5.95				5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	6.80	J	I		53.0	µg/L	WA	EPA6010B
0	Actinium-228	4.25E-10±1.21E-08	U			1.91E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	6.90E-10±2.96E-08	U			3.78E-08	µCi/mL	TM	EPA901.1M
0	Actinium-228	2.25E-08±3.05E-08	U			3.89E-08	µCi/mL	TM	EPA901.1M
0	Americium-241	-7.64E-12±9.52E-10	U			2.57E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	-3.21E-09±6.15E-09	U			1.03E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	5.86E-09±1.42E-08	U			2.35E-08	µCi/mL	TM	EPA901.1M
0	Antimony-125	-4.38E-09±1.50E-08	U			2.42E-08	µCi/mL	TM	EPA901.1M
0	Bismuth-212	-2.23E-08±2.65E-08	U			3.51E-08	µCi/mL	GP	EPIA-013
0	Bismuth-212	-1.49E-09±5.40E-08	U			7.64E-08	µCi/mL	TM	EPA901.1M
0	Bismuth-212	2.04E-08±5.29E-08	U			7.56E-08	µCi/mL	TM	EPA901.1M
0	Bismuth-214	3.20E-08±1.02E-08				7.72E-09	µCi/mL	GP	EPIA-013
0	Bismuth-214	7.61E-08±2.01E-08				1.86E-08	µCi/mL	TM	EPA901.1M
0	Bismuth-214	6.06E-08±1.79E-08				1.97E-08	µCi/mL	TM	EPA901.1M
0	Carbon-14	3.95E-08±6.14E-09	U	V		8.21E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	2.49E-10±2.40E-09				3.71E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	3.48E-09±6.03E-09				9.49E-09	µCi/mL	TM	EPA901.1M
0	Cesium-134	1.67E-09±6.14E-09				9.54E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	2.08E-09±2.44E-09				4.61E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.35E-09±5.90E-09				1.02E-08	µCi/mL	TM	EPA901.1M
0	Cesium-137	-2.63E-09±5.86E-09				1.00E-08	µCi/mL	TM	EPA901.1M
0	Cobalt-60	2.12E-09±3.16E-09				6.10E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.17E-08±1.39E-08				1.02E-08	µCi/mL	TM	EPA901.1M
0	Cobalt-60	5.90E-09±9.13E-09				1.04E-08	µCi/mL	TM	EPA901.1M
0	Curium-242	-3.80E-10±8.61E-10				2.78E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-6.35E-10±1.18E-09				3.43E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	8.33E-10±8.99E-10				1.17E-09	µCi/mL	GP	EPIA-011
0	Europium-152	8.86E-10±6.79E-09				1.20E-08	µCi/mL	GP	EPIA-013
0	Europium-152	-1.19E-08±3.99E-08				6.78E-08	µCi/mL	TM	EPA901.1M
2	Europium-152	8.76E-08±6.24E-08	R		4	7.07E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-9.43E-10±6.72E-09				1.22E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-4.09E-09±1.63E-08				2.78E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-1.84E-08±1.62E-08				2.57E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	1.91E-09±7.29E-09				1.23E-08	µCi/mL	GP	EPIA-013
0	Europium-155	9.59E-09±1.84E-08				2.18E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-3.77E-08±1.51E-08	JU			2.19E-08	µCi/mL	TM	EPA901.1M
1	Gross alpha	1.47E-08±2.04E-09				6.72E-10	µCi/mL	GP	EPIA-001
2	Gross alpha	2.76E-08±2.70E-09				1.26E-09	µCi/mL	TM	EPA900.0M
2	Gross alpha	3.01E-08±2.86E-09				1.31E-09	µCi/mL	TM	EPA900.0M
0	Iodine-129	7.92E-10±4.31E-09	U			7.63E-09	µCi/mL	GP	EPIA-006
2	Iodine-129	1.35E-08±2.94E-09				2.60E-09	µCi/mL	TM	EPA902.0M
2	Iodine-129	7.12E-09±2.35E-09	J	I		3.15E-09	µCi/mL	TM	EPA902.0M
0	Lead-212	3.15E-09±6.07E-09	U			6.04E-09	µCi/mL	GP	EPIA-013
0	Lead-212	3.96E-09±1.25E-08	U			1.39E-08	µCi/mL	TM	EPA901.1M
0	Lead-212	1.42E-09±1.25E-08	U			1.37E-08	µCi/mL	TM	EPA901.1M
0	Nickel-63	1.25E-08±1.30E-08	U			3.18E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	-6.01E-09±1.36E-08	U			2.33E-08	µCi/mL	TM	ASTM3500M
0	Nickel-63	-3.80E-09±1.35E-08	U			2.32E-08	µCi/mL	TM	ASTM3500M
2	Nonvolatile beta	5.10E-07±7.78E-09				1.30E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.47E-07±8.51E-09				1.66E-09	µCi/mL	TM	EPA900.0M
2	Nonvolatile beta	5.72E-07±8.73E-09				1.67E-09	µCi/mL	TM	EPA900.0M
0	Plutonium-238	1.01E-10±1.00E-09	U			2.11E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.60E-10±3.03E-10	U			6.19E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	1.20E-08±2.65E-08	U			5.11E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	-7.71E-08±8.23E-08	U			1.26E-07	µCi/mL	TM	EPA901.1M
0	Potassium-40	-8.86E-08±8.59E-08	U			1.31E-07	µCi/mL	TM	EPA901.1M
0	Promethium-146	-5.84E-11±3.10E-09	U			5.40E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	4.90E-09±1.04E-08	U			1.84E-08	µCi/mL	TM	EPA901.1M
0	Promethium-146	-2.50E-10±1.04E-08	U			1.81E-08	µCi/mL	TM	EPA901.1M
0	Radium-226	2.73E-09±1.05E-09	U		6	9.48E-10	µCi/mL	GP	EPIA-008
1	Radium-228	2.87E-09±8.81E-10	J	I		1.53E-09	µCi/mL	GP	EPIA-009
2	Radium-228	2.93E-07±7.39E-09	R		4	1.69E-09	µCi/mL	TM	EPA904.0M
2	Radium-228	3.24E-07±7.65E-09	R		4	1.98E-09	µCi/mL	TM	EPA904.0M
2	Strontium-90	2.04E-07±6.53E-09	J	L	I	2.04E-09	µCi/mL	GP	EPIA-004
2	Strontium-90	1.28E-07±4.46E-09				1.43E-09	µCi/mL	TM	EMLSR02M
2	Strontium-90	1.87E-07±5.29E-09				1.60E-09	µCi/mL	TM	EMLSR02M
0	Technetium-99	1.10E-08±4.64E-09	J	I		8.88E-09	µCi/mL	GP	EPIA-005
0	Technetium-99	2.31E-08±1.21E-08	J	I		1.98E-08	µCi/mL	TM	EICHROM
0	Technetium-99	3.56E-08±2.43E-08	U			4.01E-08	µCi/mL	TM	EICHROM
0	Thallium-208	3.10E-09±2.79E-09	U			5.22E-09	µCi/mL	GP	EPIA-013
0	Thallium-208	9.38E-09±3.06E-08	U			2.90E-08	µCi/mL	TM	EPA901.1M
0	Thallium-208	7.65E-09±2.93E-08	U			3.00E-08	µCi/mL	TM	EPA901.1M

Well HEX 9 collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Thorium-228	-2.75E-10±4.71E-10	U			1.33E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	2.95E-10±3.48E-10	U			5.22E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-8.06E-11±1.15E-10	U			6.34E-10	µCi/mL	GP	EPIA-012
2	Tritium	1.01E-03±1.98E-05				2.42E-06	µCi/mL	GP	EPIA-002
2	Tritium	7.93E-04±8.84E-05				9.66E-05	µCi/mL	TM	EPA906.0M
2	Tritium	8.48E-04±9.34E-05				1.02E-04	µCi/mL	TM	EPA906.0M
0	Uranium-233/234	7.65E-10±5.23E-10	J	I		5.08E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.21E-10±2.43E-10	U			5.10E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.41E-10±3.43E-10	U			6.18E-10	µCi/mL	GP	EPIA-011

WELL HEX 9 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 7.4
 Sp. conductance: 118 µS/cm
 Turbidity: 0 NTU
 The well was continuously pumping.

Time: 8:25
 Water temperature: 20.6°C
 Air temperature: 25.3°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	965				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	24.9				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.241				0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	675				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	6,390				100	µg/L	GE	EPA9056
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	1.75	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	L	I	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	<1.22	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	35.3	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	702				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	140				10.0	µg/L	GE	EPA6010B
1	Mercury, total recoverable	1.76				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
1	Nitrate-nitrite as nitrogen	9,300				250	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	7,640				213	µg/L	GE	EPA6010B
0	Silicon	3,570				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	15,000				100	µg/L	GE	EPA6010B
0	Sulfate	553				200	µg/L	GE	EPA9056
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	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B

ESH-EMS-2000406

Well HEX 9 collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Total phosphates (as P)	<40.0	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
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	<0.910	U		6	5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	4.89	J	I		5.00	µg/L	GE	EPA6010B
0	Actinium-228	9.66E-09±9.24E-09	U			1.61E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.41E-10±3.82E-10	U			9.80E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-4.64E-09±5.66E-09	U			9.08E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	3.63E-10±1.46E-08	U			2.65E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	2.69E-08±9.94E-09	U			6.43E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	3.40E-08±5.93E-09	U	V		8.15E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	2.44E-10±2.03E-09	U			3.24E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.20E-09±1.95E-09	U			3.74E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.89E-09±3.19E-09	R		4	5.05E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-4.90E-11±9.83E-11	U			1.08E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-8.92E-11±1.27E-10	U			1.16E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	8.62E-10±8.69E-10	R		4	6.46E-10	µCi/mL	GP	EPIA-011
0	Eurpium-152	2.51E-09±6.72E-09	U			1.19E-08	µCi/mL	GP	EPIA-013
0	Eurpium-154	5.42E-09±5.95E-09	U			1.22E-08	µCi/mL	GP	EPIA-013
0	Eurpium-155	-1.06E-08±8.93E-09	U			1.40E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	2.04E-08±2.27E-09	U			9.01E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	7.11E-09±4.94E-09	U			8.58E-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.72E-09±6.29E-09	U			6.53E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	1.75E-08±1.66E-08	U			4.04E-08	µCi/mL	GP	EPIA-022
2	Nonvolatile beta	5.18E-07±7.82E-09	U			1.25E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	6.26E-10±9.75E-10	U			1.88E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	8.19E-11±4.53E-10	U			1.05E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	1.85E-08±2.55E-08	U			5.00E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	1.60E-09±2.74E-09	U			4.44E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.25E-08±2.01E-09	U			8.76E-10	µCi/mL	GP	EPIA-008
1	Radium-228	4.31E-09±8.91E-10	U			1.33E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.87E-07±5.37E-09	J	L	I	1.64E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	9.75E-09±4.60E-09	J	I		9.02E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	2.07E-09±4.42E-09	U			4.39E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	2.65E-10±5.63E-10	U			1.16E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	4.00E-10±3.63E-10	J	I		2.40E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.00E+00±2.00E-09	U			2.40E-10	µCi/mL	GP	EPIA-012
2	Tritium	9.85E-04±1.93E-05	U			2.37E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	5.99E-10±6.46E-10	U			8.41E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	8.31E-11±3.38E-10	U			9.94E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	8.28E-11±3.37E-10	U			9.91E-10	µCi/mL	GP	EPIA-011

WELL HEX 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6.7
 Sp. conductance: 228 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 13:28
 Water temperature: 21.9°C
 Air temperature: 38.7°C
 Total alkalinity (as CaCO₃): 51 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	37.0	J	I		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	54.4				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.371				0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	JU	Q		1.00	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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	19,900				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	2,710				100	µg/L	GE	EPA9056
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

B-138

Second Quarter 2000

Well HEX 12 collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	2.00	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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	L	I	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	<1.40	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	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	2,190				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	22.0				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	0.185	J	I		0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	3.10	J	I		5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	20,000				1,250	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	19,800				213	µg/L	GE	EPA6010B
0	Silicon	9,240				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	19,900				100	µg/L	GE	EPA6010B
0	Sulfate	822				200	µg/L	GE	EPA9056
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	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<100		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
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	12.5				5.00	µg/L	GE	EPA6010B
0	Actinium-228	3.44E-09±6.58E-09	U			1.20E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-1.88E-10±8.24E-10	U			2.43E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	3.44E-09±4.32E-09	U			8.52E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	6.31E-09±1.31E-08	U			2.42E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.59E-08±6.79E-09	J	I		5.69E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.15E-07±2.84E-08				4.19E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	1.64E-10±1.71E-09	U			2.70E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-4.56E-11±1.80E-09	U			3.18E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-3.73E-10±1.72E-09	U			3.08E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-7.61E-10±5.95E-10	U			2.64E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-2.39E-10±1.23E-09	U			3.24E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	3.69E-10±6.03E-10	U			1.11E-09	µCi/mL	GP	EPIA-011
0	Europium-152	-3.65E-10±5.27E-09	U			8.80E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.18E-09±4.01E-09	U			7.87E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.40E-09±5.99E-09	U			1.07E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.71E-09±1.02E-09	J	I		1.03E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	1.84E-09±3.78E-09	U			9.00E-09	µCi/mL	GP	EPIA-006
0	Lead-212	3.57E-11±4.99E-09	U			5.49E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	-1.75E-09±1.41E-08	U			3.41E-08	µCi/mL	GP	EPIA-022
2	Nonvolatile beta	5.31E-08±2.61E-09				1.34E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	8.74E-10±1.43E-09	U			3.01E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-4.44E-10±6.70E-10	U			2.43E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	2.59E-08±2.09E-08	U			4.22E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	6.21E-10±2.09E-09	U			3.82E-09	µCi/mL	GP	EPIA-013
1	Radium-226	2.87E-09±1.70E-09	J	I		1.90E-09	µCi/mL	GP	EPIA-008
0	Radium-228	7.97E-10±6.15E-10	U			1.24E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	9.89E-10±4.28E-09	U			1.01E-08	µCi/mL	GP	EPIA-004
0	Technetium-99	9.53E-08±9.56E-09	U			9.19E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	1.33E-09±3.01E-09	U			3.77E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	-2.23E-10±8.56E-10	U			2.01E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	2.95E-11±6.31E-10	U			1.47E-09	µCi/mL	GP	EPIA-012
0	Thorium-232	-2.21E-11±5.53E-10	U			1.35E-09	µCi/mL	GP	EPIA-012
2	Tritium	2.71E-03±5.31E-05				3.85E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	5.22E-10±7.09E-10	U			1.30E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	0.00E+00±2.00E-09	U			5.17E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	8.93E-11±3.63E-10	U			1.07E-09	µCi/mL	GP	EPIA-011

WELL HEX 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.2
 Sp. conductance: 295 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 8:32
 Water temperature: 21.8°C
 Air temperature: 27.2°C
 Total alkalinity (as CaCO3): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	2,730				50.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<3.62	JU	I	4	10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	68.5				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.101	J	I		0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<0.980	JU	Q		0.980	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	1.62	J	I		5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	2,520				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	1,690				100	µg/L	GE	EPA9056
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	19.8				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	3.59	J	I		5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	L	I	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	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	988				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	817				10.0	µg/L	GE	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	20.3				5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	28,000				2,500	µg/L	GE	EPA353.1
0	Phenols	<5.00	JU	Q		5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	24,200				213	µg/L	GE	EPA6010B
0	Silicon	11,300				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	29,700				100	µg/L	GE	EPA6010B
0	Sulfate	2,510				200	µg/L	GE	EPA9056
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	<0.260	JU	I	4	0.500	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<40.0	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
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	42.4				5.00	µg/L	GE	EPA6010B
0	Actinium-228	7.51E-09±1.12E-08	U			1.58E-08	µCi/mL	GP	EPIA-013
0	Americium-241	9.93E-10±1.27E-09	U			2.40E-09	µCi/mL	GP	EPIA-011
0	Americium-241	9.75E-10±1.08E-09	U			1.92E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	1.21E-09±4.75E-09	U			8.36E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	7.27E-09±1.77E-08	U			2.43E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	4.62E-08±1.01E-08				6.34E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.03E-07±2.77E-08				4.14E-08	µCi/mL	GP	EPIA-003

Well HEX 16 collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cesium-134	-3.50E-09±1.97E-09	U			2.96E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-2.10E-10±2.10E-09	U			3.64E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.14E-08±6.44E-09	U			4.60E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-9.62E-10±4.98E-10	U			3.03E-09	µCi/mL	GP	EPIA-011
0	Curium-242	9.68E-10±1.10E-09	U			1.97E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-4.20E-10±1.47E-09	U			4.01E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.36E-09±1.71E-09	U			3.42E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.07E-09±1.22E-09	U			2.00E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.00E+00±2.00E-09	U			6.33E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-2.99E-10±5.52E-09	U			9.20E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.95E-09±4.71E-09	U			8.60E-09	µCi/mL	GP	EPIA-013
0	Europium-155	6.35E-09±7.13E-09	U			1.28E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	2.72E-08±2.29E-09				6.18E-10	µCi/mL	GP	EPIA-001
2	Gross alpha	2.82E-08±2.39E-09				5.37E-10	µCi/mL	GP	EPIA-001
2	Iodine-129	1.08E-07±2.89E-08				2.09E-08	µCi/mL	GP	EPIA-006
0	Lead-212	3.24E-09±5.29E-09	U			5.79E-09	µCi/mL	GP	EPIA-013
2	Nickel-63	1.20E-07±3.08E-08	J	I		7.48E-08	µCi/mL	GP	EPIA-022
2	Nonvolatile beta	1.10E-06±9.21E-09				1.05E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.14E-06±9.42E-09				9.96E-10	µCi/mL	GP	EPIA-001
0	Plutonium-238	5.92E-11±6.27E-10	U			1.74E-09	µCi/mL	GP	EPIA-011
0	Plutonium-238	-3.04E-10±6.90E-10	U			2.23E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.25E-10±3.38E-10	U			8.67E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	2.63E-10±6.19E-10	U			1.45E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	2.21E-09±3.16E-08	U			3.58E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	1.87E-09±2.89E-09	U			3.75E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.43E-08±3.67E-09				2.41E-09	µCi/mL	GP	EPIA-008
0	Radium-228	7.59E-10±5.28E-10	U			1.01E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	4.52E-07±2.17E-08				9.47E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	7.97E-08±1.10E-08				1.38E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	6.32E-10±2.95E-09	U			2.93E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	9.92E-11±5.00E-10	U			1.13E-09	µCi/mL	GP	EPIA-012
0	Thorium-228	-4.14E-11±6.47E-10	U			1.49E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	5.47E-10±4.21E-10	U	V		2.34E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.73E-10±3.22E-10	U			4.83E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.00E+00±2.00E-09	U			2.34E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	7.77E-11±1.56E-10	U			2.33E-10	µCi/mL	GP	EPIA-012
2	Tritium	4.34E-03±8.51E-05				5.08E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.57E-09±1.81E-09	U			2.67E-09	µCi/mL	GP	EPIA-011
0	Uranium-233/234	1.53E-09±1.14E-09	J	I		1.28E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	2.01E-09±1.49E-09	R		4	1.95E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	4.67E-10±6.56E-10	U			1.15E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	1.24E-09±1.07E-09	J	I		1.14E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	1.11E-09±9.16E-10	J	I		5.54E-10	µCi/mL	GP	EPIA-011

WELL HEX 17R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.1
 Sp. conductance: 206 µS/cm
 Turbidity: 2 NTU
 The well was continuously pumping.

Time: 14:03
 Water temperature: 23°C
 Air temperature: 38.1°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	1.300				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	35.5				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.650				0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	JU	Q		1.00	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	0.785	J	I		5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	1.540				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	2.210				100	µg/L	GE	EPA9056
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

ESH-EMS-2000406

Well HEX 17R collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Chromium, total recoverable	4.00	J	I		5.00	µg/L	GE	EPA6010
0	Cobalt, total recoverable	9.01				5.00	µg/L	GE	EPA6010
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010
0	Cyanide	<5.00	JU	L	I	5.00	µg/L	GE	EPA9012
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Dichloromethane	<1.58	U		8	5.00	µg/L	GE	EPA8260
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Iron, total recoverable	26.8	J	I		50.0	µg/L	GE	EPA6010
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010
0	Magnesium, total recoverable	739				20.0	µg/L	GE	EPA6010
2	Manganese, total recoverable	376				10.0	µg/L	GE	EPA6010
0	Mercury, total recoverable	0.350				0.200	µg/L	GE	EPA7470
0	Nickel, total recoverable	15.0				5.00	µg/L	GE	EPA6010
2	Nitrate-nitrite as nitrogen	19,800				1,250	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010
0	Silica, total recoverable	14,100				213	µg/L	GE	EPA6010
0	Silicon	6,590				100	µg/L	GE	EPA6010
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010
0	Sodium, total recoverable	27,000				100	µg/L	GE	EPA6010
0	Sulfate	2,930				200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Thallium, total recoverable	<0.243	JU	I	4	0.500	µg/L	GE	EPA6020
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260
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	EPA8260
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010
0	Zinc, total recoverable	21.1				5.00	µg/L	GE	EPA6010
0	Actinium-228	6.24E-09±6.93E-09	U			1.30E-08	µCi/mL	GP	EPIA-013
0	Americium-241	2.61E-10±1.16E-09	U			2.87E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	3.99E-09±4.42E-09	U			8.33E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	1.00E-08±1.40E-08	U			2.60E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	2.20E-08±8.65E-09	J	I		5.28E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	6.87E-08±2.64E-08	J	I		4.12E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	-9.20E-10±1.74E-09	U			2.53E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-5.47E-10±1.90E-09	U			3.27E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.80E-08±4.60E-09	U			3.00E-09	µCi/mL	GP	EPIA-013
0	Curium-242	6.95E-10±1.26E-09	U			2.71E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.11E-09±2.06E-09	U			4.43E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.62E-10±7.55E-10	U			1.91E-09	µCi/mL	GP	EPIA-011
0	Europium-152	-1.85E-09±4.86E-09	U			8.51E-09	µCi/mL	GP	EPIA-013
0	Europium-154	5.34E-10±4.41E-09	U			8.41E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.78E-09±6.26E-09	U			1.09E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	2.68E-08±2.71E-09				1.02E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	2.08E-08±1.05E-08	U			2.37E-08	µCi/mL	GP	EPIA-006
0	Lead-212	5.56E-09±3.46E-09	U			6.13E-09	µCi/mL	GP	EPIA-013
2	Nickel-63	8.20E-08±1.90E-08	J	I		4.57E-08	µCi/mL	GP	EPIA-022
2	Nickel-63	8.52E-08±2.52E-08	J	I		6.13E-08	µCi/mL	GP	EPIA-022
2	Nonvolatile beta	8.39E-07±1.00E-08				1.52E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.02E-09±1.15E-09	U			2.14E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	2.62E-10±5.03E-10	U			1.07E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	4.18E-08±3.71E-08	J	I		2.99E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	4.27E-10±2.04E-09	U			3.69E-09	µCi/mL	GP	EPIA-013
2	Radium-226	1.81E-08±4.01E-09				1.67E-09	µCi/mL	GP	EPIA-008
0	Radium-228	2.28E-09±7.18E-10	J	I		1.27E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	3.04E-07±1.88E-08				1.23E-08	µCi/mL	GP	EPIA-004
0	Technetium-99	6.02E-08±8.05E-09	U			9.41E-09	µCi/mL	GP	EPIA-005
0	Technetium-99	5.95E-08±8.18E-09	U			9.73E-09	µCi/mL	GP	EPIA-005
0	Technetium-99	6.02E-08±8.05E-09	U			9.41E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	9.12E-11±2.76E-09	U			3.43E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	9.46E-11±5.11E-10	U			1.14E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	1.76E-10±2.52E-10	U			4.34E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.00E+00±2.00E-09	U			2.10E-10	µCi/mL	GP	EPIA-012
2	Tritium	2.71E-03±5.17E-05				3.73E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.89E-10±8.63E-10	U			1.59E-09	µCi/mL	GP	EPIA-011

Well HEX 17R collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Uranium-235	8.80E-11±3.58E-10	U			1.05E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	2.97E-10±4.86E-10	U			8.91E-10	µCi/mL	GP	EPIA-011

WELL HEX 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5
 Sp. conductance: 140 µS/cm
 Turbidity: 0 NTU
 The well was continuously pumping.

Time: 11:15
 Water temperature: 21.3°C
 Air temperature: 34.7°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	932				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	21.2				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.323				0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	1.030				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	5.210				100	µg/L	GE	EPA9056
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	2.48	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	2.36	J	I		5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	L	I	5.00	µg/L	GE	EPA9012A
0	Cyanide	<5.00	JU	L	I	5.00	µg/L	GE	EPA9012A
0	Cyanide	<5.00	JU	L	I	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	<1.26			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	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	652				20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	101				10.0	µg/L	GE	EPA6010B
2	Mercury, total recoverable	7.88				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	11.900				250	µg/L	GE	EPA353.1
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	9.060				213	µg/L	GE	EPA6010B
0	Silicon	4.240				100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	19,000				100	µg/L	GE	EPA6010B
0	Sulfate	1.770				200	µg/L	GE	EPA9056
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	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
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

ESH-EMS-2000406

Well HEX 18 collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	9.26				5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.42E-08±1.60E-08	U			2.53E-08	µCi/mL	GP	EPIA-013
0	Americium-241	7.71E-10±9.81E-10	U			1.87E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	-5.92E-10±8.14E-09	U			1.43E-08	µCi/mL	GP	EPIA-013
0	Bismuth-212	9.19E-09±2.98E-08	U			4.70E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	2.02E-08±1.08E-08	R		4	1.57E-08	µCi/mL	GP	EPIA-013
0	Carbon-14	4.15E-08±6.23E-09	U	V		8.25E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	-1.62E-09±3.45E-09	U			4.92E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.60E-09±5.38E-09	U			5.70E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.67E-09±3.45E-09	U			6.68E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.13E-09±1.14E-09	U			1.91E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.21E-09±1.85E-09	U			3.33E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.05E-10±4.11E-10	U			6.15E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.94E-09±8.72E-09	U			1.56E-08	µCi/mL	GP	EPIA-013
0	Europium-154	1.30E-08±9.41E-09	U			1.87E-08	µCi/mL	GP	EPIA-013
0	Europium-155	4.73E-09±1.23E-08	U			2.11E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	1.53E-08±2.02E-09	U			8.91E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	6.50E-09±1.66E-08	U			1.35E-08	µCi/mL	GP	EPIA-006
0	Lead-212	4.97E-09±1.15E-08	U			1.13E-08	µCi/mL	GP	EPIA-013
0	Nickel-63	-6.06E-09±1.75E-08	U			4.29E-08	µCi/mL	GP	EPIA-022
2	Nonvolatile beta	4.99E-07±7.71E-09	U			1.57E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-1.48E-10±9.41E-10	U			2.09E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-4.46E-11±2.30E-10	U			7.56E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	3.95E-08±6.99E-08	U			5.50E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	4.91E-10±3.94E-09	U			7.02E-09	µCi/mL	GP	EPIA-013
0	Radium-226	2.29E-09±8.74E-10	J	I		7.11E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.43E-09±7.58E-10	J	I		1.29E-09	µCi/mL	GP	EPIA-009
2	Strontium-90	1.87E-07±5.80E-09	J	L	I	1.63E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	1.06E-08±4.70E-09	J	I		9.08E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	6.02E-09±5.89E-09	U			7.06E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	2.06E-10±7.36E-10	U			1.56E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	2.86E-10±3.37E-10	U			5.06E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.00E+00±2.00E-09	U			2.44E-10	µCi/mL	GP	EPIA-012
2	Tritium	1.44E-03±2.82E-05	U			2.94E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.78E-10±6.53E-10	U			1.53E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.72E-10±1.73E-10	U			1.35E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	8.05E-10±8.13E-10	U			1.11E-09	µCi/mL	GP	EPIA-011

WELL HEX 19R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.5
 Sp. conductance: 154 µS/cm
 Turbidity: 2 NTU
 The well was continuously pumping.

Time: 10:02
 Water temperature: 20.9°C
 Air temperature: 29°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	1,200				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	68.8				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.628				0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	2,090				100	µg/L	GE	EPA6010B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloride	1,940				100	µg/L	GE	EPA9056
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	0.556	J	I		1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	7.40				5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

B-141

Second Quarter 2000

Well HEX 19R collected on 06/13/00 (cont.)

0	Cyanide	<5.00	JU	L	I	5.00	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<1.33	UU		8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	Iron, total recoverable	<50.0	UU			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	UU			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	1,480	UU			20.0	µg/L	GE	EPA6010B
2	Manganese, total recoverable	318	UU			10.0	µg/L	GE	EPA6010B
2	Mercury, total recoverable	2.57	UU			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	4.61	J	I		5.00	µg/L	GE	EPA6010B
2	Nitrate-nitrite as nitrogen	15,000	UU			250	µg/L	GE	EPA353.1
0	Phenols	<5.00	UU			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	UU			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	7,240	UU			213	µg/L	GE	EPA6010B
0	Silicon	3,380	UU			100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	UU			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	16,900	UU			100	µg/L	GE	EPA6010B
0	Sulfate	<200	UU			200	µg/L	GE	EPA9056
0	1,1,2,2-Tetrachloroethane	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<0.500	UU			0.500	µg/L	GE	EPA6020
0	Toluene	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	Total phosphates (as P)	<30.0	UU	V		50.0	µg/L	GE	EPA365.4
0	Total phosphates (as P)	<30.0	UU	V		50.0	µg/L	GE	EPA365.4
0	1,1,1-Trichloroethane	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	UU			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<5.00	UU			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	9.19	UU			5.00	µg/L	GE	EPA6010B
0	Actinium-228	1.71E-08±9.85E-09	U			2.01E-08	µCi/mL	GP	EPIA-013
0	Americium-241	6.12E-11±4.73E-10	U			1.52E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	-3.06E-09±6.56E-09	U			1.11E-08	µCi/mL	GP	EPIA-013
0	Bismuth-212	3.53E-08±2.09E-08	U			4.10E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	5.68E-08±1.31E-08	U			8.15E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	9.07E-08±1.50E-08	U	V		2.04E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	-5.52E-10±2.56E-09	U			3.78E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-9.32E-10±2.75E-09	U			4.61E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.27E-10±3.08E-09	U			5.53E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.15E-10±1.64E-10	U			1.50E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.58E-10±1.83E-10	U			1.52E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.27E-09±1.15E-09	R		4	7.61E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-1.86E-09±6.72E-09	U			1.16E-08	µCi/mL	GP	EPIA-013
0	Europium-154	3.40E-09±7.22E-09	U			1.40E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-1.65E-09±7.96E-09	U			1.31E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	3.01E-08±2.70E-09	U			5.74E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	3.79E-09±4.35E-09	U			8.68E-09	µCi/mL	GP	EPIA-006
0	Lead-212	5.40E-10±6.52E-09	U			6.56E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	1.27E-08±1.14E-08	U			2.78E-08	µCi/mL	GP	EPIA-022
2	Nonvolatile beta	6.21E-07±8.48E-09	U			1.22E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.60E-10±6.97E-10	U			1.50E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-4.34E-11±2.24E-10	U			7.34E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	4.55E-08±3.02E-08	U			6.29E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	7.95E-10±3.20E-09	U			5.68E-09	µCi/mL	GP	EPIA-013
2	Radium-226	8.75E-09±1.67E-09	J	I		7.46E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.89E-09±5.54E-10	J	I		9.63E-10	µCi/mL	GP	EPIA-009
2	Strontium-90	1.94E-07±5.16E-09	J	L	I	1.30E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	2.03E-08±5.64E-09	J	I		9.53E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	4.18E-09±3.97E-09	J	I		5.31E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	-9.56E-11±4.90E-10	J	I		1.23E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	7.04E-10±5.14E-10	J	I		5.88E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-3.74E-11±7.49E-11	J	I		4.84E-10	µCi/mL	GP	EPIA-012
2	Tritium	8.43E-04±1.66E-05	U			2.19E-06	µCi/mL	GP	EPIA-002
0	Uranium-233/234	4.94E-10±5.73E-10	U			4.94E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	2.90E-10±4.75E-10	U			8.71E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	4.54E-10±5.78E-10	U			8.68E-10	µCi/mL	GP	EPIA-011

WELL HEX500TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 8.04
 Sp. conductance: 5,013 µS/cm
 Turbidity: 4 NTU
 No water was evacuated from the well prior to sampling.

Time: 15:45
 Water temperature: 320°C
 Air temperature: 28°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	614	J	K	I	15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.178	JU	V	4	2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<4.29	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	23.5	J	K	I	2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.284	J	K	I	0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	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	<0.363	JU	I	4	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	<3.47	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	4.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<1.21	JU	I	4	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	28.8	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
2	Mercury, total recoverable	2.90	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	4.89	U			2.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<0.521	JU	V	4	3.00	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	0.863	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			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	0.338	J	I		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<10.9	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	97.4	U			10.0	µg/L	GE	EPA6020
0	Actinium-228	1.75E-09±2.51E-08	U			2.01E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	1.99E-08±2.08E-08	U			2.18E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-3.56E-10±8.06E-10	U			1.98E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	5.25E-09±9.97E-09	U			1.26E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	5.52E-10±6.67E-09	U			1.14E-08	µCi/mL	GP	EPIA-013
0	Carbon-14	3.73E-08±6.12E-09	U			8.35E-09	µCi/mL	GP	EPIA-003
0	Carbon-14	3.84E-08±6.30E-09	U			8.60E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	8.56E-09±1.52E-08	U			2.65E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	5.63E-09±1.73E-08	U			2.84E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.88E-10±2.74E-09	U			4.20E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-6.98E-09±2.92E-09	JU			4.31E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	8.88E-10±2.86E-09	U			4.58E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-7.19E-11±2.75E-09	U			4.83E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.83E-09±2.31E-09	U			3.21E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	2.44E-10±2.07E-09	U			3.44E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.81E-09±3.50E-09	U			4.49E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.51E-09±5.09E-09	J	I		5.29E-09	µCi/mL	GP	EPIA-013

Well HEX500TK collected on 04/11/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Curium-242	-2.66E-10±4.33E-10	U			1.35E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-6.52E-11±9.69E-10	U			2.16E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.69E-10±4.42E-10	U			9.92E-10	µCi/mL	GP	EPIA-011
0	Europium-152	4.09E-09±6.92E-09	U			1.27E-08	µCi/mL	GP	EPIA-013
0	Europium-152	1.03E-09±7.39E-09	U			1.27E-08	µCi/mL	GP	EPIA-013
0	Europium-154	1.52E-09±7.73E-09	U			1.45E-08	µCi/mL	GP	EPIA-013
0	Europium-154	6.11E-10±8.63E-09	U			1.37E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-5.65E-09±8.14E-09	U			1.36E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-3.44E-10±9.12E-09	U			1.51E-08	µCi/mL	GP	EPIA-013
2	Iodine-129	7.99E-09±3.41E-09	J	I		2.53E-09	µCi/mL	GP	EPIA-006
2	Iodine-129	1.04E-08±2.96E-09	U			1.38E-09	µCi/mL	GP	EPIA-006
0	Lead-212	6.72E-09±4.68E-09	U			8.27E-09	µCi/mL	GP	EPIA-013
0	Lead-212	1.82E-09±8.90E-09	U			8.93E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.93E-10±2.77E-09	U			4.88E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.50E-09±2.42E-09	U			3.64E-09	µCi/mL	GP	EPIA-013
1	Nickel-63	3.79E-08±1.27E-08	J	I		3.10E-08	µCi/mL	GP	EPIA-022
1	Nickel-63	4.16E-08±1.43E-08	J	I		3.49E-08	µCi/mL	GP	EPIA-022
0	Plutonium-238	9.22E-10±1.00E-09	U			1.29E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	0.00E+00±2.01E-09	U			7.35E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	5.18E-08±5.75E-08	U			4.54E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	2.62E-08±5.80E-08	U			4.31E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	4.56E-09±3.66E-09	U			4.76E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	2.01E-09±2.68E-09	U			4.89E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.54E-09±2.90E-09	U			4.99E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-5.33E-10±3.11E-09	U			5.22E-09	µCi/mL	GP	EPIA-013
1	Radium-226	3.33E-09±1.12E-09	U			9.20E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.36E-09±6.59E-10	J	I		1.10E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-2.31E-09±2.15E-08	U			3.78E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.34E-08±2.50E-08	U			3.65E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	5.31E-10±2.76E-09	U			5.19E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	2.49E-10±3.09E-09	U			4.90E-09	µCi/mL	GP	EPIA-013
2	Strontium-89/90	1.90E-07±4.17E-09	U			1.01E-09	µCi/mL	GP	EPIA-004
2	Strontium-89/90	1.90E-07±4.12E-09	U			8.15E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	1.74E-08±1.17E-08	U			2.51E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	1.56E-08±1.15E-08	U			2.49E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.22E-10±9.55E-10	U			1.93E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	1.46E-10±3.80E-10	U			8.24E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	7.35E-11±2.35E-10	U			5.70E-10	µCi/mL	GP	EPIA-012
0	Uranium-233/234	6.10E-10±7.64E-10	U			1.29E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	-4.48E-11±8.98E-11	U			9.85E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	3.72E-10±5.29E-10	U			5.58E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	2.25E-09±5.68E-09	U			5.30E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	2.70E-09±2.70E-09	U			5.63E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	5.62E-09±6.73E-09	U			9.74E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	6.56E-09±1.29E-08	U			1.00E-08	µCi/mL	GP	EPIA-013

WELL HIN600TK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.6
 Sp. conductance: 140 µS/cm
 Turbidity: 0 NTU
 The well was continuously pumping.

Time: 14:15
 Water temperature: 20.6°C
 Air temperature: 27°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	14.5	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	<3.38	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<1.39	U	V		2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	0.0420	J	I		0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<0.990	U			0.990	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	<0.593	U	V		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

ESH-EMS-2000406

Well HIN600TK collected on 04/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	<2.57	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.706	U	V		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	23.9	J	IK	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<0.613	U	V		2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	0.750	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<1.00	U	V		2.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<1.02	U	V		3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.737	U	V		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	<2.00	U			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	<8.11	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Actinium-228	8.52E-10±6.08E-09	U			1.08E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.70E-10±2.79E-10	U			5.11E-10	µCi/mL	GP	EPIA-011
0	Americium-241	5.64E-10±4.33E-10	J	I		2.42E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-1.06E-10±4.42E-09	U			7.44E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	9.51E-09±5.45E-09	J	I		8.84E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	-1.91E-10±1.09E-08	U			1.91E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.89E-10±1.73E-09	U			2.65E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.39E-09±1.59E-09	U			3.03E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-2.55E-10±1.33E-09	U			2.33E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.63E-11±1.63E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-2.47E-11±4.95E-11	U			5.43E-10	µCi/mL	GP	EPIA-011
0	Curium-242	6.51E-11±1.76E-10	U			4.52E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.71E-11±2.10E-10	U			6.73E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	8.07E-11±1.62E-10	U			2.42E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.25E-10±3.19E-10	U			3.37E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	9.36E-11±1.88E-10	U			2.81E-10	µCi/mL	GP	EPIA-011
0	Europium-152	7.98E-10±4.77E-09	U			8.17E-09	µCi/mL	GP	EPIA-013
0	Europium-154	7.57E-11±4.46E-09	U			8.32E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.11E-09±5.95E-09	U			1.07E-08	µCi/mL	GP	EPIA-013
2	Iodine-129	3.07E-09±7.23E-10	J	K	C	4.39E-10	µCi/mL	GP	EPIA-006
0	Lead-212	3.85E-09±3.16E-09	U			5.64E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-9.02E-10±1.60E-09	U			2.68E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	-1.57E-09±7.24E-09	U			1.78E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	1.63E-08±9.45E-09	U			2.31E-08	µCi/mL	GP	EPIA-022
0	Plutonium-238	9.03E-11±1.73E-10	U			3.70E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	3.28E-10±2.99E-10	J	I		1.97E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.66E-11±1.29E-10	U			4.13E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	0.00E+00±2.01E-09	U			1.97E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	1.70E-08±3.12E-08	U			3.61E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.03E-10±1.42E-09	U			2.52E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.71E-09±2.20E-09	U			3.46E-09	µCi/mL	GP	EPIA-013
0	Radium-226	1.68E-09±8.06E-10	J	I		7.80E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.89E-10±9.73E-10	U			2.13E-09	µCi/mL	GP	EPIA-009
0	Radium-228	2.03E-10±6.06E-10	U			1.33E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-1.62E-09±1.36E-08	U			2.41E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.84E-11±1.59E-09	U			2.97E-09	µCi/mL	GP	EPIA-013
0	Strontium-89/90	2.64E-09±8.48E-10	J	I		1.45E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	6.67E-09±4.38E-09	U			9.74E-09	µCi/mL	GP	EPIA-005
0	Technetium-99	1.13E-08±4.76E-09	J	I		1.01E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-1.47E-10±1.82E-10	U			4.95E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	-3.39E-12±2.31E-10	U			5.17E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.42E-10±1.46E-10	U			2.26E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.57E-10±1.66E-10	J	I		7.72E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.31E-11±2.62E-11	U			1.63E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	0.00E+00±2.00E-09	U			7.72E-11	µCi/mL	GP	EPIA-012
0	Uranium-233/234	1.61E-10±2.85E-10	U			5.97E-10	µCi/mL	GP	EPIA-011

Well HIN600TK collected on 04/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Uranium-233/234	-3.65E-10±4.77E-10	U			1.51E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	4.12E-11±1.68E-10	U			4.93E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-7.10E-12±3.96E-10	U			1.10E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	2.21E-11±1.71E-10	U			5.49E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.83E-11±2.74E-10	U			7.99E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	5.15E-10±1.84E-09	U			3.53E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.54E-09±3.42E-09	U			4.84E-09	µCi/mL	GP	EPIA-013

WELL HIN600TK**MEASUREMENTS CONDUCTED IN THE FIELD**

Sample date: 05/08/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.1
 Sp. conductance: 128 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 12:53
 Water temperature: 25.3°C
 Air temperature: 32.4°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	Aluminum, total recoverable	<19.4	U	V		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	<0.662	U	V		2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U	Y		1.00	µg/L	GE	EPA8270C
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U	Y		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	Y		1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chromium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<0.0750	JU	I	4	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	U	Y		5.00	µg/L	GE	EPA9012A
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	0.204	J	IY		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<1.24	U	VY		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<0.127	JU	I	4	2.00	µg/L	GE	EPA6020
1	Mercury, total recoverable	1.82				0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<0.215	JU	I	4	2.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<3.00	U			3.00	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	Y		1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Thallium, total recoverable	<0.117	U	V		0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	0.283	J	I		2.00	µg/L	GE	EPA6020
0	Toluene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	0.321	J	IY		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<0.664	JU	I	4	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	3.57	J	I		10.0	µg/L	GE	EPA6020
0	Actinium-228	1.13E-08±1.79E-08	U			1.77E-08	µCi/mL	GP	EPIA-013
0	Americium-241	3.83E-10±1.34E-09	U			3.18E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	5.07E-11±5.48E-09	U			9.32E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.47E-08±1.34E-08	U			2.23E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	1.80E-08±1.34E-08	U			2.21E-08	µCi/mL	GP	EPIA-003

ESH-EMS-2000406

Well HIN600TK collected on 05/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cerium-144	-6.04E-09±1.11E-08	U			1.77E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-6.99E-10±2.62E-09	U			3.77E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.27E-09±2.47E-09	U			4.22E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4.17E-10±1.38E-09	U			2.23E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.38E-09±2.64E-09	U			4.40E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.03E-09±1.04E-09	U			1.42E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.67E-09±1.59E-09	U			2.76E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	6.98E-10±8.89E-10	U			1.33E-09	µCi/mL	GP	EPIA-011
0	Europium-152	-2.07E-09±5.44E-09	U			9.17E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.57E-09±6.92E-09	U			1.09E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-4.92E-10±5.30E-09	U			8.68E-09	µCi/mL	GP	EPIA-013
2	Iodine-129	2.72E-09±9.93E-10	J	I		1.14E-09	µCi/mL	GP	EPIA-006
0	Lead-212	2.66E-09±6.78E-09	U			6.61E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.39E-09±2.32E-09	U			3.95E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	-1.25E-08±7.10E-09	U			1.74E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	7.58E-10±6.87E-09	U			1.68E-08	µCi/mL	GP	EPIA-022
0	Plutonium-238	1.15E-09±1.49E-09	U			2.91E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	6.08E-10±7.79E-10	U			1.16E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	2.53E-08±3.11E-08	U			4.97E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.61E-09±2.42E-09	U			3.89E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.35E-09±2.72E-09	U			4.52E-09	µCi/mL	GP	EPIA-013
2	Radium-226	5.49E-09±1.32E-09	U			7.29E-10	µCi/mL	GP	EPIA-008
2	Radium-226	6.27E-09±1.47E-09	U			9.01E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.69E-10±1.09E-09	U			2.35E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-1.47E-08±2.11E-08	U			3.39E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	9.30E-10±2.48E-09	U			3.92E-09	µCi/mL	GP	EPIA-013
0	Strontium-89/90	2.14E-09±2.32E-09	U			5.06E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-3.52E-09±9.01E-09	U			2.29E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	-5.04E-09±8.33E-09	U			2.16E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	5.12E-10±5.46E-10	U			1.01E-09	µCi/mL	GP	EPIA-012
0	Thorium-228	1.28E-11±3.54E-10	U			9.67E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	6.69E-11±1.34E-10	U			2.01E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.17E-10±2.78E-10	U			4.14E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	5.08E-11±1.38E-10	U			3.53E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.57E-10±2.24E-10	U			2.35E-10	µCi/mL	GP	EPIA-012
0	Uranium-233/234	-7.19E-11±1.02E-10	U			9.33E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.50E-10±3.01E-10	U			4.51E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	7.79E-11±3.17E-10	U			9.33E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-2.44E-09±2.06E-09	U			3.26E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-6.73E-10±5.34E-09	U			9.20E-09	µCi/mL	GP	EPIA-013

WELL HIN600TK**MEASUREMENTS CONDUCTED IN THE FIELD**

Sample date: 06/13/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.8
 Sp. conductance: 190 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 12:36
 Water temperature: 25.1°C
 Air temperature: 37.5°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	13.3	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	<0.381	JU	I	4	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<0.300	JU	I	4	2.00	µg/L	GE	EPA6020
0	Benzene	<1.00	JU	L	I	1.00	µg/L	GE	EPA8260B
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<1.00	U			1.00	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	<2.83	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	<2.00	U			2.00	µg/L	GE	EPA6020

B-144

Second Quarter 2000

Well HIN600TK collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cyanide	<5.00	JU	L	I	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	<0.640	U	V		1.00	µg/L	GE	EPA8260B
0	Iron, total recoverable	25.4	J	K	C	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
1	Mercury, total recoverable	1.56	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<0.466	JU	I	4	2.00	µg/L	GE	EPA6020
0	Selenium, total recoverable	<3.00	U			3.00	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	<0.245	JU	I	4	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	0.313	J	I		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	0.356	J	I		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vanadium, total recoverable	<2.40	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<2.00	U	V		10.0	µg/L	GE	EPA6020
0	Actinium-228	1.16E-08±1.26E-08	U			1.52E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	1.76E-09±7.13E-09	U			1.32E-08	µCi/mL	GP	EPIA-013
0	Americium-241	1.34E-10±5.73E-10	U			1.61E-09	µCi/mL	GP	EPIA-011
0	Americium-241	7.48E-10±7.62E-10	U			1.03E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	-1.17E-09±5.21E-09	U			9.39E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-2.20E-09±4.99E-09	U			8.73E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	4.28E-08±6.15E-09	U	V		8.04E-09	µCi/mL	GP	EPIA-003
0	Cerium-144	-4.83E-09±1.42E-08	U			2.42E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-3.40E-09±1.41E-08	U			2.40E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.58E-10±2.01E-09	U			3.57E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.23E-10±1.99E-09	U			3.06E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-4.74E-10±2.00E-09	U			3.56E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-1.33E-09±1.89E-09	U			3.14E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-7.58E-10±1.72E-09	U			2.94E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	6.54E-10±1.78E-09	U			3.12E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.82E-09±2.26E-09	U			3.76E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.97E-09±1.96E-09	U			4.11E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			8.14E-10	µCi/mL	GP	EPIA-011
0	Curium-242	0.00E+00±2.00E-09	U			5.22E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.34E-10±5.74E-10	U			1.61E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-7.95E-11±1.59E-10	U			1.03E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	3.00E-10±6.01E-10	U			8.99E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.00E+00±2.00E-09	U			5.77E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.29E-09±6.15E-09	U			1.07E-08	µCi/mL	GP	EPIA-013
0	Europium-152	1.55E-09±5.70E-09	U			1.05E-08	µCi/mL	GP	EPIA-013
0	Europium-154	1.23E-09±5.53E-09	U			1.11E-08	µCi/mL	GP	EPIA-013
0	Europium-154	3.10E-09±5.59E-09	U			1.16E-08	µCi/mL	GP	EPIA-013
0	Europium-155	1.58E-11±7.31E-09	U			1.29E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-3.48E-09±7.48E-09	U			1.26E-08	µCi/mL	GP	EPIA-013
0	Iodine-129	2.61E-09±5.05E-09	U			1.00E-08	µCi/mL	GP	EPIA-006
0	Lead-212	1.64E-09±5.32E-09	U			6.10E-09	µCi/mL	GP	EPIA-013
0	Lead-212	2.53E-09±4.06E-09	U			7.07E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.13E-10±1.95E-09	U			3.62E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	1.55E-09±2.04E-09	U			3.97E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	3.86E-09±1.06E-08	U			2.59E-08	µCi/mL	GP	EPIA-022
0	Plutonium-238	-1.40E-10±1.63E-10	U			8.35E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	2.46E-10±3.57E-10	U			6.21E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	0.00E+00±2.00E-09	U			2.92E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-9.85E-13±2.42E-10	U			7.56E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	3.15E-08±5.12E-08	U			3.62E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	2.40E-08±3.81E-08	U			3.51E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	3.36E-09±3.64E-09	U			4.13E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-4.20E-10±1.79E-09	U			3.14E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	5.98E-10±2.87E-09	U			5.29E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.69E-10±2.39E-09	U			4.37E-09	µCi/mL	GP	EPIA-013
2	Radium-226	6.39E-09±1.36E-09	U			7.66E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.54E-10±8.21E-10	U			1.80E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.10E-08±1.71E-08	U			3.34E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.20E-08±1.77E-08	U			2.48E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	4.47E-10±1.98E-09	U			3.97E-09	µCi/mL	GP	EPIA-013

ESH-EMS-2000406

Well HIN600TK collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sodium-22	1.10E-09±2.00E-09	U			4.13E-09	µCi/mL	GP	EPIA-013
0	Strontium-89/90	3.49E-09±1.64E-09	J	I		2.98E-09	µCi/mL	GP	EPIA-004
0	Strontium-89/90	1.75E-09±1.44E-09	U			2.98E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	9.00E-10±4.27E-09	U			1.02E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	9.46E-10±8.57E-10	U			1.42E-09	µCi/mL	GP	EPIA-012
0	Thorium-228	-3.00E-10±7.20E-10	U			1.82E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	6.25E-10±5.24E-10	R		4	5.96E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	8.77E-10±6.00E-10	R		4	2.92E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	6.71E-10±5.17E-10	R		4	2.87E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	5.07E-11±2.16E-10	U			6.06E-10	µCi/mL	GP	EPIA-012
0	Uranium-233/234	9.50E-11±1.57E-10	U			3.06E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	1.79E-10±1.64E-10	U			2.05E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	4.75E-11±1.24E-10	U			2.79E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.71E-11±1.18E-10	U			3.39E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-4.83E-11±5.60E-11	U			2.78E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	1.61E-11±7.29E-11	U			2.05E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	8.96E-10±2.50E-09	U			5.10E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.18E-09±1.96E-09	U			4.34E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-6.28E-10±4.17E-09	U			7.84E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.85E-09±4.37E-09	U			7.54E-09	µCi/mL	GP	EPIA-013

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 35.87 ft (10.93 m) below TOC
 Water elevation: 236.13 ft (71.97 m) msl
 pH: 5.4
 Sp. conductance: 121 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 59 gal

Time: 13:15
 Water temperature: 21.9°C
 Air temperature: 33.3°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	0.595				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	9.750				1.250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	10.300				1.250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	9.750				1.250	µg/L	GE	EPA353.1
0	pH	5.02	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	121				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.13E-09±6.84E-10				5.95E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.89E-09±7.09E-10				1.16E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.83E-03±9.00E-06	J	K	I	5.91E-07	µCi/mL	ML	EPIA-002

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 102.78 ft (31.33 m) below TOC
 Water elevation: 170.82 ft (52.07 m) msl
 pH: 7.3
 Sp. conductance: 209 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 171 gal

Time: 13:26
 Water temperature: 21.8°C
 Air temperature: 33.5°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	<50.0	U			50.0	µg/L	GE	EPA353.1
0	pH	7.55	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	211				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.51E-10±4.18E-10	J	I		5.30E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.76E-09±5.15E-10	J	I		8.70E-10	µCi/mL	ML	EPIA-001
0	Tritium	5.22E-08±4.00E-07	U			5.76E-07	µCi/mL	ML	EPIA-002

B-145

Second Quarter 2000

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 49.6 ft (15.12 m) below TOC
 Water elevation: 224.1 ft (68.31 m) msl
 pH: 8.5
 Sp. conductance: 197 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 171 gal

Time: 12:51
 Water temperature: 21°C
 Air temperature: 31.3°C
 Total alkalinity (as CaCO₃): 84 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SH

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
1	pH	8.10	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	198				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.21E-10±3.70E-10	U			7.04E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.83E-10±4.77E-10	U			9.83E-10	µCi/mL	ML	EPIA-001
1	Tritium	1.43E-05±8.80E-07	J	K	I	5.75E-07	µCi/mL	ML	EPIA-002

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 36.65 ft (11.17 m) below TOC
 Water elevation: 236.95 ft (72.22 m) msl
 pH: 5.1
 Sp. conductance: 129 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 50 gal

Time: 13:53
 Water temperature: 22.3°C
 Air temperature: 33.4°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	Mercury, total recoverable	0.913				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	10,300				1,250	µg/L	GE	EPA353.1
0	pH	5.02	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	129				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.85E-09±1.19E-09				6.65E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.61E-09±7.81E-10				1.08E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.99E-03±9.28E-06	J	K	I	5.78E-07	µCi/mL	ML	EPIA-002

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 69.6 ft (21.21 m) below TOC
 Water elevation: 210.6 ft (64.19 m) msl
 pH: 5.1
 Sp. conductance: 33 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 72 gal

Time: 15:42
 Water temperature: 21.6°C
 Air temperature: 32.6°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,120				50.0	µg/L	GE	EPA353.1
0	pH	5.11	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.09	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	31.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.10E-09±4.83E-10	J	I		6.20E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.34E-09±5.72E-10	J	I		1.05E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.90E-05±9.99E-07	J	K	I	5.87E-07	µCi/mL	ML	EPIA-002

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 15.8 ft (4.82 m) below TOC
 Water elevation: 222 ft (67.67 m) msl
 pH: 4.4
 Sp. conductance: 114 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 62 gal

Time: 14:11
 Water temperature: 19.2°C
 Air temperature: 18.3°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
2	Mercury, total recoverable	2.19				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	8,880				150	µg/L	GE	EPA353.1
0	pH	4.32	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.69				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.27E-08±1.49E-09				6.71E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	4.96E-07±6.22E-09				1.05E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.28E-03±6.84E-06				5.85E-07	µCi/mL	ML	EPIA-002

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.4
 Sp. conductance: 58 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 10 gal

Time: 13:16
 Water temperature: 19.3°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
1	Mercury, total recoverable	1.22				0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	4,800				150	µg/L	GE	EPA353.1
0	pH	4.39	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	113				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.10E-08±2.94E-09				4.94E-10	µCi/mL	GP	EPIA-001
1	Gross alpha	1.09E-08±2.78E-09				8.06E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.21E-06±1.18E-08	J	L	I	1.21E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.13E-06±1.14E-08	J	L	I	1.59E-09	µCi/mL	GP	EPIA-001
2	Tritium	5.89E-05±1.51E-06				6.73E-07	µCi/mL	GP	EPIA-002

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 78.11 ft (23.81 m) below TOC
 Water elevation: 171.29 ft (52.21 m) msl
 pH: 6.9
 Sp. conductance: 136 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 195 gal

Time: 10:45
 Water temperature: 19.1°C
 Air temperature: 15°C
 Total alkalinity (as CaCO₃): 59 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	6.76	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	138				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.65E-11±5.23E-10	U			1.23E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.34E-09±7.77E-10	J	I		1.40E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.42E-06±4.74E-07	J	I		5.84E-07	µCi/mL	ML	EPIA-002

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 35.22 ft (10.74 m) below TOC
 Water elevation: 214.78 ft (65.47 m) msl
 pH: 7.7
 Sp. conductance: 232 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 134 gal

Time: 11:39
 Water temperature: 20.3°C
 Air temperature: 14.8°C
 Total alkalinity (as CaCO₃): 103 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	7.80	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.80	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	230				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	230				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	230				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.40E-10±3.89E-10	U			8.18E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.92E-09±5.94E-10	J	I		9.98E-10	µCi/mL	ML	EPIA-001
1	Tritium	1.32E-05±8.56E-07				5.78E-07	µCi/mL	ML	EPIA-002

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 34.65 ft (10.56 m) below TOC
 Water elevation: 215.45 ft (65.67 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 20 gal

Time: 10:04
 Water temperature: Not available
 Air temperature: 14.7°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	0.461				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	13,000				1,250	µg/L	GE	EPA353.1
0	pH	5.42	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	128				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.11E-10±9.38E-10	U			1.77E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	3.42E-10±7.77E-10	U			1.84E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.51E-09±1.38E-09	J	IK	C	2.21E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.34E-09±1.19E-09	U			2.50E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.52E-03±2.98E-05				2.75E-06	µCi/mL	GP	EPIA-002

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 21.29 ft (6.49 m) below TOC
 Water elevation: 214.71 ft (65.44 m) msl
 pH: 4.5
 Sp. conductance: 53 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 35 gal

Time: 12:48
 Water temperature: 18.3°C
 Air temperature: 16.9°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	Mercury, total recoverable	<0.0933	JU		4	0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,280				50.0	µg/L	GE	EPA353.1
0	pH	4.36	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	54.9				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.44E-09±1.69E-09	J	I		1.15E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.16E-07±7.83E-09	J	L	I	1.48E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.99E-05±1.26E-06				6.72E-07	µCi/mL	GP	EPIA-002

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 64.96 ft (19.8 m) below TOC
 Water elevation: 171.64 ft (52.32 m) msl
 pH: 5.9
 Sp. conductance: 147 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 198 gal

Time: 10:00
 Water temperature: 18.8°C
 Air temperature: 15.1°C
 Total alkalinity (as CaCO₃): 64 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	<20.0	U		6	50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<100	U		6	200	µg/L	WA	EPA353.2
0	pH	6.96	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.82	J	Q		0.100	pH	WA	EPA9040B
0	pH	6.87	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	155				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	144				8.90	µS/cm	WA	EPA9050A
0	Specific conductance	146				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	6.10E-10±1.03E-09	U			1.61E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	2.30E-10±1.07E-09	U			1.80E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	6.72E-10±5.67E-10	U			1.01E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.66E-09±1.17E-09	U			1.70E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.73E-09±1.19E-09	J	I		1.73E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.58E-09±6.54E-10				1.08E-09	µCi/mL	ML	EPIA-001
0	Tritium	2.30E-07±3.50E-07	U			6.00E-07	µCi/mL	TM	EPA906.0M
0	Tritium	-2.00E-08±3.30E-07	U			5.80E-07	µCi/mL	TM	EPA906.0M
0	Tritium	6.28E-07±3.77E-07	U		6	5.00E-07	µCi/mL	ML	EPIA-002

WELL HSB 69A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 64.96 ft (19.8 m) below TOC
 Water elevation: 171.64 ft (52.32 m) msl
 pH: 5.9
 Sp. conductance: 147 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 198 gal

Time: 10:00
 Water temperature: 18.8°C
 Air temperature: 15.1°C
 Total alkalinity (as CaCO₃): 64 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		6	50.0	µg/L	GE	EPA353.1
0	pH	6.94	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	153				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.57E-10±4.75E-10	U			8.12E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.11E-09±5.88E-10	J	I		1.08E-09	µCi/mL	ML	EPIA-001
0	Tritium	6.13E-07±3.78E-07	U		6	5.02E-07	µCi/mL	ML	EPIA-002

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 26.97 ft (8.22 m) below TOC
 Water elevation: 215.83 ft (65.79 m) msl
 pH: 5.3
 Sp. conductance: 54 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 86 gal

Time: 9:06
 Water temperature: 18.3°C
 Air temperature: 15°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
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	5.35	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	54.7				1.00	µS/cm	GE	EPA9050A

Well HSB 70 collected on 04/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.06E-09±5.17E-10	J	I		4.57E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	8.79E-09±9.74E-10				1.01E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.78E-05±1.50E-06				5.82E-07	µCi/mL	ML	EPIA-002

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 24.51 ft (7.47 m) below TOC
 Water elevation: 218.59 ft (66.63 m) msl
 pH: 6.8
 Sp. conductance: 579 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:50
 Water temperature: 18.9°C
 Air temperature: 24.9°C
 Total alkalinity (as CaCO₃): 71 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
2	Nitrate-nitrite as nitrogen	46.000		Y		2.500	µg/L	GE	EPA353.1
1	pH	8.14	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	567				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	8.94E-09±1.04E-09				9.53E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.12E-07±1.58E-09				6.72E-10	µCi/mL	GP	EPIA-001
2	Tritium	6.04E-03±1.13E-03				6.44E-06	µCi/mL	GP	EPIA-002

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 23.85 ft (7.27 m) below TOC
 Water elevation: 217.55 ft (66.31 m) msl
 pH: 5.4
 Sp. conductance: 37 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 120 gal

Time: 13:35
 Water temperature: 19°C
 Air temperature: 26.6°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	Mercury, total recoverable	<0.0933	JU	V	4	0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2.360				50.0	µg/L	GE	EPA353.1
0	pH	5.46	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	39.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.11E-10±5.28E-10	U			1.22E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.93E-09±1.24E-09	U			2.47E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.04E-04±2.16E-06	J	L	I	6.38E-07	µCi/mL	ML	EPIA-002

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 22.53 ft (6.87 m) below TOC
 Water elevation: 219.07 ft (66.77 m) msl
 pH: 5.7
 Sp. conductance: 195 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 66 gal

Time: 15:25
 Water temperature: 22.3°C
 Air temperature: 30.1°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	<0.256	U	V		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	21,100				500	µg/L	GE	EPA353.1
0	pH	5.72	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	290				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.49E-09±1.01E-09				8.70E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.07E-08±1.89E-09				1.26E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.19E-03±4.23E-05				3.33E-06	µCi/mL	GP	EPIA-002

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/00
 Depth to water: 64.52 ft (19.67 m) below TOC
 Water elevation: 172.78 ft (52.66 m) msl
 pH: 6.9
 Sp. conductance: 186 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 207 gal

Time: 12:04
 Water temperature: 18.8°C
 Air temperature: 11.5°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
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<40.0	U	VY		50.0	µg/L	GE	EPA353.1
0	pH	7.08	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	186				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.77E-10±3.39E-10	J	I		4.34E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.42E-09±4.23E-10	J	I		7.19E-10	µCi/mL	ML	EPIA-001
0	Tritium	-1.95E-07±4.11E-07	U			6.09E-07	µCi/mL	ML	EPIA-002

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/00
 Depth to water: 15 ft (4.57 m) below TOC
 Water elevation: 222 ft (67.67 m) msl
 pH: 7
 Sp. conductance: 107 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 159 gal

Time: 12:31
 Water temperature: 18.5°C
 Air temperature: 11.7°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<60.0	U	VY		50.0	µg/L	GE	EPA353.1
0	pH	6.86	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	110				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.44E-10±6.83E-10	U			1.45E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	5.55E-10±4.91E-10	U			7.76E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.34E-09±1.07E-09	U			2.16E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.01E-09±1.30E-09	J	I		2.33E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.04E-06±4.69E-07	J	I		6.06E-07	µCi/mL	ML	EPIA-002

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 12.94 ft (3.94 m) below TOC
 Water elevation: 224.16 ft (68.32 m) msl
 pH: 5.2
 Sp. conductance: 21 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 156 gal

Time: 11:19
 Water temperature: 18.9°C
 Air temperature: 16.5°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	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	<70.0	U		6	50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<120	U		6	200	µg/L	WA	EPA353.2
0	pH	5.46	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.88	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	20.7				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	18.8				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	-9.00E-11±6.60E-10	U			1.18E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	7.89E-11±2.70E-10	U			5.68E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-2.90E-10±9.90E-10	U			1.59E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.35E-10±5.42E-10	U			1.16E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.10E-07±3.40E-07	U			5.80E-07	µCi/mL	TM	EPA906.0M
0	Tritium	6.16E-07±3.80E-07	U		6	5.05E-07	µCi/mL	ML	EPIA-002

WELL HSB 83C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 12.94 ft (3.94 m) below TOC
 Water elevation: 224.16 ft (68.32 m) msl
 pH: 5.2
 Sp. conductance: 21 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 156 gal

Time: 11:19
 Water temperature: 18.9°C
 Air temperature: 16.5°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	<50.0	U		6	50.0	µg/L	GE	EPA353.1
0	pH	5.44	J	Q		0.100	pH	GE	EPA9040B

(cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Specific conductance	20.7				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.96E-10±3.86E-10	U			6.73E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.52E-09±7.13E-10	J	I		1.37E-09	µCi/mL	ML	EPIA-001
0	Tritium	7.19E-07±3.79E-07	U		6	4.96E-07	µCi/mL	ML	EPIA-002

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/00
 Depth to water: 13.1 ft (3.99 m) below TOC
 Water elevation: 223.9 ft (68.25 m) msl
 pH: 5.3
 Sp. conductance: 55 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 96 gal

Time: 11:52
 Water temperature: 18.2°C
 Air temperature: 11.4°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
0	Mercury, total recoverable	0.448				0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	3.750	J	KY	I	150	µg/L	GE	EPA353.1
0	pH	5.30	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	56.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.22E-09±7.83E-10	J	I		9.17E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	5.82E-08±2.26E-09				1.14E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.09E-04±2.21E-06				6.09E-07	µCi/mL	ML	EPIA-002

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 57.5 ft (17.53 m) below TOC
 Water elevation: 171.2 ft (52.18 m) msl
 pH: 7.1
 Sp. conductance: 107 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 172 gal

Time: 11:37
 Water temperature: 19.1°C
 Air temperature: 13.1°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	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	6.61	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	201				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.15E-09±5.53E-10	J	I		6.42E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.58E-08±1.23E-09				1.07E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.81E-06±4.82E-07				5.71E-07	µCi/mL	ML	EPIA-002

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 20.32 ft (6.19 m) below TOC
 Water elevation: 208.58 ft (63.58 m) msl
 pH: 7.2
 Sp. conductance: 193 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 129 gal

Time: 14:45
 Water temperature: 20°C
 Air temperature: 27.1°C
 Total alkalinity (as CaCO₃): 83 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	780				50.0	µg/L	GE	EPA353.1
0	pH	7.63	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	195				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.62E-09±9.75E-10	J	I		1.59E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.83E-09±8.61E-10				1.27E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.16E-05±1.24E-06	J	K	I	5.87E-07	µCi/mL	ML	EPIA-002

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 18.2 ft (5.55 m) below TOC
 Water elevation: 210.9 ft (64.28 m) msl
 pH: 6.4
 Sp. conductance: 76 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 14:30
 Water temperature: 20.3°C
 Air temperature: 27.5°C
 Total alkalinity (as CaCO₃): 19 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	3.100				100	µg/L	GE	EPA353.1
0	pH	6.81	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	79.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.42E-10±4.78E-10	U			6.15E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.11E-08±1.10E-09				1.16E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.99E-04±4.52E-06	J	K	I	6.79E-07	µCi/mL	ML	EPIA-002
2	Tritium	4.03E-04±4.20E-06	J	K	I	5.80E-07	µCi/mL	ML	EPIA-002

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 14.42 ft (4.4 m) below TOC
 Water elevation: 214.38 ft (65.34 m) msl
 pH: 4.6
 Sp. conductance: 40 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 41 gal

Time: 10:01
 Water temperature: 18°C
 Air temperature: 16.4°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	1.800				50.0	µg/L	GE	EPA353.1
0	pH	4.58	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	38.3				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	38.1				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	38.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.64E-09±1.15E-09				7.02E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	2.37E-07±4.48E-09				1.08E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.79E-05±1.11E-06				6.29E-07	µCi/mL	ML	EPIA-002
2	Tritium	2.74E-05±1.10E-06				6.30E-07	µCi/mL	ML	EPIA-002

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/00
 Depth to water: 126.08 ft (38.43 m) below TOC
 Water elevation: 168.32 ft (51.3 m) msl
 pH: 5.8
 Sp. conductance: 179 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 183 gal

Time: 11:39
 Water temperature: 18.6°C
 Air temperature: 11.4°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
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
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	Iron, total recoverable	20.4	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.292	JU		4	2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<30.0	U	VY		50.0	µg/L	GE	EPA353.1
0	pH	7.07	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	183				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	183				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	183				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.79E-10±5.75E-10	U			9.91E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	8.54E-10±5.89E-10	U			1.17E-09	µCi/mL	ML	EPIA-001
0	Tritium	-8.37E-08±4.22E-07	U			6.17E-07	µCi/mL	ML	EPIA-002

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
 Depth to water: 126.14 ft (38.45 m) below TOC
 Water elevation: 168.26 ft (51.29 m) msl
 pH: 6.8
 Sp. conductance: 184 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 225 gal

Time: 10:00
 Water temperature: 20.1°C
 Air temperature: 24.1°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	50.0				26.8	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	VIA	EPA6010B
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	27.6				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	VIA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	34,000				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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

ESH-EMS-2000406

Well HSB 85A collected on 05/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<4.30	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	3.10				2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	795				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	2.23	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	80.0	J	I		200	µg/L	WA	EPA353.2
0	Phenols	3.99	J	I		37.0	µg/L	WA	EPA9066
0	Potassium, total recoverable	1,010	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	1,660				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	5,780				340	µg/L	WA	EPA9056
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	Thallium, total recoverable	<4.14	U	V		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	130,000	J	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	463	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	27.8	J	I		120	µg/L	WA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	7.74	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	5.79E-09±5.40E-09	U			8.98E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.31E-09±2.25E-09	U			9.62E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.22E-09±1.70E-09	U			6.64E-09	µCi/mL	ML	EPIA-001
0	Radium-226	2.69E-10±5.27E-10	U			9.67E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.63E-10±3.31E-10	U			6.56E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.91E-10±3.93E-10	U			1.01E-09	µCi/mL	GP	EPIA-004
0	Tritium	-2.09E-07±4.03E-07	U			5.98E-07	µCi/mL	ML	EPIA-002

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/00
 Depth to water: 62.5 ft (19.05 m) below TOC
 Water elevation: 232 ft (70.71 m) msl
 pH: 9.9
 Sp. conductance: 352 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 11:45
 Water temperature: 18.3°C
 Air temperature: 11.2°C
 Total alkalinity (as CaCO₃): 61 mg/L
 Phenolphthalein alkalinity: 60 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	1,050	J	KY	I	50.0	µg/L	GE	EPA353.1
2	pH	11.1	J	Q		0.100	pH	GE	EPA9040B
2	pH	11.1	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	354				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.89E-10±4.88E-10	J	I		6.47E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.55E-09±6.47E-10				1.01E-09	µCi/mL	ML	EPIA-001
0	Tritium	4.61E-06±6.14E-07				6.09E-07	µCi/mL	ML	EPIA-002

B-150

Second Quarter 2000

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
 Depth to water: 62.63 ft (19.09 m) below TOC
 Water elevation: 231.87 ft (70.67 m) msl
 pH: 8.9
 Sp. conductance: 203 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:51
 Water temperature: 26.2°C
 Air temperature: 28.9°C
 Total alkalinity (as CaCO₃): 91 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	49.0				26.8	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO ₃)	49.0				26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	50.7	J	I		146	µg/L	WA	EPA6010B
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	23.3				15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	40.500				120	µg/L	ML	EPA6010B
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	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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	39.2	J	I		74.0	µg/L	VA	EPA6010B
0	Iron, total recoverable	85.1				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	VA	EPA6010B
0	Lithium, total recoverable	1.80	J	I		2.70	µg/L	VA	EPA6010B
0	Magnesium, total recoverable	1.010				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	<20.0	JU	L	I	20.0	µg/L	VA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	VA	EPA9066
0	Potassium, total recoverable	644	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	2,770				675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	1,040				340	µg/L	VA	EPA9056
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	Thallium, total recoverable	<7.58	U	V		20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	VA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	177,000	J	Q		50,000	µg/L	VA	EPA160.1
0	Total organic carbon	544	J	I		1,000	µg/L	VA	EPA9060
0	Total organic halogens	12.6	J	I		120	µg/L	VA	EPA9020B
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

ESH-EMS-2000406

Well HSB 85B collected on 05/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	7.99	J	I		30.0	µg/L	ML	EPA6010B
0	Carbon-14	1.22E-08±5.21E-09	U	V		8.23E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.32E-09±2.27E-09	JU	L	C	9.69E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.21E-09±1.68E-09	U			6.59E-09	µCi/mL	ML	EPIA-001
0	Radium-226	6.30E-10±5.32E-10	U			6.53E-10	µCi/mL	GP	EPIA-008
0	Radium-226	6.35E-10±7.19E-10	U			9.97E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.72E-10±4.84E-10	U			1.06E-09	µCi/mL	GP	EPIA-009
0	Radium-228	3.11E-10±4.53E-10	U			9.64E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	6.39E-11±2.90E-10	U			6.58E-10	µCi/mL	GP	EPIA-004
0	Tritium	2.63E-07±3.95E-07	U			5.53E-07	µCi/mL	ML	EPIA-002

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/00
 Depth to water: 62.95 ft (19.19 m) below TOC
 Water elevation: 231.15 ft (70.46 m) msl
 pH: 4.7
 Sp. conductance: 40 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 55 gal

Time: 11:28
 Water temperature: 19.2°C
 Air temperature: 11°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	2.750	J	KY	I	50.0	µg/L	GE	EPA353.1
0	pH	4.63	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	40.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.34E-09±1.01E-09				4.42E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.85E-09±7.98E-10				1.15E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.26E-05±8.44E-07				6.03E-07	µCi/mL	ML	EPIA-002
1	Tritium	1.22E-05±8.40E-07				6.08E-07	µCi/mL	ML	EPIA-002

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
 Depth to water: 56.52 ft (17.23 m) below TOC
 Water elevation: 237.58 ft (72.42 m) msl
 pH: 4.8
 Sp. conductance: 41 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 120 gal

Time: 9:10
 Water temperature: 20.8°C
 Air temperature: 21.7°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	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Alkalinity (as CaCO ₃)	<26.8	U			26.8	mg/L	WA	EPA310.1
2	Aluminum, total recoverable	95.1	J	I		146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	64.1				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	12.5	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
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	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	135				120	µg/L	ML	EPA6010B
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

B-151

Second Quarter 2000

Well HSB 85C collected on 05/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	29.2	J	I		60.0	µg/L	ML	EPA6010B
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
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	Iron, total recoverable	<74.0	U			74.0	µg/L	VA	EPA6010B
0	Iron, total recoverable	<8.88	U	V		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<5.52	JU		4	20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	VA	EPA6010B
0	Magnesium, total recoverable	202	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.57	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	2,840	U			200	µg/L	VA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	VA	EPA9066
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	4,580	U			675	µg/L	ML	EPA6010B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Sulfate	<245	U	V		340	µg/L	VA	EPA9056
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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	VA	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Total dissolved solids	26,000	J	IQ		50,000	µg/L	VA	EPA160.1
0	Total organic carbon	516	J			1,000	µg/L	VA	EPA9060
0	Total organic carbon	552	J	I		1,000	µg/L	VA	EPA9060
0	Total organic halogens	21.1	J	I		120	µg/L	VA	EPA9020B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Carbon-14	3.63E-09±5.30E-09	U			8.95E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	5.24E-09±2.68E-09	U			8.37E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.38E-09±1.68E-09	U			6.34E-09	µCi/mL	ML	EPIA-001
0	Radium-226	9.76E-10±5.97E-10	J	I		6.01E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.69E-09±6.95E-10	J	I		1.29E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.53E-10±4.09E-10	U			9.39E-10	µCi/mL	GP	EPIA-004
1	Tritium	1.21E-05±8.35E-07	U			6.04E-07	µCi/mL	ML	EPIA-002

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 96.34 ft (29.36 m) below TOC
 Water elevation: 166.06 ft (50.62 m) msl
 pH: 6.7
 Sp. conductance: 128 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 197 gal

Time: 8:40
 Water temperature: 18.8°C
 Air temperature: 14.9°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
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<9.00	U			50.0	µg/L	GE	EPA353.1
0	pH	6.77	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	128				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.92E-09±3.21E-09	JU	L	I	9.57E-09	µCi/mL	ML	EPIA-001

ESH-EMS-2000406

Well HSB 86A collected on 04/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nonvolatile beta	4.28E-09±2.13E-09	U			6.73E-09	µCi/mL	ML	EPIA-001
0	Tritium	2.12E-06±4.20E-07				4.59E-07	µCi/mL	ML	EPIA-002

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 44.16 ft (13.46 m) below TOC
 Water elevation: 217.74 ft (66.37 m) msl
 pH: 6.5
 Sp. conductance: 208 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 164 gal

Time: 10:30
 Water temperature: 19.2°C
 Air temperature: 12.5°C
 Total alkalinity (as CaCO₃): 96 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	7.31	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	207				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.99E-10±6.28E-10	U			1.16E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.31E-10±6.26E-10	U			1.28E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.48E-06±4.75E-07	J	I		5.81E-07	µCi/mL	ML	EPIA-002

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.5
 Sp. conductance: 237 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 17:40
 Water temperature: 20.8°C
 Air temperature: 26.4°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	Mercury, total recoverable	0.869				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	24,700		Y		500	µg/L	GE	EPA353.1
0	pH	5.04	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	716				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.22E-09±1.48E-09	J	I		1.27E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.06E-08±3.41E-09				2.50E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.52E-03±8.65E-05				5.82E-06	µCi/mL	GP	EPIA-002

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 44.65 ft (13.61 m) below TOC
 Water elevation: 218.25 ft (66.52 m) msl
 pH: 5.6
 Sp. conductance: 241 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 59 gal

Time: 17:28
 Water temperature: 20.1°C
 Air temperature: 25.8°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	0.741				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	26,300		Y		1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	26,800		Y		1,250	µg/L	GE	EPA353.1
0	pH	5.06	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	246				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.13E-09±1.50E-09	J	I		1.57E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	8.61E-08±4.31E-09				2.36E-09	µCi/mL	GP	EPIA-001
2	Tritium	4.41E-03±8.46E-05				5.71E-06	µCi/mL	GP	EPIA-002

B-152

Second Quarter 2000

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.9
 Sp. conductance: 260 µS/cm
 Turbidity: 58 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:33
 Water temperature: 19.4°C
 Air temperature: 19.4°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	Mercury, total recoverable	0.330				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	28,000				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	28,000				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	27,000		Y		1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	28,000				1,250	µg/L	GE	EPA353.1
1	pH	3.95	J	Q		0.100	pH	GE	EPA9040B
1	pH	3.96	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	96.2				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.56E-08±3.44E-09				1.37E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.45E-06±1.72E-08				2.28E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.25E-03±6.25E-05				4.80E-06	µCi/mL	GP	EPIA-002

(cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
---	---------	--------	---	---	---	-----	------	-----	--------

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 45.05 ft (13.73 m) below TOC
 Water elevation: 217.95 ft (66.43 m) msl
 pH: 4.8
 Sp. conductance: 262 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 80 gal

Time: 10:20
 Water temperature: 19.4°C
 Air temperature: 18.8°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	Mercury, total recoverable	0.400				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	31,000				2,500	µg/L	GE	EPA353.1
0	pH	4.09	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	264				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	1.96E-08±3.12E-09				1.56E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.26E-06±1.62E-08				2.50E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.56E-03±6.74E-05				4.96E-06	µCi/mL	GP	EPIA-002

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 33.95 ft (10.35 m) below TOC
 Water elevation: 226.25 ft (68.96 m) msl
 pH: 5.6
 Sp. conductance: 31 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 139 gal

Time: 12:09
 Water temperature: 19.3°C
 Air temperature: 17.9°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
0	Mercury, total recoverable	<0.200				0.200	µg/L	GE	EPA7470A
0	Mercury, total recoverable	<0.700				0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	230				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	260				200	µg/L	WA	EPA353.2
0	pH	5.63	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.78	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	32.4				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	29.2				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	-5.60E-10±5.70E-10	U			1.18E-09	µCi/mL	TM	EPA900.0M

ESH-EMS-2000406

Well HSB100C collected on 04/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	3.32E-10±3.08E-10	U			4.51E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.90E-10±1.03E-09	U			1.59E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	7.52E-10±5.12E-10	U			1.01E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.51E-06±4.10E-07				5.70E-07	µCi/mL	TM	EPA906.0M
0	Tritium	1.84E-06±4.35E-07				5.04E-07	µCi/mL	ML	EPIA-002

WELL HSB100C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 33.95 ft (10.35 m) below TOC
 Water elevation: 226.25 ft (68.96 m) msl
 pH: 5.6
 Sp. conductance: 31 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 139 gal

Time: 12:09
 Water temperature: 19.3°C
 Air temperature: 17.9°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
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	170				50.0	µg/L	GE	EPA353.1
0	pH	5.75	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	31.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.74E-10±2.99E-10	U			5.21E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.18E-09±4.08E-10	J	I		7.00E-10	µCi/mL	ML	EPIA-001
0	Tritium	2.03E-06±4.45E-07				5.07E-07	µCi/mL	ML	EPIA-002

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 24.69 ft (7.53 m) below TOC
 Water elevation: 235.41 ft (71.75 m) msl
 pH: 5.2
 Sp. conductance: 53 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 53 gal

Time: 9:32
 Water temperature: 21.4°C
 Air temperature: 23.8°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
0	Mercury, total recoverable	<0.141	JU	LV	I	0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,950	J	K	I	50.0	µg/L	GE	EPA353.1
0	pH	5.22	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.21	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	52.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.27E-09±5.56E-10	J	I		7.72E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	8.74E-08±2.65E-09				1.38E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.05E-04±2.16E-06				5.93E-07	µCi/mL	ML	EPIA-002

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: 33.49 ft (10.21 m) below TOC
 Water elevation: 225.01 ft (68.58 m) msl
 pH: 5.8
 Sp. conductance: 40 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 116 gal

Time: 9:29
 Water temperature: 19.3°C
 Air temperature: 16.3°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	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	790				50.0	µg/L	GE	EPA353.1
0	pH	5.93	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	40.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.02E-10±6.97E-10	U			1.66E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.96E-09±9.59E-10	J	I		1.85E-09	µCi/mL	GP	EPIA-001

B-153

Second Quarter 2000

Well HSB101C collected on 04/11/00 (cont.)

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
1	Tritium	1.17E-05±8.41E-07			8.55E-07		µCi/mL	GP	EPIA-002

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 26.71 ft (8.14 m) below TOC
 Water elevation: 231.99 ft (70.71 m) msl
 pH: 6.7
 Sp. conductance: 730 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 26 gal

Time: 10:32
 Water temperature: 21.1°C
 Air temperature: 28.4°C
 Total alkalinity (as CaCO₃): 116 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
2	Mercury, total recoverable	15.6	J	L	I	0.400	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	53,000	J	K	I	2,500	µg/L	GE	EPA353.1
0	pH	6.77	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	686				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.25E-09±1.35E-09				1.27E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	2.12E-07±4.85E-09				1.79E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.07E-03±1.33E-05				6.04E-07	µCi/mL	ML	EPIA-002

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 34.95 ft (10.65 m) below TOC
 Water elevation: 224.05 ft (68.29 m) msl
 pH: 5.3
 Sp. conductance: 194 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 148 gal

Time: 7:48
 Water temperature: 18.6°C
 Air temperature: 9.8°C
 Total alkalinity (as CaCO₃): 14 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Mercury, total recoverable	<0.553	U	V		0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	16,100				500	µg/L	GE	EPA353.1
0	pH	5.93	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	180				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.28E-09±1.68E-09	J	I		2.71E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.03E-09±1.95E-09	J	I		3.43E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.59E-04±2.63E-06	J	L	I	6.30E-07	µCi/mL	ML	EPIA-002

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: 29.78 ft (9.08 m) below TOC
 Water elevation: 228.82 ft (69.75 m) msl
 pH: 4.1
 Sp. conductance: 227 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 13:45
 Water temperature: 21.5°C
 Air temperature: 27.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): VX

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
2	Mercury, total recoverable	3.75				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	20,000				2,500	µg/L	GE	EPA353.1
1	pH	3.84	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	229				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	8.55E-08±5.81E-09				1.44E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	3.49E-06±2.38E-08				1.67E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.17E-03±4.25E-05				4.35E-06	µCi/mL	GP	EPIA-002

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 24.71 ft (7.53 m) below TOC
 Water elevation: 222.69 ft (67.88 m) msl
 pH: 5.5
 Sp. conductance: 214 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 180 gal

Time: 11:10
 Water temperature: 22.3°C
 Air temperature: 33.6°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
1	Mercury, total recoverable	1.46	J	L	I	0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	20,500	J	K	I	2,500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	20,500	J	K	I	2,500	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	20,500	J	K	I	2,500	µg/L	GE	EPA353.1
0	pH	5.24	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	216				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.98E-09±1.19E-09				1.11E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.39E-08±1.47E-09				1.77E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.50E-04±4.43E-06				6.01E-07	µCi/mL	ML	EPIA-002

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 23.86 ft (7.27 m) below TOC
 Water elevation: 223.74 ft (68.2 m) msl
 pH: 3.9
 Sp. conductance: 126 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 21 gal

Time: 8:50
 Water temperature: 19.2°C
 Air temperature: 10°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Mercury, total recoverable	0.774				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	11,000				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	11,000				1,250	µg/L	GE	EPA353.1
0	pH	4.63	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	125				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.17E-09±1.65E-09				5.15E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	3.57E-07±5.57E-09				1.11E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.34E-04±2.97E-06				6.30E-07	µCi/mL	ML	EPIA-002

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 28.66 ft (8.74 m) below TOC
 Water elevation: 219.24 ft (66.83 m) msl
 pH: 6.6
 Sp. conductance: 134 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 94 gal

Time: 12:08
 Water temperature: 21.6°C
 Air temperature: 33.1°C
 Total alkalinity (as CaCO₃): 27 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Mercury, total recoverable	<0.106	JU	LV	I4	0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	6,600	J	K	I	500	µg/L	GE	EPA353.1
0	pH	6.77	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	133				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.32E-09±7.97E-10	J	I		8.62E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	8.58E-09±1.22E-09				1.67E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.90E-04±2.87E-06				5.91E-07	µCi/mL	ML	EPIA-002

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/00
 Depth to water: 26.17 ft (7.98 m) below TOC
 Water elevation: 221.63 ft (67.55 m) msl
 pH: 3.9
 Sp. conductance: 73 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 19 gal

Time: 9:29
 Water temperature: 19.7°C
 Air temperature: 24.5°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	0.944				0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	4.350				150	µg/L	GE	EPA353.1
0	pH	4.46	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.43	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	72.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.72E-09±1.46E-09	J	I		9.90E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	4.38E-07±6.25E-09				1.27E-09	µCi/mL	ML	EPIA-001
2	Tritium	5.02E-04±4.33E-06				6.30E-07	µCi/mL	ML	EPIA-002

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 31.45 ft (9.59 m) below TOC
 Water elevation: 218.05 ft (66.46 m) msl
 pH: 6.4
 Sp. conductance: 90 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 176 gal

Time: 12:37
 Water temperature: 21°C
 Air temperature: 31°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	<0.112	JU	LV	I4	0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	4.600	J	K	I	250	µg/L	GE	EPA353.1
0	pH	6.09	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	92.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.96E-10±7.24E-10	U			1.34E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	3.26E-10±7.46E-10	U			1.67E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.70E-09±1.58E-09	U			3.13E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.30E-09±1.22E-09	U			2.33E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.03E-04±2.15E-06				5.98E-07	µCi/mL	ML	EPIA-002

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 27.77 ft (8.46 m) below TOC
 Water elevation: 221.73 ft (67.58 m) msl
 pH: 5.4
 Sp. conductance: 135 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 18 gal

Time: 13:22
 Water temperature: 20.4°C
 Air temperature: 27.8°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	Mercury, total recoverable	15.5				0.400	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	9,000				1,250	µg/L	GE	EPA353.1
0	pH	4.26	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	141				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.23E-09±1.20E-09				5.31E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	2.55E-07±3.46E-09				8.35E-10	µCi/mL	ML	EPIA-001
2	Tritium	1.42E-03±7.89E-06	J	K	I	5.85E-07	µCi/mL	ML	EPIA-002

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 32.53 ft (9.92 m) below TOC
 Water elevation: 220.37 ft (67.17 m) msl
 pH: 6.2
 Sp. conductance: 82 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 169 gal

Time: 13:10
 Water temperature: 20.8°C
 Air temperature: 30°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	<0.490	JU	LV	I	0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	5.500	J	K	I	250	µg/L	GE	EPA353.1
0	pH	5.99	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	85.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.27E-09±9.97E-10	U			1.65E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.49E-09±1.34E-09	U			2.78E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.36E-04±2.47E-06				6.05E-07	µCi/mL	ML	EPIA-002

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 29.5 ft (8.99 m) below TOC
 Water elevation: 223.4 ft (68.09 m) msl
 pH: 4.6
 Sp. conductance: 79 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 22 gal

Time: 11:07
 Water temperature: 20°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	Mercury, total recoverable	0.453				0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	4.700				250	µg/L	GE	EPA353.1
0	pH	4.60	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	84.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.55E-09±1.05E-09				8.02E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	1.74E-07±3.80E-09				1.03E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.56E-04±3.96E-06				5.81E-07	µCi/mL	ML	EPIA-002

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 44.31 ft (13.51 m) below TOC
 Water elevation: 217.29 ft (66.23 m) msl
 pH: 6.6
 Sp. conductance: 149 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 89 gal

Time: 14:00
 Water temperature: 20.9°C
 Air temperature: 29.4°C
 Total alkalinity (as CaCO₃): 31 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	<0.111	JU	LV	I4	0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	7,700	J	K	I	500	µg/L	GE	EPA353.1
0	pH	6.59	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	152				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-5.45E-10±6.99E-10	U			1.93E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	9.83E-09±2.01E-09				2.95E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.90E-04±4.12E-06				6.01E-07	µCi/mL	ML	EPIA-002

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 41.07 ft (12.52 m) below TOC
 Water elevation: 221.23 ft (67.43 m) msl
 pH: 5.8
 Sp. conductance: 118 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 9 gal

Time: 14:01
 Water temperature: 21.2°C
 Air temperature: 30.1°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
1	Mercury, total recoverable	1.09				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	8,750				1,250	µg/L	GE	EPA353.1
0	pH	5.18	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	110				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.42E-09±8.86E-10				4.46E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	4.02E-07±5.57E-09				1.08E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.75E-04±2.78E-06	J	K	I	5.77E-07	µCi/mL	ML	EPIA-002

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 49.97 ft (15.23 m) below TOC
 Water elevation: 216.23 ft (65.91 m) msl
 pH: 6.6
 Sp. conductance: 64 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 64 gal

Time: 14:45
 Water temperature: 21.1°C
 Air temperature: 30.7°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	<0.108	JU	LV	I4	0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,330	J	K	I	50.0	µg/L	GE	EPA353.1
0	pH	6.83	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	120				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-1.07E-10±4.34E-10	U			1.18E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.32E-09±1.31E-09	U			2.75E-09	µCi/mL	ML	EPIA-001
2	Tritium	9.72E-05±2.10E-06				6.05E-07	µCi/mL	ML	EPIA-002

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 46.9 ft (14.3 m) below TOC
 Water elevation: 219.4 ft (66.87 m) msl
 pH: 5.6
 Sp. conductance: 87 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 13 gal

Time: 14:37
 Water temperature: 22.7°C
 Air temperature: 30°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	1.64				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	10,900				250	µg/L	GE	EPA353.1
0	pH	4.89	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	84.1				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	7.68E-09±1.74E-09				4.00E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	1.72E-06±8.85E-09				7.77E-10	µCi/mL	ML	EPIA-001
2	Tritium	3.54E-04±3.98E-06	J	K	I	5.93E-07	µCi/mL	ML	EPIA-002

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 45.09 ft (13.74 m) below TOC
 Water elevation: 216.51 ft (65.99 m) msl
 pH: 6.5
 Sp. conductance: 52 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 83 gal

Time: 15:25
 Water temperature: 21.3°C
 Air temperature: 29.8°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	Mercury, total recoverable	<0.0998	JU	LV	I4	0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,750	J	K	I	50.0	µg/L	GE	EPA353.1
0	pH	6.05	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	49.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.34E-10±7.29E-10	U			1.62E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.17E-09±1.30E-09	U			2.77E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.66E-05±1.30E-06				5.81E-07	µCi/mL	ML	EPIA-002
2	Tritium	3.87E-05±1.34E-06				5.89E-07	µCi/mL	ML	EPIA-002

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 39.1 ft (11.92 m) below TOC
 Water elevation: 216.6 ft (66.02 m) msl
 pH: 5.1
 Sp. conductance: 21 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 85 gal

Time: 9:40
 Water temperature: 19.4°C
 Air temperature: 15.1°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	<0.115	JU	V	4	0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	610				50.0	µg/L	GE	EPA353.1
0	pH	5.38	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.38	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	21.9				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-6.71E-10±3.89E-10	U			1.71E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.36E-10±1.35E-09	U			2.97E-09	µCi/mL	ML	EPIA-001
0	Tritium	6.68E-06±6.99E-07	J	L	I	6.44E-07	µCi/mL	ML	EPIA-002

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.4
 Sp. conductance: 40 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 17 gal

Time: 8:45
 Water temperature: 18.2°C
 Air temperature: 14.8°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	Mercury, total recoverable	<0.125	U	V		0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,630				50.0	µg/L	GE	EPA353.1
0	pH	4.48	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	40.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.15E-09±1.06E-09	U			1.68E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	5.20E-08±3.54E-09				2.43E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.81E-04±3.50E-06	J	L	I	6.41E-07	µCi/mL	ML	EPIA-002

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 38.86 ft (11.84 m) below TOC
 Water elevation: 217.14 ft (66.19 m) msl
 pH: 5.3
 Sp. conductance: 42 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 125 gal

Time: 10:15
 Water temperature: 19.9°C
 Air temperature: 19.9°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
0	Mercury, total recoverable	<0.122	U	V		0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,920				50.0	µg/L	GE	EPA353.1
0	pH	5.54	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	67.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	8.07E-11±8.39E-10	U			1.99E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.49E-09±1.52E-09	J	I		2.83E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.08E-04±3.69E-06	J	L	I	6.49E-07	µCi/mL	ML	EPIA-002

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: 40.38 ft (12.31 m) below TOC
 Water elevation: 215.62 ft (65.72 m) msl
 pH: 5.5
 Sp. conductance: 140 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 50 gal

Time: 11:13
 Water temperature: 20.2°C
 Air temperature: 23°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	14,000	J	K	I	1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	15,000	J	K	I	1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	14,000	J	K	I	1,250	µg/L	GE	EPA353.1
0	pH	5.42	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	154				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.37E-09±7.48E-10	J	I		8.09E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.22E-08±2.34E-09				1.69E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.93E-03±3.74E-05				4.02E-06	µCi/mL	GP	EPIA-002

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 0.6 ft (0.18 m) below TOC
 Water elevation: 255.3 ft (77.82 m) msl
 pH: 4.3
 Sp. conductance: 41 µS/cm
 Turbidity: 4 NTU
 No water was evacuated from the well prior to sampling.

Time: 9:39
 Water temperature: 20.3°C
 Air temperature: 13.8°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	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	4.51	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.51	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	41.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.45E-09±7.32E-10				4.96E-10	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	3.61E-08±1.87E-09				1.18E-09	µCi/mL	ML	EPIA-001
2	Tritium	9.53E-05±2.09E-06				5.85E-07	µCi/mL	ML	EPIA-002

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 36.92 ft (11.25 m) below TOC
 Water elevation: 217.98 ft (66.44 m) msl
 pH: 6.4
 Sp. conductance: 70 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 224 gal

Time: 10:55
 Water temperature: 19.6°C
 Air temperature: 19.5°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	Mercury, total recoverable	<0.117	U	V		0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,540				50.0	µg/L	GE	EPA353.1
0	pH	6.47	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	57.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.17E-11±6.79E-10	U			1.65E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.37E-09±1.51E-09	J	I		2.44E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.20E-04±2.31E-06	J	L	I	6.39E-07	µCi/mL	ML	EPIA-002

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 38.01 ft (11.59 m) below TOC
 Water elevation: 217.09 ft (66.17 m) msl
 pH: 5.8
 Sp. conductance: 55 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 60 gal

Time: 11:20
 Water temperature: 19.4°C
 Air temperature: 19.9°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	Mercury, total recoverable	<0.131	U	V		0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	3,960				150	µg/L	GE	EPA353.1
0	pH	5.78	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	89.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-7.31E-11±7.83E-10	U			2.00E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.07E-09±1.52E-09	J	I		2.74E-09	µCi/mL	ML	EPIA-001
2	Tritium	5.30E-04±4.78E-06	J	L	I	6.38E-07	µCi/mL	ML	EPIA-002

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.3
 Sp. conductance: 35 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 2 gal

Time: 9:30
 Water temperature: 18.6°C
 Air temperature: 16.8°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): XV

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	pH	5.43	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	35.3				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.74E-10±6.12E-10	U			8.91E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.55E-08±1.32E-09				1.23E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.14E-04±2.28E-06	J	L	I	6.12E-07	µCi/mL	ML	EPIA-002

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 43.23 ft (13.18 m) below TOC
 Water elevation: 217.77 ft (66.38 m) msl
 pH: 5
 Sp. conductance: 89 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 113 gal

Time: 12:20
 Water temperature: 20.8°C
 Air temperature: 23.8°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	Mercury, total recoverable	<0.143	U	V		0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	8,950				250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	8,850				250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	8,850				250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	8,850				250	µg/L	GE	EPA353.1
0	pH	4.97	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	43.6				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	43.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.34E-09±8.65E-10	J	I		1.13E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.69E-08±2.22E-09				2.42E-09	µCi/mL	ML	EPIA-001
2	Tritium	7.74E-04±5.79E-06	J	L	I	6.43E-07	µCi/mL	ML	EPIA-002

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: 43 ft (13.11 m) below TOC
 Water elevation: 220.8 ft (67.3 m) msl
 pH: 5
 Sp. conductance: 141 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 72 gal

Time: 12:23
 Water temperature: 20.5°C
 Air temperature: 27.3°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
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	14,000	J	K	I	1,250	µg/L	GE	EPA353.1
0	pH	4.92	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	142				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.79E-09±1.02E-09				7.05E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.99E-08±2.56E-09				1.71E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.70E-03±3.33E-05				3.80E-06	µCi/mL	GP	EPIA-002

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: 45.97 ft (14.01 m) below TOC
 Water elevation: 218.03 ft (66.46 m) msl
 pH: 4.3
 Sp. conductance: 420 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 9 gal

Time: 10:32
 Water temperature: 21.5°C
 Air temperature: 21.3°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	Mercury, total recoverable	<0.115	JU		4	0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	41,000				2,500	µg/L	GE	EPA353.1
1	pH	3.98	J	Q		0.100	pH	GE	EPA9040B
1	pH	3.99	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	424				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.30E-08±4.70E-09				1.67E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	7.82E-07±1.16E-08				1.55E-09	µCi/mL	GP	EPIA-001
2	Tritium	6.41E-03±1.25E-04				8.28E-06	µCi/mL	GP	EPIA-002
2	Tritium	6.47E-03±1.24E-04				8.03E-06	µCi/mL	GP	EPIA-002
2	Tritium	6.27E-03±1.21E-04	R		5	7.95E-06	µCi/mL	GP	EPIA-002

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 49.94 ft (15.22 m) below TOC
 Water elevation: 219.36 ft (66.86 m) msl
 pH: 5.9
 Sp. conductance: 135 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 86 gal

Time: 10:05
 Water temperature: 19°C
 Air temperature: 19.5°C
 Total alkalinity (as CaCO₃): 14 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	11,400				250	µg/L	GE	EPA353.1
0	pH	6.26	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	136				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.32E-09±8.17E-10	J	I		8.16E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.47E-09±8.02E-10				6.50E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.17E-08±1.61E-09				1.26E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.36E-08±1.66E-09				1.26E-09	µCi/mL	GP	EPIA-001
2	Tritium	1.15E-03±2.24E-05				2.35E-06	µCi/mL	GP	EPIA-002

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.8
 Sp. conductance: 276 µS/cm
 Turbidity: 8 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 13:20
 Water temperature: 25.4°C
 Air temperature: 27.7°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	45,500				2,500	µg/L	GE	EPA353.1
0	pH	4.08	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	278				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	278				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	278				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	3.97E-08±4.51E-09				1.27E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.13E-06±1.88E-08				1.36E-09	µCi/mL	GP	EPIA-001
2	Tritium	3.92E-03±7.48E-05				5.98E-06	µCi/mL	GP	EPIA-002

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 36.37 ft (11.09 m) below TOC
 Water elevation: 221.13 ft (67.4 m) msl
 pH: 5.2
 Sp. conductance: 73 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 87 gal

Time: 10:45
 Water temperature: 19.3°C
 Air temperature: 22.3°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	Mercury, total recoverable	0.164	J	IK	I	0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	7,020				150	µg/L	GE	EPA353.1
0	pH	5.39	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	74.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.04E-09±5.54E-10	J	I		6.56E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.09E-09±8.65E-10				1.20E-09	µCi/mL	ML	EPIA-001
2	Tritium	6.11E-04±5.17E-06	J	L	I	6.05E-07	µCi/mL	ML	EPIA-002

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 35.52 ft (10.83 m) below TOC
 Water elevation: 221.28 ft (67.45 m) msl
 pH: 5
 Sp. conductance: 87 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 11:26
 Water temperature: 17.5°C
 Air temperature: 13.2°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	<0.0657			4	0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	6.400				500	µg/L	GE	EPA353.1
0	pH	4.53	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	87.1				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	87.1				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	87.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.46E-09±2.45E-09	J	K	C	1.20E-09	µCi/mL	GP	EPIA-001
1	Gross alpha	8.62E-09±1.84E-09	J	K	C	1.05E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	9.47E-07±1.24E-08	J	K	C	1.50E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	9.22E-07±1.22E-08	J	K	C	1.47E-09	µCi/mL	GP	EPIA-001
2	Tritium	2.61E-05±1.03E-06				6.05E-07	µCi/mL	GP	EPIA-002

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 71.55 ft (21.81 m) below TOC
 Water elevation: 165.75 ft (50.52 m) msl
 pH: 6.6
 Sp. conductance: 136 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 8:45
 Water temperature: 18°C
 Air temperature: 12.1°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	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	7.23	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	138				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.47E-10±7.10E-10	U			1.53E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	9.74E-10±8.24E-10	U			1.27E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.17E-09±9.33E-10	U			1.91E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-1.47E-10±7.84E-10	U			1.97E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.32E-05±8.53E-07	J	L	I	5.92E-07	µCi/mL	ML	EPIA-002
0	Tritium	-3.00E-08±4.25E-07	U			6.16E-07	µCi/mL	ML	EPIA-002

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: 20.16 ft (6.14 m) below TOC
 Water elevation: 217.24 ft (66.22 m) msl
 pH: 4.7
 Sp. conductance: 347 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 84 gal

Time: 10:45
 Water temperature: 18.9°C
 Air temperature: 26°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	0.239				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	31,000	J	LY	I	2,500	µg/L	GE	EPA353.1
0	pH	4.78	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	343				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.06E-09±6.06E-10				6.27E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.21E-08±6.08E-10				5.82E-10	µCi/mL	GP	EPIA-001
2	Tritium	4.99E-03±9.44E-05				5.78E-06	µCi/mL	GP	EPIA-002

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 18.21 ft (5.55 m) below TOC
 Water elevation: 219.39 ft (66.87 m) msl
 pH: 4.9
 Sp. conductance: 26 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 65 gal

Time: 9:10
 Water temperature: 17.2°C
 Air temperature: 14.8°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,040				50.0	µg/L	GE	EPA353.1
0	pH	5.22	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	24.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.86E-10±3.65E-10	U			7.11E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.69E-10±5.66E-10	U			1.19E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.22E-05±1.07E-06	J	L	I	6.05E-07	µCi/mL	ML	EPIA-002

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 80.16 ft (24.43 m) below TOC
 Water elevation: 167.14 ft (50.94 m) msl
 pH: 6.5
 Sp. conductance: 160 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 222 gal

Time: 12:50
 Water temperature: 20.3°C
 Air temperature: 27.4°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	Mercury, total recoverable	<0.109	JU	V	4	0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2.440				50.0	µg/L	GE	EPA353.1
0	pH	6.83	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	277				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.80E-09±1.05E-09	J	I		1.28E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.43E-09±1.26E-09	J	I		2.38E-09	µCi/mL	ML	EPIA-001
2	Tritium	6.98E-04±5.46E-06	J	L	I	6.32E-07	µCi/mL	ML	EPIA-002
2	Tritium	6.92E-04±5.39E-06	J	L	I	6.23E-07	µCi/mL	ML	EPIA-002

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 90.7 ft (27.65 m) below TOC
 Water elevation: 166.4 ft (50.72 m) msl
 pH: 5.8
 Sp. conductance: 138 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 125 gal

Time: 8:38
 Water temperature: 19.9°C
 Air temperature: 14.6°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	6,300				250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	5,500				250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	5,500				250	µg/L	GE	EPA353.1
1	Nitrate-nitrite as nitrogen	5,500				250	µg/L	GE	EPA353.1
0	pH	6.59	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	143				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.23E-09±6.48E-10	J	I		8.46E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	8.59E-09±1.06E-09				1.39E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.24E-04±4.28E-06				5.71E-07	µCi/mL	ML	EPIA-002

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
Depth to water: 102.39 ft (31.21 m) below TOC
Water elevation: 165.81 ft (50.54 m) msl
pH: 7.1
Sp. conductance: 206 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 153 gal

Time: 11:20
Water temperature: Not available
Air temperature: 24.6°C
Total alkalinity (as CaCO₃): 96 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	7.32	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	206				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.27E-09±6.72E-10	J	I		9.55E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	8.64E-10±6.13E-10	U			1.23E-09	µCi/mL	ML	EPIA-001
0	Tritium	2.18E-07±4.28E-07	JU	L	I	6.03E-07	µCi/mL	ML	EPIA-002

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
Depth to water: 103.43 ft (31.53 m) below TOC
Water elevation: 171.17 ft (52.17 m) msl
pH: 6.9
Sp. conductance: 228 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 149 gal

Time: 14:41
Water temperature: 19.3°C
Air temperature: 19.7°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	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	<10.0	U		6	50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<20.0	U		6	200	µg/L	WA	EPA353.2
0	pH	7.48	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.78	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	228				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	217				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	-2.90E-10±1.46E-09	U			1.96E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	7.39E-10±3.92E-10	J	I		4.65E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-2.10E-10±1.66E-09	U			2.06E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	8.97E-10±5.26E-10	U			1.02E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.30E-07±3.30E-07	U			5.70E-07	µCi/mL	TM	EPA906.0M
0	Tritium	-1.89E-08±3.42E-07	U			4.97E-07	µCi/mL	ML	EPIA-002

WELL HSB121A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
Depth to water: 103.43 ft (31.53 m) below TOC
Water elevation: 171.17 ft (52.17 m) msl
pH: 6.9
Sp. conductance: 228 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 149 gal

Time: 14:41
Water temperature: 19.3°C
Air temperature: 19.7°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	630				50.0	µg/L	GE	EPA353.1
0	pH	7.46	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.46	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	229				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.30E-10±2.56E-10	U			4.55E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.05E-09±5.72E-10	U			1.11E-09	µCi/mL	ML	EPIA-001
0	Tritium	-9.51E-08±3.40E-07	U			4.99E-07	µCi/mL	ML	EPIA-002

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
Depth to water: 100.68 ft (30.69 m) below TOC
Water elevation: 170.92 ft (52.1 m) msl
pH: 6.9
Sp. conductance: 205 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 220 gal

Time: 15:19
Water temperature: 19°C
Air temperature: 17.6°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	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U		6	50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<200	U			200	µg/L	WA	EPA353.2
0	pH	7.15	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.16	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.08	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	204				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	194				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	8.00E-10±1.19E-09	U			1.85E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	5.00E-10±4.32E-10	U			7.76E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	8.30E-10±1.33E-09	U			2.04E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.19E-09±6.55E-10	U			1.29E-09	µCi/mL	ML	EPIA-001
0	Tritium	2.30E-07±3.40E-07	U			5.80E-07	µCi/mL	TM	EPA906.0M
0	Tritium	-1.21E-07±3.59E-07	U			5.27E-07	µCi/mL	ML	EPIA-002
0	Tritium	-1.79E-07±3.57E-07	U			5.29E-07	µCi/mL	ML	EPIA-002

WELL HSB122A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
Depth to water: 100.68 ft (30.69 m) below TOC
Water elevation: 170.92 ft (52.1 m) msl
pH: 6.9
Sp. conductance: 205 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 220 gal

Time: 15:19
Water temperature: 19°C
Air temperature: 17.6°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	<10.0	U		6	50.0	µg/L	GE	EPA353.1
0	pH	7.15	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	203				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.15E-10±3.77E-10	U			6.80E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.51E-09±5.66E-10	J	I		1.01E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.93E-08±3.51E-07	U			5.07E-07	µCi/mL	ML	EPIA-002
0	Tritium	3.84E-08±3.50E-07	U			5.03E-07	µCi/mL	ML	EPIA-002

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
Depth to water: 94.14 ft (28.69 m) below TOC
Water elevation: 171.56 ft (52.29 m) msl
pH: 10.7
Sp. conductance: 745 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 11:50
Water temperature: 17.6°C
Air temperature: 12.1°C
Total alkalinity (as CaCO₃): 152 mg/L
Phenolphthalein alkalinity: 145 mg/L
Field Qualifier(s): SXH

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	0.207				0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
2	pH	11.6	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	736				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.38E-09±7.59E-10	J	I		9.80E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	6.84E-09±9.32E-10				1.21E-09	µCi/mL	ML	EPIA-001
0	Tritium	0.00E+00±4.02E-07	U			5.82E-07	µCi/mL	ML	EPIA-002

WELL HSB124AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 95.43 ft (29.09 m) below TOC
 Water elevation: 171.37 ft (52.23 m) msl
 pH: 6.5
 Sp. conductance: 218 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 157 gal

Time: 9:35
 Water temperature: 19.4°C
 Air temperature: 12.9°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	7.21	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	219				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	9.40E-10±7.59E-10	U			1.29E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	9.23E-10±5.64E-10	U			1.10E-09	µCi/mL	ML	EPIA-001
0	Tritium	2.93E-07±4.13E-07	U			5.76E-07	µCi/mL	ML	EPIA-002

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 9.45 ft (2.88 m) below TOC
 Water elevation: 222.45 ft (67.8 m) msl
 pH: 5.4
 Sp. conductance: 23 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 140 gal

Time: 12:25
 Water temperature: 20°C
 Air temperature: 30.8°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	120				50.0	µg/L	GE	EPA353.1
0	pH	5.44	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	23.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-5.02E-10±4.54E-10	U			1.23E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	6.04E-10±5.89E-10	U			1.22E-09	µCi/mL	ML	EPIA-001
0	Tritium	2.46E-06±5.02E-07	J	L	I	5.64E-07	µCi/mL	ML	EPIA-002

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 11.81 ft (3.6 m) below TOC
 Water elevation: 219.89 ft (67.02 m) msl
 pH: 5.8
 Sp. conductance: 87 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 95 gal

Time: 12:45
 Water temperature: 19.2°C
 Air temperature: 29.2°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
0	Mercury, total recoverable	0.690	J	K	I	0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	4,170				150	µg/L	GE	EPA353.1
0	pH	5.61	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	88.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.22E-09±8.02E-10	J	I		1.15E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.02E-09±9.47E-10	J	I		1.51E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.18E-04±2.26E-06	J	L	I	5.86E-07	µCi/mL	ML	EPIA-002

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 8.89 ft (2.71 m) below TOC
 Water elevation: 203.71 ft (62.09 m) msl
 pH: 7.2
 Sp. conductance: 277 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 167 gal

Time: 13:35
 Water temperature: 18.7°C
 Air temperature: 27.1°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	12,000				250	µg/L	GE	EPA353.1
0	pH	7.77	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	283				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-4.43E-12±6.38E-10	U			1.46E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.68E-09±8.12E-10				1.28E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.65E-04±4.51E-06	J	L	I	6.03E-07	µCi/mL	ML	EPIA-002

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 8.38 ft (2.55 m) below TOC
 Water elevation: 204.32 ft (62.28 m) msl
 pH: 5.4
 Sp. conductance: 254 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 25 gal

Time: 15:35
 Water temperature: 23.7°C
 Air temperature: 25.1°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
2	Mercury, total recoverable	2.14	J	K	I	0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	30,000				1,250	µg/L	GE	EPA353.1
2	Nitrate-nitrite as nitrogen	30,300				1,250	µg/L	GE	EPA353.1
0	pH	4.89	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.88	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	258				1.00	µS/cm	GE	EPA9050A
1	Specific conductance	259				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.50E-09±1.15E-09	U			1.96E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.10E-09±1.33E-09				1.77E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.42E-03±7.83E-06	J	L	I	6.01E-07	µCi/mL	ML	EPIA-002
2	Tritium	1.42E-03±7.90E-06	J	L	I	6.09E-07	µCi/mL	ML	EPIA-002

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 17.35 ft (5.29 m) below TOC
 Water elevation: 208.35 ft (63.51 m) msl
 pH: 7.3
 Sp. conductance: 264 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 103 gal

Time: 10:35
 Water temperature: 19°C
 Air temperature: 18.6°C
 Total alkalinity (as CaCO₃): 93 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	9,050				250	µg/L	GE	EPA353.1
0	pH	7.58	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	267				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-5.82E-10±1.85E-09	U			9.78E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.07E-09±2.15E-09	U			6.64E-09	µCi/mL	ML	EPIA-001
2	Tritium	7.92E-04±5.63E-06				5.06E-07	µCi/mL	ML	EPIA-002

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 15.35 ft (4.68 m) below TOC
 Water elevation: 210.75 ft (64.24 m) msl
 pH: 4.8
 Sp. conductance: 51 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 76 gal

Time: 10:55
 Water temperature: 17.5°C
 Air temperature: 21.8°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	Mercury, total recoverable	0.255				0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	4.320				150	µg/L	GE	EPA353.1
0	pH	4.84	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	44.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.96E-09±2.23E-09	U			8.79E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	1.06E-07±7.19E-09				6.57E-09	µCi/mL	ML	EPIA-001
2	Tritium	8.17E-05±1.84E-06				5.06E-07	µCi/mL	ML	EPIA-002

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 11.11 ft (3.39 m) below TOC
 Water elevation: 203.99 ft (62.18 m) msl
 pH: 5.3
 Sp. conductance: 302 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 89 gal

Time: 11:34
 Water temperature: 20.1°C
 Air temperature: 28.8°C
 Total alkalinity (as CaCO₃): 21 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	33,500		Y		1,250	µg/L	GE	EPA353.1
0	pH	5.60	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	297				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.85E-09±5.95E-10				4.93E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.27E-08±1.18E-09				5.75E-10	µCi/mL	GP	EPIA-001
2	Tritium	2.66E-03±5.16E-05				4.07E-06	µCi/mL	GP	EPIA-002

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 7.68 ft (2.34 m) below TOC
 Water elevation: 207.02 ft (63.1 m) msl
 pH: 4.7
 Sp. conductance: 122 µS/cm
 Turbidity: 12 NTU
 Water evacuated from the well prior to sampling: 59 gal

Time: 8:35
 Water temperature: 16.3°C
 Air temperature: 12.5°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
2	Nitrate-nitrite as nitrogen	12,300				250	µg/L	GE	EPA353.1
0	pH	4.94	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	125				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.05E-09±2.52E-09	U			9.25E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.93E-08±3.37E-09				6.60E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.26E-03±7.13E-06				5.10E-07	µCi/mL	ML	EPIA-002

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 18.85 ft (5.75 m) below TOC
 Water elevation: 199.45 ft (60.79 m) msl
 pH: 7.8
 Sp. conductance: 164 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 228 gal

Time: 12:48
 Water temperature: 18.4°C
 Air temperature: 21.9°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	220				50.0	µg/L	GE	EPA353.1
0	pH	7.96	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	164				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-1.46E-09±1.50E-09	U			9.29E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	8.88E-10±1.62E-09	U			6.61E-09	µCi/mL	ML	EPIA-001
0	Tritium	6.98E-07±3.83E-07	J	I		5.01E-07	µCi/mL	ML	EPIA-002
0	Tritium	9.44E-07±3.95E-07	J	I		5.01E-07	µCi/mL	ML	EPIA-002

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 19.09 ft (5.82 m) below TOC
 Water elevation: 199.51 ft (60.81 m) msl
 pH: 6
 Sp. conductance: 39 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 32 gal

Time: 7:40
 Water temperature: 17.4°C
 Air temperature: 13.5°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	650				50.0	µg/L	GE	EPA353.1
0	pH	6.30	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	55.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.95E-09±3.14E-09	U			8.65E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.57E-10±1.60E-09	U			6.51E-09	µCi/mL	ML	EPIA-001
0	Tritium	6.36E-06±6.28E-07				5.46E-07	µCi/mL	ML	EPIA-002

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 8.32 ft (2.54 m) below TOC
 Water elevation: 203.38 ft (61.99 m) msl
 pH: 7.8
 Sp. conductance: 216 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 246 gal

Time: 11:35
 Water temperature: 18.8°C
 Air temperature: 23.3°C
 Total alkalinity (as CaCO₃): 93 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	2,500				50.0	µg/L	GE	EPA353.1
0	pH	7.87	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	214				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.32E-09±2.26E-09	U			9.67E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-6.61E-10±1.41E-09	U			6.63E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.23E-04±2.24E-06				5.05E-07	µCi/mL	ML	EPIA-002

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 7.62 ft (2.32 m) below TOC
 Water elevation: 204.48 ft (62.33 m) msl
 pH: 5.2
 Sp. conductance: 24 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 38 gal

Time: 12:00
 Water temperature: 17.2°C
 Air temperature: 23.1°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	390				50.0	µg/L	GE	EPA353.1
0	pH	5.12	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	23.2				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.91E-09±3.12E-09	U			8.61E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.22E-09±1.86E-09	U			6.56E-09	µCi/mL	ML	EPIA-001
0	Tritium	6.68E-06±6.20E-07				5.04E-07	µCi/mL	ML	EPIA-002

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 20.11 ft (6.13 m) below TOC
 Water elevation: 220.39 ft (67.18 m) msl
 pH: 5.6
 Sp. conductance: 23 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 80 gal

Time: 13:40
 Water temperature: 20.9°C
 Air temperature: 27.7°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
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	70.0				50.0	µg/L	GE	EPA353.1
0	pH	5.50	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.50	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	22.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-1.37E-09±1.41E-09	U			8.71E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.60E-09±2.08E-09	U			6.57E-09	µCi/mL	ML	EPIA-001
0	Tritium	2.91E-07±3.65E-07	U			5.07E-07	µCi/mL	ML	EPIA-002

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 24.73 ft (7.54 m) below TOC
 Water elevation: 215.97 ft (65.83 m) msl
 pH: 5.4
 Sp. conductance: 21 µS/cm
 Turbidity: 8 NTU
 Water evacuated from the well prior to sampling: 18 gal

Time: 13:55
 Water temperature: 19.5°C
 Air temperature: 28.2°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	620				50.0	µg/L	GE	EPA353.1
0	pH	5.15	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	18.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.85E-09±2.34E-09	U			8.59E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	3.34E-10±1.83E-09	U			8.61E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.97E-09±1.91E-09	U			6.56E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.87E-10±1.61E-09	U			6.56E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.26E-05±7.91E-07				5.09E-07	µCi/mL	ML	EPIA-002

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 25.6 ft (7.8 m) below TOC
 Water elevation: 230 ft (70.1 m) msl
 pH: 5.9
 Sp. conductance: 30 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 89 gal

Time: 13:49
 Water temperature: 19.1°C
 Air temperature: 20.6°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
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	<40.0	U		6	50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<40.0	U		6	50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<60.0	U		6	200	µg/L	WA	EPA353.2
0	pH	5.95	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.08	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	32.7				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	32.6				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	30.6				8.90	µS/cm	WA	EPA9050A
0	Gross alpha	9.00E-11±6.90E-10	U			1.18E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	1.99E-10±2.36E-10	U			4.46E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.30E-10±1.02E-09	U			1.60E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	8.25E-10±5.01E-10	U			9.79E-10	µCi/mL	ML	EPIA-001
0	Tritium	-1.00E-07±3.20E-07	U			5.90E-07	µCi/mL	TM	EPA906.0M
0	Tritium	3.28E-07±3.67E-07	U			5.06E-07	µCi/mL	ML	EPIA-002

WELL HSB133C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Depth to water: 25.6 ft (7.8 m) below TOC
 Water elevation: 230 ft (70.1 m) msl
 pH: 5.9
 Sp. conductance: 30 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 89 gal

Time: 13:49
 Water temperature: 19.1°C
 Air temperature: 20.6°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
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<60.0	U		6	50.0	µg/L	GE	EPA353.1
0	pH	5.92	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	31.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-8.20E-12±2.38E-10	U			6.24E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.84E-10±4.94E-10	U			1.04E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.73E-07±3.58E-07	U			5.04E-07	µCi/mL	ML	EPIA-002

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 19.35 ft (5.9 m) below TOC
 Water elevation: 235.95 ft (71.92 m) msl
 pH: 5.5
 Sp. conductance: 57 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 78 gal

Time: 12:42
 Water temperature: 19.2°C
 Air temperature: 27.1°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
0	Nitrate-nitrite as nitrogen	300				50.0	µg/L	GE	EPA353.1
0	pH	5.65	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	57.8				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	57.8				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	57.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.41E-10±3.69E-10	U			6.31E-10	µCi/mL	ML	EPIA-001
0	Gross alpha	4.14E-10±3.49E-10	U			6.20E-10	µCi/mL	ML	EPIA-001

Well HSB133D collected on 04/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nonvolatile beta	1.18E-09±6.86E-10	U			1.28E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.10E-09±5.06E-10	J	I		9.11E-10	µCi/mL	ML	EPIA-001
1	Tritium	1.53E-05±9.02E-07	J	K	I	5.73E-07	µCi/mL	ML	EPIA-002

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 18.68 ft (5.69 m) below TOC
 Water elevation: 219.72 ft (66.97 m) msl
 pH: 6
 Sp. conductance: 53 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 145 gal

Time: 13:25
 Water temperature: 19.8°C
 Air temperature: 26.2°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	1.110				50.0	µg/L	GE	EPA353.1
0	pH	6.17	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.19	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	52.9				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.59E-10±2.99E-10	U			4.74E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.37E-09±5.60E-10	J	I		1.00E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.92E-05±1.00E-06	J	K	I	5.85E-07	µCi/mL	ML	EPIA-002

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/00
 Depth to water: 19.4 ft (5.91 m) below TOC
 Water elevation: 218.7 ft (66.66 m) msl
 pH: 4.3
 Sp. conductance: 139 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 33 gal

Time: 12:30
 Water temperature: 19.5°C
 Air temperature: 14.4°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	Mercury, total recoverable	0.657				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	11,800				1,250	µg/L	GE	EPA353.1
0	pH	4.14	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	142				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.27E-08±1.04E-09				2.82E-10	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	1.07E-06±6.38E-09				7.50E-10	µCi/mL	ML	EPIA-001
2	Tritium	5.68E-04±4.96E-06				5.73E-07	µCi/mL	ML	EPIA-002
2	Tritium	6.36E-04±5.66E-06				6.66E-07	µCi/mL	ML	EPIA-002

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 26.43 ft (8.06 m) below TOC
 Water elevation: 205.57 ft (62.66 m) msl
 pH: 7.7
 Sp. conductance: 191 µS/cm
 Turbidity: 13 NTU
 Water evacuated from the well prior to sampling: 170 gal

Time: 9:30
 Water temperature: 18.5°C
 Air temperature: 15.6°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	480				50.0	µg/L	GE	EPA353.1
0	pH	7.79	J	Q		0.100	pH	GE	EPA9040B
0	pH	7.81	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	194				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.27E-09±2.68E-09	U			9.84E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.41E-09±2.10E-09	U			6.64E-09	µCi/mL	ML	EPIA-001

ESH-EMS-2000406

Well HSB135C collected on 04/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	2.61E-05±1.08E-06				5.10E-07	µCi/mL	ML	EPIA-002

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 24.58 ft (7.49 m) below TOC
 Water elevation: 207.72 ft (63.31 m) msl
 pH: 4.8
 Sp. conductance: 39 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 96 gal

Time: 9:55
 Water temperature: 18.3°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	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	4.84	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	39.7				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	9.68E-09±3.38E-09	J	I		8.72E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	5.14E-08±5.14E-09				6.57E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.55E-05±8.65E-07				5.13E-07	µCi/mL	ML	EPIA-002

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 16.22 ft (4.94 m) below TOC
 Water elevation: 211.68 ft (64.52 m) msl
 pH: 6.1
 Sp. conductance: 341 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:15
 Water temperature: 19.5°C
 Air temperature: 19.9°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
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	102,000				2,500	µg/L	GE	EPA353.1
1	pH	9.32	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	324				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.17E-09±6.72E-10				6.48E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	8.36E-08±1.36E-09				6.40E-10	µCi/mL	GP	EPIA-001
2	Tritium	5.41E-03±1.02E-03				6.07E-06	µCi/mL	GP	EPIA-002

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 13.3 ft (4.05 m) below TOC
 Water elevation: 214.7 ft (65.44 m) msl
 pH: 3.7
 Sp. conductance: 134 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 41 gal

Time: 9:01
 Water temperature: 17°C
 Air temperature: 14.7°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	0.181	J	I		0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	2,440	J	LY	I	50.0	µg/L	GE	EPA353.1
0	pH	4.38	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	134	J	Q		1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.34E-08±1.07E-09				4.64E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.73E-07±3.52E-09				5.89E-10	µCi/mL	GP	EPIA-001
2	Tritium	1.74E-04±3.47E-06				9.32E-07	µCi/mL	GP	EPIA-002

B-164

Second Quarter 2000

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 21.63 ft (6.59 m) below TOC
 Water elevation: 214.37 ft (65.34 m) msl
 pH: 6
 Sp. conductance: 395 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 73 gal

Time: 10:30
 Water temperature: 20°C
 Air temperature: 19.4°C
 Total alkalinity (as CaCO₃): 21 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	0.366				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	35,000	J	L	I	2,500	µg/L	GE	EPA353.1
0	pH	6.12	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.12	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	381				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.13E-09±1.29E-09	U			1.76E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	1.09E-09±1.58E-09	U			1.56E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	1.09E-09±1.58E-09	U			1.56E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	6.12E-08±3.47E-09				2.05E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.15E-08±3.18E-09				1.73E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	5.15E-08±3.18E-09				1.73E-09	µCi/mL	GP	EPIA-001
2	Tritium	7.50E-03±1.39E-03				7.27E-06	µCi/mL	GP	EPIA-002

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 20.25 ft (6.17 m) below TOC
 Water elevation: 216.35 ft (65.94 m) msl
 pH: 5.2
 Sp. conductance: 163 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 22 gal

Time: 8:57
 Water temperature: 17.2°C
 Air temperature: 11.9°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	Mercury, total recoverable	0.228				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	16,800	J	L	I	1,250	µg/L	GE	EPA353.1
0	pH	5.35	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	155				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	155				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.95E-09±5.32E-10				3.87E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.48E-08±9.17E-10				5.92E-10	µCi/mL	GP	EPIA-001
2	Tritium	2.94E-03±5.74E-05				4.38E-06	µCi/mL	GP	EPIA-002

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 Depth to water: 32.2 ft (9.81 m) below TOC
 Water elevation: 220.2 ft (67.12 m) msl
 pH: 5.2
 Sp. conductance: 23 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 25 gal

Time: 8:10
 Water temperature: 18.4°C
 Air temperature: 11.1°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				0.200	µg/L	GE	EPA7470A
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	Nitrate-nitrite as nitrogen	1,560				50.0	µg/L	GE	EPA353.1
0	pH	5.74	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	27.6				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	27.6				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	27.6				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	2.31E-08±4.75E-09				8.62E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	-1.36E-09±1.40E-09	U			8.65E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.76E-09±2.02E-09	U			6.56E-09	µCi/mL	ML	EPIA-001

ESH-EMS-2000406

Well HSB138D collected on 04/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nonvolatile beta	2.74E-09±1.86E-09	U			6.56E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.04E-05±1.32E-06				5.13E-07	µCi/mL	ML	EPIA-002

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 60.6 ft (18.47 m) below TOC
 Water elevation: 173.1 ft (52.76 m) msl
 pH: 7.2
 Sp. conductance: 221 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 260 gal

Time: 14:40
 Water temperature: 18.8°C
 Air temperature: 19.4°C
 Total alkalinity (as CaCO₃): 109 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	J	I		50.0	µg/L	GE	EPA353.1
0	pH	7.53	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	225				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.22E-09±2.41E-09	U			9.48E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.65E-09±1.77E-09	U			6.67E-09	µCi/mL	ML	EPIA-001
0	Tritium	-7.52E-08±3.70E-07	U			5.41E-07	µCi/mL	ML	EPIA-002

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 Depth to water: 21.75 ft (6.63 m) below TOC
 Water elevation: 212.05 ft (64.63 m) msl
 pH: 5.6
 Sp. conductance: 348 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 14:06
 Water temperature: 20.8°C
 Air temperature: 31.3°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
1	Mercury, total recoverable	1.00				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	38,500	J	LY	I	2,500	µg/L	GE	EPA353.1
0	pH	5.76	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	328				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.56E-09±3.50E-10				3.10E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.13E-09±5.32E-10				5.25E-10	µCi/mL	GP	EPIA-001
2	Tritium	2.23E-03±4.32E-05				3.70E-06	µCi/mL	GP	EPIA-002

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 16.95 ft (5.17 m) below TOC
 Water elevation: 216.85 ft (66.1 m) msl
 pH: 5.4
 Sp. conductance: 40 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 41 gal

Time: 15:10
 Water temperature: 19°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,420				50.0	µg/L	GE	EPA353.1
0	pH	4.89	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	40.4				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	40.9				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	40.9				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.47E-09±2.35E-09	U			8.12E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.22E-08±3.45E-09				6.24E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.35E-04±3.09E-06				5.48E-07	µCi/mL	ML	EPIA-002

B-165

Second Quarter 2000

WELL HSB140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 61.13 ft (18.63 m) below TOC
 Water elevation: 174.77 ft (53.27 m) msl
 pH: 6.8
 Sp. conductance: 144 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 198 gal

Time: 10:00
 Water temperature: 18.6°C
 Air temperature: 17.9°C
 Total alkalinity (as CaCO₃): 62 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	<9.00	U			50.0	µg/L	GE	EPA353.1
0	pH	6.85	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.86	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	146				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.06E-09±2.73E-09	U			9.45E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.01E-09±1.82E-09	U			6.62E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.31E-07±3.84E-07	U			5.45E-07	µCi/mL	ML	EPIA-002

WELL HSB140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 30.51 ft (9.3 m) below TOC
 Water elevation: 205.09 ft (62.51 m) msl
 pH: 5.8
 Sp. conductance: 22 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 112 gal

Time: 10:25
 Water temperature: 19.2°C
 Air temperature: 19.7°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
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	640				50.0	µg/L	GE	EPA353.1
0	pH	5.61	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	20.5				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	8.69E-09±3.21E-09	J	I		8.54E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-1.08E-09±1.39E-09	U			6.53E-09	µCi/mL	ML	EPIA-001
0	Tritium	3.50E-06±5.35E-07				5.52E-07	µCi/mL	ML	EPIA-002

WELL HSB140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 24.51 ft (7.47 m) below TOC
 Water elevation: 211.69 ft (64.52 m) msl
 pH: 5.3
 Sp. conductance: 19 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 84 gal

Time: 10:50
 Water temperature: 19.1°C
 Air temperature: 18.9°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	560				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	560				50.0	µg/L	GE	EPA353.1
0	pH	4.91	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	16.7				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.85E-09±2.33E-09	U			8.58E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.05E-09±1.81E-09	U			6.61E-09	µCi/mL	ML	EPIA-001
0	Tritium	9.64E-06±7.29E-07				5.50E-07	µCi/mL	ML	EPIA-002

WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 80.35 ft (24.49 m) below TOC
 Water elevation: 174.25 ft (53.11 m) msl
 pH: 10.8
 Sp. conductance: 932 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 144 gal

Time: 10:35
 Water temperature: 20.5°C
 Air temperature: 25°C
 Total alkalinity (as CaCO₃): 227 mg/L
 Phenolphthalein alkalinity: 215 mg/L
 Field Qualifier(s): SH

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	90.0				50.0	µg/L	GE	EPA353.1
2	pH	11.5	J	Q		0.100	pH	GE	EPA9040B
2	Specific conductance	900				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	1.14E-08±4.22E-09	J	I		1.13E-08	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.55E-09±2.28E-09	U			6.72E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.48E-06±4.33E-07				5.18E-07	µCi/mL	ML	EPIA-002

WELL HSB141CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 27.27 ft (8.31 m) below TOC
 Water elevation: 227.03 ft (69.2 m) msl
 pH: 6.2
 Sp. conductance: 21 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 172 gal

Time: 11:00
 Water temperature: 19.5°C
 Air temperature: 26.5°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	210				50.0	µg/L	GE	EPA353.1
0	pH	5.61	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	19.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-5.11E-10±1.64E-09	U			8.70E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-1.95E-09±1.14E-09	U			6.57E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.62E-06±4.33E-07				5.08E-07	µCi/mL	ML	EPIA-002

WELL HSB141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 17.44 ft (5.32 m) below TOC
 Water elevation: 237.36 ft (72.35 m) msl
 pH: 5.9
 Sp. conductance: 21 µS/cm
 Turbidity: 23 NTU
 Water evacuated from the well prior to sampling: 46 gal

Time: 12:10
 Water temperature: 22.8°C
 Air temperature: 27.4°C
 Total alkalinity (as CaCO₃): 4 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SN

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	250				50.0	µg/L	GE	EPA353.1
0	pH	5.64	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	20.9				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.37E-10±1.83E-09	U			8.62E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-2.47E-09±1.04E-09	JU			6.56E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.23E-05±7.78E-07				5.03E-07	µCi/mL	ML	EPIA-002

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 6.29 ft (1.92 m) below TOC
 Water elevation: 197.71 ft (60.26 m) msl
 pH: 5.5
 Sp. conductance: 23 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 93 gal

Time: 13:05
 Water temperature: 17.5°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	410				50.0	µg/L	GE	EPA353.1
0	pH	5.46	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	21.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.24E-09±2.68E-09	U			8.38E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.73E-09±1.85E-09	U			6.35E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.59E-05±8.81E-07				5.47E-07	µCi/mL	ML	EPIA-002

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 6.75 ft (2.06 m) below TOC
 Water elevation: 197.25 ft (60.12 m) msl
 pH: 5.7
 Sp. conductance: 23 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 95 gal

Time: 13:50
 Water temperature: 19.8°C
 Air temperature: 30.6°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	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	270				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	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	373				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.07	J	I		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	4,230				675	µg/L	ML	EPA6010B
2	Thallium, total recoverable	63.0				20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	51.2				30.0	µg/L	ML	EPA6010B

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 7.47 ft (2.28 m) below TOC
 Water elevation: 196.73 ft (59.96 m) msl
 pH: 5.2
 Sp. conductance: 44 µS/cm
 Turbidity: 13 NTU
 Water evacuated from the well prior to sampling: 15 gal

Time: 13:55
 Water temperature: 18.4°C
 Air temperature: 18.5°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A

ESH-EMS-2000406

Well HSB142D collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nitrate-nitrite as nitrogen	550				50.0	µg/L	GE	EPA353.1
0	pH	5.03	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	44.7				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.82E-09±2.56E-09	U			8.87E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-8.16E-10±1.43E-09	U			6.72E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.03E-04±3.53E-06				5.56E-07	µCi/mL	ML	EPIA-002

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 8.11 ft (2.47 m) below TOC
 Water elevation: 196.09 ft (59.77 m) msl
 pH: 5.3
 Sp. conductance: 45 µS/cm
 Turbidity: 12 NTU
 Water evacuated from the well prior to sampling: 12 gal

Time: 14:40
 Water temperature: 18.8°C
 Air temperature: 31.1°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
2	Aluminum, total recoverable	242				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	208				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	1,670				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	Iron, total recoverable	37.2	J	I		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	427				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	4.06	J	I		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	6,530				675	µg/L	ML	EPA6010B
2	Thallium, total recoverable	54.5				20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	76.1				30.0	µg/L	ML	EPA6010B

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 14.81 ft (4.51 m) below TOC
 Water elevation: 207.39 ft (63.21 m) msl
 pH: 5.2
 Sp. conductance: 53 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 171 gal

Time: 11:55
 Water temperature: 18.7°C
 Air temperature: 17.5°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	620				50.0	µg/L	GE	EPA353.1
0	pH	5.12	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	54.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	7.03E-09±2.99E-09	U			8.56E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-2.29E-09±1.10E-09	JU			6.33E-09	µCi/mL	ML	EPIA-001
0	Tritium	5.99E-06±6.20E-07				5.50E-07	µCi/mL	ML	EPIA-002

B-167

Second Quarter 2000

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 12.07 ft (3.68 m) below TOC
 Water elevation: 210.83 ft (64.26 m) msl
 pH: 5
 Sp. conductance: 20 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 113 gal

Time: 12:20
 Water temperature: 17.9°C
 Air temperature: 17.4°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	420				50.0	µg/L	GE	EPA353.1
0	pH	4.78	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	18.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.39E-09±2.76E-09	U			8.61E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.43E-09±1.74E-09	U			6.55E-09	µCi/mL	ML	EPIA-001
0	Tritium	7.82E-06±6.69E-07				5.41E-07	µCi/mL	ML	EPIA-002

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 65.62 ft (20 m) below TOC
 Water elevation: 169.98 ft (51.81 m) msl
 pH: 6.7
 Sp. conductance: 138 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 186 gal

Time: 9:42
 Water temperature: 17.4°C
 Air temperature: 12.9°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	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	190				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	290				200	µg/L	WA	EPA353.2
0	pH	6.82	J	Q		0.100	pH	GE	EPA9040B
0	pH	6.80	J	Q		0.100	pH	WA	EPA9040B
0	Specific conductance	<372	U		6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	<138	U		6	8.90	µS/cm	WA	EPA9050A
0	Gross alpha	1.00E-10±7.80E-10	U			1.33E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	2.30E-10±7.90E-10	U			1.31E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	6.81E-10±4.37E-10	U			6.84E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.75E-09±1.22E-09	J	I		1.70E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.23E-09±1.19E-09	J	I		1.69E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.39E-09±6.45E-10				1.08E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.17E-05±8.10E-07				6.00E-07	µCi/mL	TM	EPA906.0M
1	Tritium	1.15E-05±8.10E-07				5.90E-07	µCi/mL	TM	EPA906.0M
1	Tritium	1.48E-05±8.46E-07				5.90E-07	µCi/mL	ML	EPIA-002

WELL HSB144A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Depth to water: 65.62 ft (20 m) below TOC
 Water elevation: 169.98 ft (51.81 m) msl
 pH: 6.7
 Sp. conductance: 138 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 186 gal

Time: 9:42
 Water temperature: 17.4°C
 Air temperature: 12.9°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	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	6.81	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	<141	U		6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.73E-10±4.19E-10	U			7.53E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.69E-09±6.63E-10				1.07E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.06E-05±9.61E-07				5.87E-07	µCi/mL	ML	EPIA-002

ESH-EMS-2000406

WELL HSB145C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 23.87 ft (7.28 m) below TOC
 Water elevation: 211.83 ft (64.57 m) msl
 pH: 6
 Sp. conductance: 348 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 88 gal

Time: 9:40
 Water temperature: 18.4°C
 Air temperature: 14.2°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
1	Mercury, total recoverable	1.74				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	37.000				2.500	µg/L	GE	EPA353.1
0	pH	6.01	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	354				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.78E-09±3.49E-09	U			1.09E-08	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	3.82E-08±4.55E-09				6.74E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.54E-03±7.80E-06				5.11E-07	µCi/mL	ML	EPIA-002

WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 Depth to water: 20.45 ft (6.23 m) below TOC
 Water elevation: 215.75 ft (65.76 m) msl
 pH: 5.2
 Sp. conductance: 233 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 60 gal

Time: 12:17
 Water temperature: 21.4°C
 Air temperature: 25.1°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
2	Mercury, total recoverable	2.52				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	22.000				2.500	µg/L	GE	EPA353.1
0	pH	5.92	J	Q		0.100	pH	GE	EPA9040B
1	Specific conductance	385				1.00	µS/cm	GE	EPA9050A
2	Gross alpha	4.45E-08±3.68E-09				1.26E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	4.80E-07±6.54E-09				1.29E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.45E-03±7.97E-06				6.15E-07	µCi/mL	ML	EPIA-002

WELL HSB146A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 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: 181 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 214 gal

Time: 8:15
 Water temperature: 18.4°C
 Air temperature: 11.1°C
 Total alkalinity (as CaCO₃): 86 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	7.20	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	182				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-5.64E-10±1.81E-09	U			9.55E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.73E-10±1.56E-09	U			6.62E-09	µCi/mL	ML	EPIA-001
0	Tritium	5.99E-07±3.80E-07	J	I		5.05E-07	µCi/mL	ML	EPIA-002

B-168

Second Quarter 2000

WELL HSB146C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 43.28 ft (13.19 m) below TOC
 Water elevation: 209.02 ft (63.71 m) msl
 pH: 8.3
 Sp. conductance: 62 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 128 gal

Time: 8:50
 Water temperature: 18.6°C
 Air temperature: 17.1°C
 Total alkalinity (as CaCO₃): 28 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): HS

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	670				50.0	µg/L	GE	EPA353.1
0	pH	7.42	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	64.9				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.35E-09±2.94E-09	U			8.79E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.85E-09±1.80E-09	U			6.57E-09	µCi/mL	ML	EPIA-001
0	Tritium	9.72E-06±7.15E-07				5.09E-07	µCi/mL	ML	EPIA-002

WELL HSB146D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 32.75 ft (9.98 m) below TOC
 Water elevation: 220.35 ft (67.16 m) msl
 pH: 5.6
 Sp. conductance: 18 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 22 gal

Time: 9:20
 Water temperature: 20.2°C
 Air temperature: 21.6°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	550				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	540				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	540				50.0	µg/L	GE	EPA353.1
0	pH	5.06	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	16.6				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	16.6				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	16.6				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	16.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	6.24E-09±2.89E-09	U			8.64E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.71E-09±2.03E-09	U			6.56E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.03E-05±7.30E-07				5.07E-07	µCi/mL	ML	EPIA-002

WELL HSB147D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 41.01 ft (12.5 m) below TOC
 Water elevation: 226.29 ft (68.97 m) msl
 pH: 5.3
 Sp. conductance: 28 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 34 gal

Time: 11:05
 Water temperature: 18.6°C
 Air temperature: 20.4°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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	310				50.0	µg/L	GE	EPA353.1
0	pH	5.32	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	28.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-1.37E-09±1.41E-09	U			8.73E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-2.40E-09±1.05E-09	JU			6.64E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.01E-05±7.23E-07				5.12E-07	µCi/mL	ML	EPIA-002

WELL HSB148C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 50.05 ft (15.26 m) below TOC
 Water elevation: 200.85 ft (61.22 m) msl
 pH: 8.4
 Sp. conductance: 69 µS/cm
 Turbidity: 152 NTU
 Water evacuated from the well prior to sampling: 60 gal

Time: 8:50
 Water temperature: 17.5°C
 Air temperature: 14.3°C
 Total alkalinity (as CaCO₃): 22 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): HNS

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
1	pH	8.91	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	69.2				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	69.3				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	69.3				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	9.50E-09±3.51E-09	J	I		9.35E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	6.79E-09±2.36E-09	J	I		6.54E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.45E-06±4.89E-07	J	I		6.06E-07	µCi/mL	ML	EPIA-002

WELL HSB148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 39.55 ft (12.05 m) below TOC
 Water elevation: 211.55 ft (64.48 m) msl
 pH: 6.8
 Sp. conductance: 116 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 27 gal

Time: 9:15
 Water temperature: 18.8°C
 Air temperature: 14.4°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	90.0				50.0	µg/L	GE	EPA353.1
0	pH	6.88	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	117				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.41E-10±1.87E-09	U			8.81E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	7.70E-10±1.57E-09	U			6.42E-09	µCi/mL	ML	EPIA-001
0	Tritium	9.84E-06±7.66E-07				5.88E-07	µCi/mL	ML	EPIA-002
0	Tritium	9.20E-06±7.12E-07				5.45E-07	µCi/mL	ML	EPIA-002

WELL HSB149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 22.25 ft (6.78 m) below TOC
 Water elevation: 217.75 ft (66.37 m) msl
 pH: 4.8
 Sp. conductance: 25 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 32 gal

Time: 9:00
 Water temperature: 17.2°C
 Air temperature: 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	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	830				50.0	µg/L	GE	EPA353.1
0	pH	4.86	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	23.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.94E-09±2.10E-09	U			8.29E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-6.79E-10±1.35E-09	U			6.35E-09	µCi/mL	ML	EPIA-001
2	Tritium	6.24E-05±1.60E-06				5.09E-07	µCi/mL	ML	EPIA-002

WELL HSB150D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 13.96 ft (4.26 m) below TOC
 Water elevation: 225.04 ft (68.59 m) msl
 pH: 5.2
 Sp. conductance: 28 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 29 gal

Time: 10:25
 Water temperature: 18.5°C
 Air temperature: 17°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	<9.00	U			50.0	µg/L	GE	EPA353.1
0	pH	5.16	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	27.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-4.93E-10±1.58E-09	U			8.37E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-5.40E-10±1.35E-09	U			6.33E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.47E-05±8.40E-07				5.12E-07	µCi/mL	ML	EPIA-002

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 7.56 ft (2.3 m) below TOC
 Water elevation: 206.04 ft (62.8 m) msl
 pH: 4.5
 Sp. conductance: 77 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 55 gal

Time: 8:00
 Water temperature: 16.2°C
 Air temperature: 4.9°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	0.215				0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	7.600				250	µg/L	GE	EPA353.1
0	pH	4.79	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	74.5				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.66E-09±2.70E-09	U			8.84E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.68E-09±2.24E-09	U			6.59E-09	µCi/mL	ML	EPIA-001
2	Tritium	7.97E-04±5.61E-06				5.11E-07	µCi/mL	ML	EPIA-002

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 8.07 ft (2.46 m) below TOC
 Water elevation: 205.53 ft (62.65 m) msl
 pH: 5.2
 Sp. conductance: 77 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 79 gal

Time: 12:50
 Water temperature: 19.8°C
 Air temperature: 31.6°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	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	484				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	2,020				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	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	1,110				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	7.00	J	I		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

ESH-EMS-2000406

Well HSB151C collected on 05/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	11,000				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<25.8	U	V		20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	47.1				30.0	µg/L	ML	EPA6010B

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 8.37 ft (2.55 m) below TOC
 Water elevation: 205.23 ft (62.55 m) msl
 pH: 4.7
 Sp. conductance: 26 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 31 gal

Time: 8:20
 Water temperature: 15.6°C
 Air temperature: 5.8°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
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1.550				50.0	µg/L	GE	EPA353.1
0	pH	4.97	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	25.6				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.67E-09±2.47E-09	U			8.54E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.36E-09±1.95E-09	U			6.51E-09	µCi/mL	ML	EPIA-001
2	Tritium	3.48E-05±1.23E-06				5.13E-07	µCi/mL	ML	EPIA-002

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 9 ft (2.74 m) below TOC
 Water elevation: 204.6 ft (62.36 m) msl
 pH: 5.5
 Sp. conductance: 27 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 60 gal

Time: 13:20
 Water temperature: 18.6°C
 Air temperature: 32.1°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
1	Aluminum, total recoverable	49.2				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	211				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	761				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	Iron, total recoverable	16.0	J	I		40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	393				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			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	3,800				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<47.5	U	V		20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B

B-170

Second Quarter 2000

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 16.1 ft (4.91 m) below TOC
 Water elevation: 198 ft (60.35 m) msl
 pH: 5
 Sp. conductance: 120 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 79 gal

Time: 12:00
 Water temperature: 17.6°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	0.277				0.200	µg/L	GE	EPA7470A
2	Nitrate-nitrite as nitrogen	13,500				1,250	µg/L	GE	EPA353.1
0	pH	4.80	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	131				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.01E-09±2.20E-09	U			8.67E-09	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	2.78E-08±3.81E-09				6.29E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.30E-03±7.21E-06				5.16E-07	µCi/mL	ML	EPIA-002

WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.3
 Sp. conductance: 42 µS/cm
 Turbidity: 108 NTU
 Water evacuated from the well prior to sampling: 10 gal

Time: 14:50
 Water temperature: 19.6°C
 Air temperature: 26.3°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SNX

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	2,260				50.0	µg/L	GE	EPA353.1
0	pH	5.04	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	40.0				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	40.1				1.00	µS/cm	GE	EPA9050A
0	Specific conductance	40.0				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	8.83E-09±3.26E-09	J	IL	I	8.69E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	8.15E-09±2.48E-09	J	I		6.52E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.81E-04±2.70E-06				5.13E-07	µCi/mL	ML	EPIA-002
2	Tritium	1.81E-04±2.69E-06				5.10E-07	µCi/mL	ML	EPIA-002

WELL HSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 27.84 ft (8.49 m) below TOC
 Water elevation: 236.16 ft (71.98 m) msl
 pH: 4.9
 Sp. conductance: 54 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 30 gal

Time: 13:05
 Water temperature: 21.1°C
 Air temperature: 27.4°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	<0.0654	JU		4	0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	3,550				250	µg/L	GE	EPA353.1
0	pH	4.52	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	53.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.05E-09±2.23E-09	U			8.78E-09	µCi/mL	ML	EPIA-001
0	Gross alpha	2.86E-09±2.36E-09	U			8.66E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.05E-08±2.69E-09	J	I		6.61E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.83E-08±3.28E-09				6.55E-09	µCi/mL	ML	EPIA-001
2	Tritium	1.42E-04±2.39E-06				5.10E-07	µCi/mL	ML	EPIA-002

WELL HSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 24.54 ft (7.48 m) below TOC
 Water elevation: 240.96 ft (73.45 m) msl
 pH: 6.4
 Sp. conductance: 36 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 12 gal

Time: 9:15
 Water temperature: 19.1°C
 Air temperature: 16.1°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	690				50.0	µg/L	GE	EPA353.1
0	pH	5.30	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	37.4				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.30E-10±1.83E-09	JU	L	I	8.58E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.51E-09±1.94E-09	U			6.45E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.94E-05±8.98E-07				4.60E-07	µCi/mL	ML	EPIA-002

WELL HSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 20.22 ft (6.16 m) below TOC
 Water elevation: 247.38 ft (75.4 m) msl
 pH: 5.1
 Sp. conductance: 30 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 15 gal

Time: 14:30
 Water temperature: 21.1°C
 Air temperature: 28.2°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	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,350				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,380				50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	1,350				50.0	µg/L	GE	EPA353.1
0	pH	4.65	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	30.9				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.19E-09±2.05E-09	JU	L	I	8.75E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.48E-09±2.22E-09	U			6.67E-09	µCi/mL	ML	EPIA-001
2	Tritium	5.49E-05±1.51E-06				5.12E-07	µCi/mL	ML	EPIA-002

WELL HSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 15.21 ft (4.64 m) below TOC
 Water elevation: 257.99 ft (78.64 m) msl
 pH: 5.8
 Sp. conductance: 61 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 17 gal

Time: 13:45
 Water temperature: 18.6°C
 Air temperature: 29.8°C
 Total alkalinity (as CaCO₃): 16 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	760				50.0	µg/L	GE	EPA353.1
0	pH	5.64	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.64	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	64.1				1.00	µS/cm	GE	EPA9050A
1	Gross alpha	9.90E-09±3.47E-09	J	IL	I	8.94E-09	µCi/mL	ML	EPIA-001
2	Nonvolatile beta	6.70E-08±5.86E-09				6.69E-09	µCi/mL	ML	EPIA-001
1	Tritium	1.69E-05±8.96E-07				5.19E-07	µCi/mL	ML	EPIA-002

WELL HSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
Depth to water: 14.87 ft (4.53 m) below TOC
Water elevation: 261.73 ft (79.78 m) msl
pH: 6.6
Sp. conductance: 22 µS/cm
Turbidity: 51 NTU
Water evacuated from the well prior to sampling: 18 gal

Time: 12:45
Water temperature: 26.7°C
Air temperature: 23.2°C
Total alkalinity (as CaCO₃): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): NV

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	5.43	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	21.8				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.74E-09±2.52E-09	JU	L	I	8.70E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	6.24E-09±2.30E-09	U			6.63E-09	µCi/mL	ML	EPIA-001
0	Tritium	2.60E-06±4.51E-07				4.74E-07	µCi/mL	ML	EPIA-002

WELL HSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
Depth to water: 24.15 ft (7.36 m) below TOC
Water elevation: 255.85 ft (77.98 m) msl
pH: 6.6
Sp. conductance: 65 µS/cm
Turbidity: 9 NTU
Water evacuated from the well prior to sampling: 20 gal

Time: 11:45
Water temperature: 21°C
Air temperature: 24°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	2,160				50.0	µg/L	GE	EPA353.1
0	pH	4.43	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.45	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	67.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.85E-09±2.36E-09	JU	L	I	8.66E-09	µCi/mL	ML	EPIA-001
1	Nonvolatile beta	2.66E-08±3.82E-09				6.55E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.91E-05±1.07E-06				4.59E-07	µCi/mL	ML	EPIA-002

WELL HSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
Depth to water: 27.81 ft (8.48 m) below TOC
Water elevation: 255.99 ft (78.03 m) msl
pH: 6.5
Sp. conductance: 41 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 24 gal

Time: 10:55
Water temperature: 20.1°C
Air temperature: 21.5°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	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	1,810				50.0	µg/L	GE	EPA353.1
0	pH	4.85	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	39.7				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.48E-09±2.81E-09	JU	L	I	8.76E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.86E-09±1.94E-09	U			6.64E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.83E-05±1.07E-06				4.67E-07	µCi/mL	ML	EPIA-002

WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
Depth to water: 31.41 ft (9.57 m) below TOC
Water elevation: 257.29 ft (78.42 m) msl
pH: 6.3
Sp. conductance: 62 µS/cm
Turbidity: 3 NTU
Water evacuated from the well prior to sampling: 10 gal

Time: 9:55
Water temperature: 23.6°C
Air temperature: 20°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	0.161	J	I		0.200	µg/L	GE	EPA7470A
1	Nitrate-nitrite as nitrogen	5,650				250	µg/L	GE	EPA353.1
0	pH	5.23	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	58.1				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.03E-09±2.20E-09	JU	L	I	8.66E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	6.86E-10±1.60E-09	U			6.50E-09	µCi/mL	ML	EPIA-001
2	Tritium	4.62E-05±1.34E-06				4.63E-07	µCi/mL	ML	EPIA-002
2	Tritium	4.55E-05±1.32E-06				4.60E-07	µCi/mL	ML	EPIA-002

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
Depth to water: 12 ft (3.66 m) below TOC
Water elevation: 269.8 ft (82.24 m) msl
pH: 7.5
Sp. conductance: 395 µS/cm
Turbidity: 270 NTU
No water was evacuated from the well prior to sampling.

Time: 9:00
Water temperature: 28°C
Air temperature: 30°C
Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): B

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	2.26E-09±6.01E-10				6.80E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.11E-08±1.27E-09				1.11E-09	µCi/mL	GP	EPIA-001
1	Tritium	1.43E-05±7.90E-07				6.13E-07	µCi/mL	GP	EPIA-002

WELL HTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
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: 7:10
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): B

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Gross alpha	1.06E-08±1.06E-09				6.71E-10	µCi/mL	GP	EPIA-001
1	Tritium	1.27E-05±7.68E-07				6.17E-07	µCi/mL	GP	EPIA-002

WELL HTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
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: 7:30
Water temperature: Not available
Air temperature: Not available
Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available
Field Qualifier(s): B

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Gross alpha	4.35E-08±3.00E-09				1.02E-09	µCi/mL	GP	EPIA-001

Well HTF 5 collected on 05/25/00 (cont.)

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
1	Tritium	1.49E-05±8.16E-07			6.16E-07		µCi/mL	GP	EPIA-002

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
 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: 7:50
 Water temperature: Not available
 Air temperature: Not available
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available
 Field Qualifier(s): B

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
2	Gross alpha	4.11E-07±4.67E-08			4.52E-08		µCi/mL	GP	EPIA-001
1	Tritium	1.44E-05±8.08E-07			6.20E-07		µCi/mL	GP	EPIA-002

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 54.6 ft (16.64 m) below TOC
 Water elevation: 269.4 ft (82.11 m) msl
 pH: 6.2
 Sp. conductance: 187 µS/cm
 Turbidity: 219 NTU
 No water was evacuated from the well prior to sampling.

Time: 8:00
 Water temperature: 25°C
 Air temperature: 30°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available
 Field Qualifier(s): B

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
1	Gross alpha	8.92E-09±1.42E-09			1.12E-09		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.70E-09±1.41E-09			1.99E-09		µCi/mL	GP	EPIA-001
2	Tritium	3.06E-05±1.13E-06			6.48E-07		µCi/mL	GP	EPIA-002

WELL HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 52.9 ft (16.12 m) below TOC
 Water elevation: 269.8 ft (82.24 m) msl
 pH: 6.3
 Sp. conductance: 169 µS/cm
 Turbidity: 35 NTU
 No water was evacuated from the well prior to sampling.

Time: 8:30
 Water temperature: 24°C
 Air temperature: 30°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available
 Field Qualifier(s): B

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	1.97E-09±7.59E-10	J	I	1.13E-09		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.52E-09±7.01E-10	J	I	1.33E-09		µCi/mL	GP	EPIA-001
2	Tritium	3.70E-05±1.27E-06			6.81E-07		µCi/mL	GP	EPIA-002

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 63.4 ft (19.32 m) below TOC
 Water elevation: 270.5 ft (82.45 m) msl
 pH: 5.4
 Sp. conductance: 136 µS/cm
 Turbidity: 40 NTU
 No water was evacuated from the well prior to sampling.

Time: 9:50
 Water temperature: 26°C
 Air temperature: 30°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available
 Field Qualifier(s): B

ANALYSES

Well HTF 24 collected on 06/14/00 (cont.)

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	2.42E-09±7.17E-10			7.22E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.64E-09±6.97E-10			1.12E-09		µCi/mL	GP	EPIA-001
1	Tritium	1.38E-05±8.34E-07			7.03E-07		µCi/mL	GP	EPIA-002
1	Tritium	1.43E-05±8.20E-07			6.71E-07		µCi/mL	GP	EPIA-002

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 64.2 ft (19.57 m) below TOC
 Water elevation: 270.1 ft (82.33 m) msl
 pH: 4.9
 Sp. conductance: 315 µS/cm
 Turbidity: 13 NTU
 No water was evacuated from the well prior to sampling.

Time: 9:30
 Water temperature: 28°C
 Air temperature: 30°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available
 Field Qualifier(s): B

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	1.75E-09±6.02E-10	J	I	7.49E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.38E-09±6.31E-10	J	I	1.18E-09		µCi/mL	GP	EPIA-001
2	Tritium	6.98E-05±1.69E-06			7.01E-07		µCi/mL	GP	EPIA-002

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 64.2 ft (19.57 m) below TOC
 Water elevation: 271.3 ft (82.69 m) msl
 pH: 4.4
 Sp. conductance: 431 µS/cm
 Turbidity: 280 NTU
 No water was evacuated from the well prior to sampling.

Time: 8:30
 Water temperature: 29°C
 Air temperature: 26°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available
 Field Qualifier(s): V

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
1	Gross alpha	1.44E-08±1.81E-09			6.65E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.44E-08±1.65E-09			1.16E-09		µCi/mL	GP	EPIA-001
0	Tritium	2.56E-06±4.59E-07			6.24E-07		µCi/mL	GP	EPIA-002

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 59.1 ft (18.01 m) below TOC
 Water elevation: 274 ft (83.52 m) msl
 pH: 5.2
 Sp. conductance: 113 µS/cm
 Turbidity: 15 NTU
 No water was evacuated from the well prior to sampling.

Time: 7:40
 Water temperature: 23.7°C
 Air temperature: 24°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available
 Field Qualifier(s): V

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	3.06E-09±8.28E-10			7.01E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.01E-09±7.58E-10			1.22E-09		µCi/mL	GP	EPIA-001
0	Tritium	8.42E-06±6.28E-07			6.17E-07		µCi/mL	GP	EPIA-002

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 61 ft (18.59 m) below TOC
 Water elevation: 272.7 ft (83.12 m) msl
 pH: 5.7
 Sp. conductance: 178 µS/cm
 Turbidity: 32 NTU
 No water was evacuated from the well prior to sampling.

Time: 8:00
 Water temperature: 23.2°C
 Air temperature: 25°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
0	Gross alpha	1.44E-09±5.93E-10	J	I	6.11E-10	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	1.02E-09±6.11E-10	U		1.21E-09	µCi/mL	GP	EPIA-001	
0	Tritium	3.41E-06±4.67E-07			5.89E-07	µCi/mL	GP	EPIA-002	

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 61.6 ft (18.78 m) below TOC
 Water elevation: 271.9 ft (82.88 m) msl
 pH: 4.6
 Sp. conductance: 50 µS/cm
 Turbidity: 69 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:10
 Water temperature: 25°C
 Air temperature: 31°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available
 Field Qualifier(s): B

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	4.84E-09±1.18E-09			9.79E-10	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	4.67E-09±8.42E-10			1.15E-09	µCi/mL	GP	EPIA-001	
1	Tritium	1.37E-05±8.30E-07			7.03E-07	µCi/mL	GP	EPIA-002	

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 55.2 ft (16.83 m) below TOC
 Water elevation: 272.5 ft (83.06 m) msl
 pH: 6.5
 Sp. conductance: 22 µS/cm
 Turbidity: 14 NTU
 No water was evacuated from the well prior to sampling.

Time: 7:20
 Water temperature: 21.5°C
 Air temperature: 24°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
0	Gross alpha	1.41E-09±5.98E-10	J	I	6.11E-10	µCi/mL	GP	EPIA-001	
0	Gross alpha	1.32E-09±6.10E-10	J	I	7.10E-10	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	5.28E-10±5.95E-10	U		1.27E-09	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	7.88E-10±6.14E-10	U		1.26E-09	µCi/mL	GP	EPIA-001	
0	Tritium	8.39E-06±6.14E-07			5.98E-07	µCi/mL	GP	EPIA-002	

WELL KCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
 Depth to water: 63.48 ft (19.35 m) below TOC
 Water elevation: 196.92 ft (60.02 m) msl
 pH: 4.8
 Sp. conductance: 31 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 26 gal

Time: 10:33
 Water temperature: 23°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	780			50.0	µg/L	GE	EPA6010B	
0	Beryllium, total recoverable	<5.00	U		5.00	µg/L	GE	EPA6010B	
0	Bis(2-ethylhexyl) phthalate	1.26		Y	0.962	µg/L	GE	EPA8270C	

ESH-EMS-2000406

Well KCB 1 collected on 05/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chromium, hexavalent	4.90	J	IQY	10.0	µg/L	GE	EPA7196A	
0	Chromium, total recoverable	47.3			5.00	µg/L	GE	EPA6010B	
2	Iron, total recoverable	2,740			50.0	µg/L	GE	EPA6010B	
0	pH	5.47	J	Q	0.100	pH	GE	EPA9040B	
0	Gross alpha	1.02E-09±6.19E-10	J	I	7.59E-10	µCi/mL	GP	EPIA-001	
0	Gross alpha	5.52E-10±4.86E-10	U		7.86E-10	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	1.36E-09±7.69E-10	U		1.50E-09	µCi/mL	GP	EPIA-001	
0	Radium-226	9.60E-10±6.62E-10	J	I	8.10E-10	µCi/mL	GP	EPIA-008	
0	Radium-228	3.75E-10±5.93E-10	U		1.16E-09	µCi/mL	GP	EPIA-009	
0	Uranium-233/234	3.33E-11±5.22E-11	U		1.01E-10	µCi/mL	GP	EPIA-011	
0	Uranium-235	-3.52E-12±7.05E-12	U		7.73E-11	µCi/mL	GP	EPIA-011	
0	Uranium-238	4.03E-11±5.13E-11	U		7.71E-11	µCi/mL	GP	EPIA-011	

WELL KCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
 Depth to water: 63.56 ft (19.37 m) below TOC
 Water elevation: 196.84 ft (60 m) msl
 pH: 5.4
 Sp. conductance: 30 µS/cm
 Turbidity: 13 NTU
 Water evacuated from the well prior to sampling: 66 gal

Time: 9:23
 Water temperature: 22°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
0	Chromium, hexavalent	17.0			10.0	µg/L	GE	EPA7196A	
0	Chromium, hexavalent	16.0			10.0	µg/L	GE	EPA7196A	

WELL KCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 56 ft (17.07 m) below TOC
 Water elevation: 191.9 ft (58.49 m) msl
 pH: 3.9
 Sp. conductance: 106 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 27 gal

Time: 7:31
 Water temperature: 22.3°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	1,230			50.0	µg/L	GE	EPA6010B	
0	Beryllium, total recoverable	<5.00	U		5.00	µg/L	GE	EPA6010B	
1	Bis(2-ethylhexyl) phthalate	4.98			1.00	µg/L	GE	EPA8270C	
0	Chromium, hexavalent	4.00	J	IL	10.0	µg/L	GE	EPA7196A	
0	Chromium, hexavalent	3.00	J	IL	10.0	µg/L	GE	EPA7196A	
0	Chromium, total recoverable	<1.32	JU	I	5.00	µg/L	GE	EPA6010B	
2	Iron, total recoverable	851			50.0	µg/L	GE	EPA6010B	
0	pH	4.45	J	Q	0.100	pH	GE	EPA9040B	
0	Gross alpha	4.11E-09±1.21E-09	J	I	8.47E-10	µCi/mL	GP	EPIA-001	
0	Radium-226	9.07E-10±6.65E-10	J	I	8.43E-10	µCi/mL	GP	EPIA-008	
0	Radium-228	1.73E-09±5.31E-10	J	I	9.01E-10	µCi/mL	GP	EPIA-009	
0	Uranium-233/234	2.45E-10±1.35E-10	J	I	1.05E-10	µCi/mL	GP	EPIA-011	
0	Uranium-235	0.00E+00±2.00E-09	U		5.07E-11	µCi/mL	GP	EPIA-011	
0	Uranium-238	2.53E-10±1.34E-10	J	I	5.05E-11	µCi/mL	GP	EPIA-011	

WELL KCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 54.77 ft (16.69 m) below TOC
 Water elevation: 194.13 ft (59.17 m) msl
 pH: 3.6
 Sp. conductance: 30 µS/cm
 Turbidity: 1 NTU

Time: 7:06
 Water temperature: 22.1°C
 Air temperature: 18.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SX

ANALYSES

B-174

Second Quarter 2000

Well KCB 5 collected on 05/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	4,820				50.0	µg/L	GE	EPA6010B
2	Aluminum, total recoverable	6,680	J	K	I	146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Beryllium, total recoverable	0.936	J	I		5.00	µg/L	GE	EPA6010B
0	Bis(2-ethylhexyl) phthalate	<1.05	U			1.05	µg/L	GE	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Chromium, hexavalent	3.00	J	IL	I	10.0	µg/L	GE	EPA7196A
0	Chromium, total recoverable	<1.33	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	64.1	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
2	Manganese, total recoverable	1,520				7.80	µg/L	WA	EPA6010B
0	pH	4.05	J	Q		0.100	pH	GE	EPA9040B
0	Total organic carbon	758	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	14.9	J	I		120	µg/L	WA	EPA9020B
0	Gross alpha	5.08E-09±1.73E-09				1.42E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.88E-10±5.36E-10	J	I		5.82E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.13E-09±7.52E-10	J	I		1.31E-09	µCi/mL	GP	EPIA-009
0	Uranium-233/234	2.76E-11±4.88E-11	U			1.02E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-3.26E-12±6.53E-12	U			7.17E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	7.15E-11±6.79E-11	U			9.41E-11	µCi/mL	GP	EPIA-011

WELL KCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 54.06 ft (16.48 m) below TOC
 Water elevation: 194.44 ft (59.27 m) msl
 pH: 4.2
 Sp. conductance: 48 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	175				50.0	µg/L	GE	EPA6010B
2	Aluminum, total recoverable	150	J	K	I	146	µg/L	WA	EPA6010B
2	Aluminum, total recoverable	61.1	J	IK	I	146	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
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	Bis(2-ethylhexyl) phthalate	<0.962	U			0.962	µg/L	GE	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<16.1	JU	Q	6	10.1	µg/L	WA	EPA8270C
0	Bis(2-ethylhexyl) phthalate	<20.2	JU	Q	6	20.0	µg/L	WA	EPA8270C
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Chromium, hexavalent	<10.0	JU	LQ	I	10.0	µg/L	GE	EPA7196A
0	Chromium, total recoverable	2.13	J	I		5.00	µg/L	GE	EPA6010B
0	Chromium, total recoverable	3.40	J	I		7.00	µg/L	WA	EPA6010B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Iron, total recoverable	14.0	J	I		74.0	µg/L	WA	EPA6010B
0	Iron, total recoverable	16.9	J	I		74.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	0.450	J	I		2.70	µg/L	WA	EPA6010B
0	Manganese, total recoverable	20.6				7.80	µg/L	WA	EPA6010B
0	pH	4.85	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.11	J	Q		0.100	pH	WA	EPA9040B
0	Total organic carbon	480	J	I		1,000	µg/L	WA	EPA9060
0	Total organic halogens	27.3	J	I		120	µg/L	WA	EPA9020B
0	Gross alpha	2.96E-09±1.07E-09	J	I		1.06E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	3.15E-09±1.09E-09	J	I		1.19E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	2.85E-09±1.04E-09	J	I		1.16E-09	µCi/mL	TM	EPA900.0M
0	Radium-226	9.10E-10±5.38E-10	J	I		2.24E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.11E-10±5.82E-10	U			1.10E-09	µCi/mL	GP	EPIA-009
0	Radium-228	3.40E-10±1.92E-09	U			3.40E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	-3.40E-10±2.05E-09	U			3.71E-09	µCi/mL	TM	EPA904.0M
0	Uranium-233/234	-3.86E-12±7.74E-12	U			8.49E-11	µCi/mL	GP	EPIA-011
0	Uranium-233/234	1.14E-11±3.10E-11	U			7.94E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	1.23E-11±3.32E-11	U			8.52E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	-7.24E-12±1.03E-11	U			9.39E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	0.00E+00±2.00E-09	U			4.83E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	-3.61E-12±7.24E-12	U			7.94E-11	µCi/mL	GP	EPIA-011

WELL KCB 6 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 54.06 ft (16.48 m) below TOC
 Water elevation: 194.44 ft (59.27 m) msl
 pH: 4.2
 Sp. conductance: 48 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	56.1				50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-ethylhexyl) phthalate	<0.962	U			0.962	µg/L	GE	EPA8270C
0	Chromium, hexavalent	<10.0	U			10.0	µg/L	GE	EPA7196A
0	Chromium, hexavalent	<10.0	U			10.0	µg/L	GE	EPA7196A
0	Chromium, total recoverable	<2.52	JU	I	4	5.00	µg/L	GE	EPA6010B
0	Iron, total recoverable	30.3	J	I		50.0	µg/L	GE	EPA6010B
0	pH	5.20	J	Q		0.100	pH	GE	EPA9040B
0	Gross alpha	2.89E-09±1.04E-09	J	I		1.09E-09	µCi/mL	GP	EPIA-001
0	Radium-226	8.53E-10±5.80E-10	J	I		6.30E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.45E-10±4.90E-10	U			9.61E-10	µCi/mL	GP	EPIA-009
0	Uranium-233/234	-1.11E-11±1.28E-11	U			1.07E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	2.71E-11±4.43E-11	U			8.13E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.34E-11±4.48E-11	U			9.56E-11	µCi/mL	GP	EPIA-011

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 69.72 ft (21.25 m) below TOC
 Water elevation: 203.38 ft (61.99 m) msl
 pH: 5.4
 Sp. conductance: 152 µS/cm
 Turbidity: 33 NTU
 Water evacuated from the well prior to sampling: 1 gal

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	1.17E-04±2.36E-06				5.30E-07	µCi/mL	TM	EPA906.0M
2	Tritium	1.23E-04±2.45E-06				5.50E-07	µCi/mL	TM	EPA906.0M

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
 Depth to water: 69.84 ft (21.29 m) below TOC
 Water elevation: 203.26 ft (61.95 m) msl
 pH: 5.7
 Sp. conductance: 170 µS/cm
 Turbidity: 15 NTU
 Water evacuated from the well prior to sampling: 1 gal

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	2.28E-03±1.10E-04	J	K	C	5.85E-05	µCi/mL	TM	EPA906.0M

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
 Depth to water: 70.2 ft (21.4 m) below TOC
 Water elevation: 202.9 ft (61.84 m) msl
 pH: 4.6
 Sp. conductance: 164 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 27 gal

Time: 12:27
 Water temperature: 26.8°C
 Air temperature: 36.4°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 31 mg/L
 Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	2.30E-03±1.44E-04				1.07E-04	µCi/mL	TM	EPA906.0M

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 71.61 ft (21.83 m) below TOC
 Water elevation: 201.89 ft (61.54 m) msl
 pH: 4.5
 Sp. conductance: 37 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 39 gal

Time: 8:40
 Water temperature: 21.7°C
 Air temperature: 11°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	3.53E-04±3.97E-06				5.00E-07	µCi/mL	TM	EPA906.0M

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
 Depth to water: 71.73 ft (21.86 m) below TOC
 Water elevation: 201.77 ft (61.5 m) msl
 pH: 5.2
 Sp. conductance: 39 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 53 gal

Time: 10:52
 Water temperature: 24.6°C
 Air temperature: 36.1°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
2	Tritium	3.54E-05±5.11E-06	J	K	C	5.58E-06	µCi/mL	TM	EPA906.0M

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
 Depth to water: 74.08 ft (22.58 m) below TOC
 Water elevation: 199.42 ft (60.78 m) msl
 pH: 5.2
 Sp. conductance: 37 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 49 gal

Time: 11:13
 Water temperature: 24.3°C
 Air temperature: 35.5°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 1 mg/L
 Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	3.03E-04±5.01E-06				1.16E-06	µCi/mL	TM	EPA906.0M

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 70.59 ft (21.52 m) below TOC
 Water elevation: 202.81 ft (61.82 m) msl
 pH: 5.5
 Sp. conductance: 200 µS/cm
 Turbidity: 30 NTU
 Water evacuated from the well prior to sampling: 2 gal

Time: 8:50
 Water temperature: 21.2°C
 Air temperature: 27.1°C
 Total alkalinity (as CaCO₃): 48 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Tritium	1.43E-05±8.80E-07				5.40E-07	µCi/mL	TM	EPA906.0M

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
 Depth to water: 70.75 ft (21.56 m) below TOC
 Water elevation: 202.65 ft (61.77 m) msl
 pH: 6
 Sp. conductance: 184 µS/cm
 Turbidity: 17 NTU
 Water evacuated from the well prior to sampling: 2 gal

Time: 11:10
 Water temperature: 25.6°C
 Air temperature: 37.5°C
 Total alkalinity (as CaCO₃): 54 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Tritium	2.00E-05±1.06E-06	J	K	C	6.20E-07	µCi/mL	TM	EPA906.0M
2	Tritium	2.00E-05±1.10E-06	J	K	C	6.60E-07	µCi/mL	TM	EPA906.0M

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
 Depth to water: 71.11 ft (21.67 m) below TOC
 Water elevation: 202.29 ft (61.66 m) msl
 pH: 6
 Sp. conductance: 158 µS/cm
 Turbidity: 8 NTU
 Water evacuated from the well prior to sampling: 34 gal

Time: 10:10
 Water temperature: 25.5°C
 Air temperature: 35.5°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 35 mg/L
 Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	2.11E-05±1.42E-06				1.11E-06	µCi/mL	TM	EPA906.0M

WELL KDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.4
 Sp. conductance: 58 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 9:05
 Water temperature: 20.9°C
 Air temperature: 23.3°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	1.13E-03±8.30E-06				6.90E-07	µCi/mL	TM	EPA906.0M

WELL KDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
Depth to water: Not available
Water elevation: Not available
pH: 6.5
Sp. conductance: 64 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 12:08
Water temperature: 24.7°C
Air temperature: 36.3°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
2	Tritium	1.14E-03±7.91E-05	J	K	C	5.64E-05	µCi/mL	TM	EPA906.0M

WELL KDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
Depth to water: Not available
Water elevation: Not available
pH: 6.6
Sp. conductance: 74 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 12:47
Water temperature: 24.5°C
Air temperature: 36.3°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
2	Tritium	3.43E-04±9.64E-06				3.69E-06	µCi/mL	TM	EPA906.0M

WELL KDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
Depth to water: 69.37 ft (21.14 m) below TOC
Water elevation: 200.73 ft (61.18 m) msl
pH: 4.5
Sp. conductance: 21 µS/cm
Turbidity: 54 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 13:40
Water temperature: 23.1°C
Air temperature: 22.2°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
2	Tritium	8.55E-05±2.06E-06				5.20E-07	µCi/mL	TM	EPA906.0M
2	Tritium	8.09E-05±1.95E-06				4.90E-07	µCi/mL	TM	EPA906.0M

WELL KDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
Depth to water: 69.46 ft (21.17 m) below TOC
Water elevation: 200.64 ft (61.16 m) msl
pH: 5.6
Sp. conductance: 19 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 13:15
Water temperature: 26.6°C
Air temperature: 37.1°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
2	Tritium	4.42E-04±1.93E-05	J	K	C	9.44E-06	µCi/mL	TM	EPA906.0M

WELL KDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
Depth to water: 69.76 ft (21.26 m) below TOC
Water elevation: 200.34 ft (61.06 m) msl
pH: 6.1
Sp. conductance: 19 µS/cm
Turbidity: 13 NTU

Time: 12:30
Water temperature: 26.5°C
Air temperature: 33.9°C
Total alkalinity (as CaCO₃): 0 mg/L
Phenolphthalein alkalinity: 1 mg/L
Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	2.87E-04±4.68E-06				1.07E-06	µCi/mL	TM	EPA906.0M
2	Tritium	3.04E-04±4.98E-06				1.15E-06	µCi/mL	TM	EPA906.0M

WELL LAW 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
Depth to water: 19.29 ft (5.88 m) below TOC
Water elevation: 204.71 ft (62.4 m) msl
pH: 4.4
Sp. conductance: 44 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 51 gal

Time: 12:25
Water temperature: 20.7°C
Air temperature: 18.5°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	Tritium	2.92E-03±8.85E-05				2.80E-05	µCi/mL	TM	EPA906.0M
2	Tritium	3.29E-03±9.54E-05				2.90E-05	µCi/mL	TM	EPA906.0M

WELL LAW 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
Depth to water: 19.92 ft (6.07 m) below TOC
Water elevation: 204.08 ft (62.2 m) msl
pH: 4.7
Sp. conductance: 44 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 63 gal

Time: 14:33
Water temperature: 23°C
Air temperature: 37.2°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	Tritium	3.92E-03±2.09E-04				1.43E-04	µCi/mL	TM	EPA906.0M
2	Tritium	2.54E-03±1.49E-04				1.08E-04	µCi/mL	TM	EPA906.0M

WELL LAW 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
Depth to water: 20.25 ft (6.17 m) below TOC
Water elevation: 203.75 ft (62.1 m) msl
pH: 6.3
Sp. conductance: 43 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 89 gal

Time: 11:23
Water temperature: 22.1°C
Air temperature: 31.5°C
Total alkalinity (as CaCO₃): 0 mg/L
Phenolphthalein alkalinity: 1 mg/L
Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	3.22E-03±1.70E-04				1.18E-04	µCi/mL	TM	EPA906.0M
2	Tritium	3.73E-03±1.70E-04				1.06E-04	µCi/mL	TM	EPA906.0M

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 39.01 ft (11.89 m) below TOC
 Water elevation: 212.89 ft (64.89 m) msl
 pH: 4.5
 Sp. conductance: 48 µS/cm
 Turbidity: 25 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:35
 Water temperature: 22°C
 Air temperature: 23.7°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	Tritium	6.56E-06±6.20E-07				5.20E-07	µCi/mL	TM	EPA906.0M
0	Tritium	7.49E-06±6.70E-07				5.40E-07	µCi/mL	TM	EPA906.0M

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
 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
0	Tritium	7.20E-06±7.40E-07				7.00E-07	µCi/mL	TM	EPA906.0M
0	Tritium	7.14E-06±8.10E-07				8.00E-07	µCi/mL	TM	EPA906.0M

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
 Depth to water: 39.91 ft (12.16 m) below TOC
 Water elevation: 211.99 ft (64.62 m) msl
 pH: 4.8
 Sp. conductance: 48 µS/cm
 Turbidity: 17 NTU
 Water evacuated from the well prior to sampling: 5 gal

Time: 17:04
 Water temperature: 27.7°C
 Air temperature: 35.5°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	Tritium	5.24E-06±8.70E-07				1.11E-06	µCi/mL	TM	EPA906.0M
0	Tritium	5.45E-06±8.70E-07				1.09E-06	µCi/mL	TM	EPA906.0M

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 38.34 ft (11.69 m) below TOC
 Water elevation: 214.56 ft (65.4 m) msl
 pH: 5
 Sp. conductance: 91 µS/cm
 Turbidity: 79 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:30
 Water temperature: 20.8°C
 Air temperature: 19.5°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	Tritium	3.28E-06±5.00E-07				5.40E-07	µCi/mL	TM	EPA906.0M

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
 Depth to water: 38.98 ft (11.88 m) below TOC
 Water elevation: 213.92 ft (65.2 m) msl
 pH: 4.9
 Sp. conductance: 82 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 44 gal

Time: 16:00
 Water temperature: 26°C
 Air temperature: 36.3°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	Tritium	3.59E-06±5.90E-07				7.00E-07	µCi/mL	TM	EPA906.0M

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
 Depth to water: 39.11 ft (11.92 m) below TOC
 Water elevation: 213.79 ft (65.16 m) msl
 pH: 5
 Sp. conductance: 82 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 42 gal

Time: 14:33
 Water temperature: 26.2°C
 Air temperature: 33.6°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	Tritium	7.86E-04±1.01E-05				2.03E-06	µCi/mL	TM	EPA906.0M

WELL LDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 39.8 ft (12.13 m) below TOC
 Water elevation: 213.3 ft (65.01 m) msl
 pH: 6.5
 Sp. conductance: 232 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 42 gal

Time: 10:22
 Water temperature: 22.2°C
 Air temperature: 20.3°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
2	Tritium	5.01E-04±5.07E-06				5.80E-07	µCi/mL	TM	EPA906.0M

WELL LDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
 Depth to water: 39.92 ft (12.17 m) below TOC
 Water elevation: 213.18 ft (64.98 m) msl
 pH: 6.4
 Sp. conductance: 212 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 34 gal

Time: 17:00
 Water temperature: 25°C
 Air temperature: 37.5°C
 Total alkalinity (as CaCO₃): 88 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	1.66E-04±2.25E-06				3.80E-07	µCi/mL	TM	EPA906.0M

WELL LDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
 Depth to water: 40.67 ft (12.4 m) below TOC
 Water elevation: 212.43 ft (64.75 m) msl
 pH: 6.5
 Sp. conductance: 242 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 54 gal

Time: 15:54
 Water temperature: 25°C
 Air temperature: 36.7°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 87 mg/L
 Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	3.72E-06±8.20E-07				1.13E-06	µCi/mL	TM	EPA906.0M

WELL LDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 Depth to water: 38.18 ft (11.64 m) below TOC
 Water elevation: 211.42 ft (64.44 m) msl
 pH: 5.1
 Sp. conductance: 47 µS/cm
 Turbidity: 96 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 10:45
 Water temperature: 21.3°C
 Air temperature: 21.2°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	Tritium	3.03E-06±4.90E-07				5.50E-07	µCi/mL	TM	EPA906.0M

WELL LDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/19/00
 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
0	Tritium	2.83E-06±5.20E-07				6.30E-07	µCi/mL	TM	EPA906.0M

WELL LDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
 Depth to water: 39.31 ft (11.98 m) below TOC
 Water elevation: 210.29 ft (64.1 m) msl
 pH: 4.8
 Sp. conductance: 45 µS/cm
 Turbidity: 20 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 16:29
 Water temperature: 25.1°C
 Air temperature: 36.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 10 mg/L
 Field Qualifier(s): SX

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Tritium	3.15E-05±1.69E-06				1.19E-06	µCi/mL	TM	EPA906.0M

WELL LFW 6R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 18.9 ft (5.76 m) below TOC
 Water elevation: 151.3 ft (46.12 m) msl
 pH: 5
 Sp. conductance: 38 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 35 gal

Time: 8:53
 Water temperature: 19.9°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
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	45.0				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<6.27	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	13.6	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,320				120	µg/L	ML	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
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	<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	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	1,2-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	9.60				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	2.40	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
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	<2.50	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	25.1	J	IK	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,560				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	7.52	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	0.386				0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

Well LFW 6R collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	503	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,850				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	1.60	J	I		5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	1.10	J	I		5.00	µg/L	EX	EPA8260B
2	Trichlorofluoromethane	30.0				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Gross alpha	7.41E-09±1.11E-09				5.28E-10	µCi/mL	GP	EPIA-001
0	Tritium	1.32E-06±4.19E-07	J	I		6.27E-07	µCi/mL	GP	EPIA-002

WELL LFW 8R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: 22.77 ft (6.94 m) below TOC
 Water elevation: 147.83 ft (45.06 m) msl
 pH: 7.4
 Sp. conductance: 23 µS/cm
 Turbidity: 13 NTU
 Water evacuated from the well prior to sampling: 4 gal

Time: 13:43
 Water temperature: 26.1°C
 Air temperature: 40.1°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
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	<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	14.1	J	I		20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	9.25	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2,210				120	µg/L	ML	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	3.00	J	I		5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	18.0				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	<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	29.7	J	I		60.0	µg/L	ML	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	1,2-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	7.10				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	2.70	J	I		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 8R collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	4.60	J	I		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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	64,100				40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
1	Lead, total recoverable	39.8				20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,520				185	µg/L	ML	EPA6010B
2	Manganese, total recoverable	69.6				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	854	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	2,250				675	µg/L	ML	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	Thallium, total recoverable	<4.28	JU	I	4	20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	174				30.0	µg/L	ML	EPA6010B
1	Gross alpha	1.34E-08±1.91E-09				7.88E-10	µCi/mL	GP	EPIA-001
0	Tritium	1.28E-06±4.71E-07	J	I		7.24E-07	µCi/mL	GP	EPIA-002
0	Tritium	8.74E-07±4.62E-07	J	I		7.39E-07	µCi/mL	GP	EPIA-002

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 31.45 ft (9.59 m) below TOC
 Water elevation: 150.15 ft (45.77 m) msl
 pH: 7.5
 Sp. conductance: 275 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 18 gal

Time: 14:48
 Water temperature: 24.4°C
 Air temperature: 38.5°C
 Total alkalinity (as CaCO₃): 108 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	<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
1	Benzene	4.30	J	I		5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B

B-180

Second Quarter 2000

Well LFW 10A collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	4,330	U			120	µg/L	ML	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	2.30	U	I		5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	22.0	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	<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	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	1,2-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	34.0	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
2	1,1-Dichloroethane	71.0	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	3.70	U	I		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	39,500	U	K	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	7,360	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	11.8	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	18,500	U			675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Toluene	3.50	U	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
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	5.70	U	I		10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	7.14	U	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	1.31E-09±6.21E-10	J			8.62E-10	µCi/mL	GP	EPIA-001
2	Tritium	7.19E-05±1.65E-06	J			6.29E-07	µCi/mL	GP	EPIA-002

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 31.4 ft (9.57 m) below TOC
 Water elevation: 152.5 ft (46.48 m) msl
 pH: 7.6
 Sp. conductance: 134 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 35 gal

Time: 15:46
 Water temperature: 21.8°C
 Air temperature: 40.3°C
 Total alkalinity (as CaCO₃): 37 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	<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	12.8	J	I		20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	10.9	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2,310	U			120	µg/L	ML	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	1.20	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	<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	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	1,2-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	4.70	J	I		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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	19,100	J	K	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	2,680	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	12.8	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

Well LFW 18 collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	1,260	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	6,610				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
2	Gross alpha	1.71E-08±1.79E-09				6.08E-10	µCi/mL	GP	EPIA-001
0	Tritium	3.62E-06±5.10E-07				6.29E-07	µCi/mL	GP	EPIA-002

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 36.66 ft (11.17 m) below TOC
 Water elevation: 148.44 ft (45.25 m) msl
 pH: 7.2
 Sp. conductance: 198 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 17 gal

Time: 13:53
 Water temperature: 24.4°C
 Air temperature: 39.5°C
 Total alkalinity (as CaCO₃): 94 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	<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	<7.20	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	4.20	J	I		15.0	µg/L	ML	EPA6010B
1	Benzene	3.80	J	I		5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	9,630				120	µg/L	ML	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)	85.0				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	<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	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	1,2-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	22.0				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	37.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 21 collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	22.0				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	19,000	J	K	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	4,590				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	5.86	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	489	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	10,700				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Toluene	9.10				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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	49.0				10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	6.61	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	3.39E-09±8.91E-10				8.99E-10	µCi/mL	GP	EPIA-001
0	Tritium	6.54E-06±5.98E-07				6.19E-07	µCi/mL	GP	EPIA-002

WELL LFW 23R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 22.29 ft (6.79 m) below TOC
 Water elevation: 148.01 ft (45.11 m) msl
 pH: 5
 Sp. conductance: 29 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 31 gal

Time: 12:42
 Water temperature: 20.9°C
 Air temperature: 38.9°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	53.3				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<4.41	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	8.26	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

B-182

Second Quarter 2000

Well LFW 23R collected on 06/14/00 (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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	608				120	µg/L	ML	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	<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	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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	13.5	J	IK	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	895				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,710				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	10.3	J	I		30.0	µg/L	ML	EPA6010B
2	Gross alpha	1.64E-08±1.63E-09				5.24E-10	µCi/mL	GP	EPIA-001
0	Tritium	1.29E-06±4.16E-07	J	I		6.23E-07	µCi/mL	GP	EPIA-002

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
Depth to water: 79.55 ft (24.25 m) below TOC
Water elevation: 149.75 ft (45.64 m) msl
pH: 6.7
Sp. conductance: 32 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 18 gal

Time: 14:10
Water temperature: 22.2°C
Air temperature: 32.2°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	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	77.9				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<6.11	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	6.88	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,140				120	µg/L	ML	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	<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	123				60.0	µg/L	ML	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	1,2-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	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	<1.60	U		8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	1,230				40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
1	Lead, total recoverable	27.4				20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	970				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	10.4				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

Well LFW 31 collected on 06/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	853	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,910				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	13.0				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	53.7				30.0	µg/L	ML	EPA6010B
0	Gross alpha	6.61E-09±1.20E-09				5.44E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	5.93E-09±1.12E-09				5.38E-10	µCi/mL	GP	EPIA-001
0	Tritium	7.29E-07±4.08E-07	J	I		6.57E-07	µCi/mL	GP	EPIA-002

WELL LFW 36R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: 23.65 ft (7.21 m) below TOC
 Water elevation: 142.55 ft (43.45 m) msl
 pH: 7.3
 Sp. conductance: 172 µS/cm
 Turbidity: 2 NTU
 No water was evacuated from the well prior to sampling.

Time: 11:16
 Water temperature: 22.2°C
 Air temperature: 36.3°C
 Total alkalinity (as CaCO₃): 53 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	<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	Benzene	1.10	J	I		5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	3,640				120	µg/L	ML	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	13.0				5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	27.0				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	<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	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	1,2-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	25.0				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
1	1,1-Dichloroethane	14.0				5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 36R collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	22,000				40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	3,860				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	15.8				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	980	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	11,000				675	µg/L	ML	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	Thallium, total recoverable	<5.69	JU	I	4	20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Gross alpha	6.68E-09±1.29E-09				6.96E-10	µCi/mL	GP	EPIA-001
0	Tritium	2.59E-06±4.91E-07				6.71E-07	µCi/mL	GP	EPIA-002

WELL LFW 41R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 28.63 ft (8.73 m) below TOC
 Water elevation: 141.07 ft (43 m) msl
 pH: 5
 Sp. conductance: 27 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 8 gal

Time: 11:22
 Water temperature: 21.2°C
 Air temperature: 37.6°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	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	20.6	J	I		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	4.28	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B

B-184

Second Quarter 2000

Well LFW 41R collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	591	U			120	µg/L	ML	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	<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	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	1,2-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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	8.90	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	3.90	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	<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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	17.2	J	IK	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	664	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	375	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	2,450	U			675	µg/L	ML	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	Thallium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	1.00	J	I		5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	1.00	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	9.70	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
1	Gross alpha	7.59E-09±1.12E-09				5.54E-10	µCi/mL	GP	EPIA-001
1	Gross alpha	9.17E-09±1.22E-09				4.51E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.32E-09±9.53E-10				1.07E-09	µCi/mL	GP	EPIA-001

ESH-EMS-2000406

Well LFW 41R collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	1.11E-06±4.10E-07	J	I		6.28E-07	µCi/mL	GP	EPIA-002

WELL LFW 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: 40.11 ft (12.23 m) below TOC
 Water elevation: 162.89 ft (49.65 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: 9:28
 Water temperature: Not available
 Air temperature: 27.6°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 1 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	20.2	J	I		40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<5.67	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<4.09	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	3.26	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	789	U			120	µg/L	ML	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	<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	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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	27.9	J	IK	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	274	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	2.93	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A

B-185

Second Quarter 2000

Well LFW 43B collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,130	U			675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Gross alpha	4.89E-09±9.64E-10				6.45E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	5.55E-09±9.65E-10				6.45E-10	µCi/mL	GP	EPIA-001
0	Tritium	8.33E-07±3.89E-07	J	I		6.12E-07	µCi/mL	GP	EPIA-002
0	Tritium	1.21E-06±4.15E-07	J	I		6.28E-07	µCi/mL	GP	EPIA-002

WELL LFW 43C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: 39.62 ft (12.08 m) below TOC
 Water elevation: 162.98 ft (49.68 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: 15:22
 Water temperature: Not available
 Air temperature: 37.4°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 1 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	<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	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	677	U			120	µg/L	ML	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	<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	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

ESH-EMS-2000406

Well LFW 43C collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	403	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.48	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	791	U			675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<11.7	U	V		30.0	µg/L	ML	EPA6010B
0	Gross alpha	4.01E-09±9.47E-10				7.99E-10	µCi/mL	GP	EPIA-001
0	Tritium	1.16E-06±4.21E-07	J	I		6.47E-07	µCi/mL	GP	EPIA-002

B-186

Second Quarter 2000

WELL LFW 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: 39.71 ft (12.1 m) below TOC
 Water elevation: 163.19 ft (49.74 m) msl
 pH: 5.2
 Sp. conductance: 10 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 160 gal

Time: 10:41
 Water temperature: 19°C
 Air temperature: 30.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 3 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	11.5	J	I		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	5.45	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	365				120	µg/L	ML	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	<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	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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	20.7	J	IK	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	322				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.49	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 43D collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	508	J	I		675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Gross alpha	3.51E-09±7.77E-10				5.32E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	3.37E-09±7.43E-10				4.87E-10	µCi/mL	GP	EPIA-001
0	Tritium	1.30E-06±4.19E-07	J	I		6.28E-07	µCi/mL	GP	EPIA-002

WELL LFW 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 16 ft (4.88 m) below TOC
 Water elevation: 150.3 ft (45.81 m) msl
 pH: 5.7
 Sp. conductance: 45 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 41 gal

Time: 9:31
 Water temperature: 21.7°C
 Air temperature: 29.2°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

Well LFW 45D collected on 06/19/00 (cont.)

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
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
0	Aluminum, total recoverable	<80.4	U		6	200	µg/L	EX	EPA6010B
0	Aluminum, total recoverable	<59.3	U		6	40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	24.3				10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	19.5				15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	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	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2,160				120	µg/L	ML	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	<5.00	U			5.00	µg/L	WA	EPA8260B

B-187

Second Quarter 2000

Well LFW 45D collected on 06/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	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	<10.0	U			10.0	µg/L	EX	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	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	1,2-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	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	EX	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	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	EX	EPA8260B
0	trans-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	<5.99	U	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.0	U			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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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
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
0	Iron, total recoverable	<66.2	U		6	200	µg/L	EX	EPA6010B
0	Iron, total recoverable	<112	U		6	40.0	µg/L	ML	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	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,260	U			185	µg/L	ML	EPA6010B
2	Manganese, total recoverable	227	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	0.793	U			0.500	µg/L	EX	EPA7470A
0	Mercury, total recoverable	0.724	U			0.500	µg/L	EX	EPA7470A
0	Mercury, total recoverable	0.969	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B

ESH-EMS-2000406

Well LFW 45D collected on 06/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	1,210	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<3.85	JU	I	4	20.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	2,210	U			675	µg/L	ML	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	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Thallium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
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
1	Trichlorofluoromethane	13.4	U			5.00	µg/L	WA	EPA8260B
1	Trichlorofluoromethane	17.0	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	EX	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
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	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<20.4	U		6	30.0	µg/L	ML	EPA6010B
1	Gross alpha	8.96E-09±1.73E-09	U			1.03E-09	µCi/mL	GP	EPIA-001
1	Gross alpha	8.49E-09±1.09E-09	U			6.90E-10	µCi/mL	TM	EPA900.0M
1	Gross alpha	9.89E-09±1.15E-09	U			6.90E-10	µCi/mL	TM	EPA900.0M
0	Tritium	1.21E-06±4.28E-07	J	I		6.57E-07	µCi/mL	GP	EPIA-002
0	Tritium	1.35E-06±6.60E-07	J	I		1.02E-06	µCi/mL	TM	EPA906.0M
0	Tritium	1.26E-06±6.30E-07	J	I		9.80E-07	µCi/mL	TM	EPA906.0M

WELL LFW 45D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
Depth to water: 16 ft (4.88 m) below TOC
Water elevation: 150.3 ft (45.81 m) msl
pH: 5.7
Sp. conductance: 45 µS/cm
Turbidity: 2 NTU
Water evacuated from the well prior to sampling: 41 gal

Time: 9:31
Water temperature: 21.7°C
Air temperature: 29.2°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	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	<32.0	U		6	40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<9.53	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	19.2	U			15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2,100	U			120	µg/L	ML	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

B-188

Second Quarter 2000

Well LFW 45D R collected on 06/19/00 (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	<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	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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	<64.5	U		6	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,270	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.1	U		6	10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	0.747	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	1,010	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,650	U			675	µg/L	ML	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	Thallium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
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	16.0	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
1	Gross alpha	8.23E-09±1.38E-09	J			7.52E-10	µCi/mL	GP	EPIA-001
0	Tritium	1.10E-06±4.27E-07	J	I		6.61E-07	µCi/mL	GP	EPIA-002

WELL LFW 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 14.07 ft (4.29 m) below TOC
 Water elevation: 147.63 ft (45 m) msl
 pH: 5.3
 Sp. conductance: 46 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 488 gal

Time: 13:47
 Water temperature: 20.2°C
 Air temperature: 40.6°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	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	16.6	J	I		40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<5.68	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	18.6	U			15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	3,600	U			120	µg/L	ML	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	<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	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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	46.9	J	K	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,570	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	7.49	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

Well LFW 47D collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	906	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,100				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	8.80	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	1.93E-09±5.94E-10				5.26E-10	µCi/mL	GP	EPIA-001
0	Tritium	8.98E-07±3.99E-07	J	I		6.24E-07	µCi/mL	GP	EPIA-002

WELL LFW 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 14.05 ft (4.28 m) below TOC
 Water elevation: 144.05 ft (43.91 m) msl
 pH: 5.1
 Sp. conductance: 21 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 36 gal

Time: 10:11
 Water temperature: 24.9°C
 Air temperature: 32°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
1	Aluminum, total recoverable	40.3				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<9.04	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	6.92	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	687				120	µg/L	ML	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	<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	15.3	J	I		60.0	µg/L	ML	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	1,2-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	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

ESH-EMS-2000406

Well LFW 56D collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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
1	Iron, total recoverable	164	J	K	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	663				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.86	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,150				675	µg/L	ML	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	Thallium, total recoverable	<7.37	JU	V	4	20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	6.90	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	7.18E-10±4.25E-10	J	I		6.59E-10	µCi/mL	GP	EPIA-001
0	Tritium	9.48E-07±3.96E-07	J	I		6.15E-07	µCi/mL	GP	EPIA-002

WELL LFW 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: 27.1 ft (8.26 m) below TOC
 Water elevation: 140.5 ft (42.82 m) msl
 pH: 7
 Sp. conductance: 139 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 54 gal

Time: 15:36
 Water temperature: 25°C
 Air temperature: 41.2°C
 Total alkalinity (as CaCO₃): 140 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
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<20.0	JU			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	87.7	J	I		200	µg/L	EX	EPA6010B
2	Aluminum, total recoverable	57.4				40.0	µg/L	ML	EPA6010B

B-190

Second Quarter 2000

Well LFW 58D collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Antimony, total recoverable	<6.60	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<10.0	JU			10.0	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<20.0	JU			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	2.10	JU	I		10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	<15.0	JU			15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	JU			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<2.24	JU	I	4	10.0	µg/L	EX	EPA6010B
0	Cadmium, total recoverable	<25.0	JU			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2.770	JU			120	µg/L	ML	EPA6010B
0	Carbon disulfide	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Chloroprene	<20.0	JU			20.0	µg/L	EX	EPA8260B
0	Chromium, total recoverable	<4.35	JU	I	4	10.0	µg/L	EX	EPA6010B
0	Chromium, total recoverable	<30.0	JU			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	<20.0	JU			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	JU			60.0	µg/L	ML	EPA6010B
0	Dibromochloromethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	JU			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,4-Dichlorobenzene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	JU			20.0	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	JU			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<10.0	JU			10.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<5.00	JU			5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	28.6	JU			5.00	µg/L	WA	EPA8260B
2	1,1-Dichloroethane	38.0	JU			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	12.0	JU			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<2.80	JU			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	JU			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	JU			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	JU			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU			5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 58D collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	463	J	K	IX	200	µg/L	EX	EPA6010B
2	Iron, total recoverable	513	J			40.0	µg/L	ML	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	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	4,100	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<2.71	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	0.877	U			0.500	µg/L	EX	EPA7470A
0	Mercury, total recoverable	0.952	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	7.75	J	I		20.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	18,200	U			675	µg/L	ML	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
1	Tetrachloroethylene	3.20	J	I		5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	3.05	J	I		5.00	µg/L	WA	EPA8260B
1	Trichloroethylene	4.40	J			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	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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
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	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	7.25	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	9.09E-10±5.02E-10	J	I		7.54E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	4.60E-09±1.53E-09	J	I		1.64E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	3.54E-09±1.45E-09	J	I		1.69E-09	µCi/mL	TM	EPA900.0M
0	Tritium	8.94E-06±6.72E-07	J	I		6.28E-07	µCi/mL	GP	EPIA-002
0	Tritium	6.67E-06±9.40E-07	J	L	C	1.13E-06	µCi/mL	TM	EPA906.0M
0	Tritium	7.02E-06±9.60E-07	J	L	C	1.15E-06	µCi/mL	TM	EPA906.0M

B-191

Second Quarter 2000

WELL LFW 58D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: 27.1 ft (8.26 m) below TOC
 Water elevation: 140.5 ft (42.82 m) msl
 pH: 7
 Sp. conductance: 139 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 54 gal

Time: 15:36
 Water temperature: 25°C
 Air temperature: 41.2°C
 Total alkalinity (as CaCO₃): 140 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	20.0	J	I		40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<4.68	JU	I	4	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	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2,800				120	µg/L	ML	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	<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	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	1,2-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	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
2	1,1-Dichloroethane	35.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	1.60	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	11.0				5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<3.00	U		8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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
1	Iron, total recoverable	254	J	K	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	4,160			6	185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<5.89	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	0.923				0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 58D R collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	18,700				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	4.10	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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	9.88	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	2.38E-09±6.78E-10				4.85E-10	µCi/mL	GP	EPIA-001
0	Tritium	8.81E-06±6.68E-07				6.27E-07	µCi/mL	GP	EPIA-002

WELL LFW 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: 26.2 ft (7.99 m) below TOC
 Water elevation: 141.4 ft (43.1 m) msl
 pH: 7
 Sp. conductance: 32 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 2528 gal

Time: 15:18
 Water temperature: 24.6°C
 Air temperature: 39.1°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
2	Aluminum, total recoverable	110				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	5.51	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	596				120	µg/L	ML	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	<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	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	1,2-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	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
1	1,1-Dichloroethane	17.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B

B-192

Second Quarter 2000

Well LFW 59D collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<5.00	U		5.00		µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	13.0			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	8	10.0		µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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
1	Iron, total recoverable	153			40.0		µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U		500		µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U		20.0		µg/L	ML	EPA6010B
0	Magnesium, total recoverable	895			185		µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U		10.0		µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U		0.200		µg/L	ML	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	Nickel, total recoverable	<60.0	U		60.0		µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U		200		µg/L	EX	EPA8260B
0	Potassium, total recoverable	404	J	I	1,870		µg/L	ML	EPA6010B
0	Propionitrile	<200	U		200		µg/L	EX	EPA8260B
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	3,380			675		µg/L	ML	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	Thallium, total recoverable	<20.0	U		20.0		µg/L	ML	EPA6010B
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	4.50	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	Vanadium, total recoverable	<30.0	U		30.0		µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Xylenes	<10.0	U		10.0		µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U		30.0		µg/L	ML	EPA6010B
0	Gross alpha	3.03E-09±8.04E-10			5.19E-10		µCi/mL	GP	EPIA-001
0	Tritium	2.05E-06±4.58E-07			6.50E-07		µCi/mL	GP	EPIA-002

WELL LFW 60C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 20.6 ft (6.28 m) below TOC
 Water elevation: 136.6 ft (41.64 m) msl
 pH: 7
 Sp. conductance: 129 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 28 gal

Time: 12:21
 Water temperature: 22.7°C
 Air temperature: 36.1°C
 Total alkalinity (as CaCO₃): 45 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	<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	11.5	J	I	20.0		µg/L	ML	EPA6010B
0	Barium, total recoverable	3.11	J	I	15.0		µg/L	ML	EPA6010B
0	Benzene	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U		5.00		µg/L	ML	EPA6010B
0	Bromochloromethane	<5.00	U		5.00		µg/L	EX	EPA8260B

Well LFW 60C collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromodichloromethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Bromoforn	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Cadmium, total recoverable	<25.0	U		25.0		µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,790			120		µg/L	ML	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	<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	114			60.0		µg/L	ML	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	1,2-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	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	1,3-Dichloropropane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	22,700	J	K	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U		500		µg/L	EX	EPA8260B
0	Lead, total recoverable	<8.92	JU	V	4	20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,550			185		µg/L	ML	EPA6010B
0	Manganese, total recoverable	23.5			10.0		µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U		0.200		µg/L	ML	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	Nickel, total recoverable	<60.0	U		60.0		µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U		200		µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U		1,870		µg/L	ML	EPA6010B
0	Propionitrile	<200	U		200		µg/L	EX	EPA8260B
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	7,060			675		µg/L	ML	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	Thallium, total recoverable	<40.0	U		40.0		µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U		30.0		µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Xylenes	<10.0	U		10.0		µg/L	EX	EPA8260B
0	Zinc, total recoverable	54.7			30.0		µg/L	ML	EPA6010B
0	Gross alpha	7.46E-10±4.47E-10	J	I	6.71E-10		µCi/mL	GP	EPIA-001
0	Tritium	2.80E-06±4.72E-07			6.16E-07		µCi/mL	GP	EPIA-002

ESH-EMS-2000406

B-193

Second Quarter 2000

WELL LFW 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/00
 Depth to water: 20.09 ft (6.12 m) below TOC
 Water elevation: 137.01 ft (41.76 m) msl
 pH: 6.7
 Sp. conductance: 48 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 38 gal

Time: 12:05
 Water temperature: 22.2°C
 Air temperature: 33.3°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	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	30.7	J	I		40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<4.77	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	10.5	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,030				120	µg/L	ML	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	<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	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	1,2-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	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
2	1,1-Dichloroethane	43.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	0.930	J	I		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	EX	EPA8260B
0	Dichloromethane	<2.50	U		8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	37.6	J	IK	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	752				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	14.3				10.0	µg/L	ML	EPA6010B
2	Mercury, total recoverable	2.21				0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 60D collected on 06/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	5,800				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	6.80				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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	8.00	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	1.62E-09±5.57E-10	J	I		6.32E-10	µCi/mL	GP	EPIA-001
0	Tritium	4.77E-06±5.38E-07				6.12E-07	µCi/mL	GP	EPIA-002

WELL LFW 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/16/00
 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
0	Acetone	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	JU	L	O	200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	JU	L	O	50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	JU	L	O	10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
2	Benzene	18.0	J	L	O	5.00	µg/L	EX	EPA8260B
0	Bromochloromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	12.0	J	L	O	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	8.10	J	L	O	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	JU	L	O	10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
1	1,4-Dichlorobenzene	66.0	J	L	O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	8.00	J	L	O	5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	70.0	J	L	O	5.00	µg/L	EX	EPA8260B
1	1,2-Dichloroethane	2.60	J	IL	O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	1.10	J	IL	O	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	24.0	J	L	O	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.30	JU	LV	O	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	1.30	J	IL	O	5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B

B-194

Second Quarter 2000

Well LFW 62D collected on 06/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,4-Dioxane	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Isobutyl alcohol	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Methacrylonitrile	<200	JU	L	O	200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU	L	O	10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	JU	L	O	200	µg/L	EX	EPA8260B
0	Propionitrile	<200	JU	L	O	200	µg/L	EX	EPA8260B
0	Styrene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	2.10	J	IL	O	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	9.10	J	L	O	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Xylenes	2.40	J	IL	O	10.0	µg/L	EX	EPA8260B

WELL LFW 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/16/00
 Depth to water: 23.28 ft (7.1 m) below TOC
 Water elevation: 141.52 ft (43.14 m) msl
 pH: 6.3
 Sp. conductance: 172 µS/cm
 Turbidity: 12 NTU

Time: 9:58
 Water temperature: 30.1°C
 Air temperature: 28°C
 Total alkalinity (as CaCO₃): 24 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	76.6				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<6.03	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	4.29	J	I		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	2,070				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
2	Iron, total recoverable	2,470				40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	3,790				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	9.61	J	I		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	387	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	25,300				675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	21.8	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	2.43E-09±8.45E-10				7.12E-10	µCi/mL	GP	EPIA-001
1	Tritium	1.02E-05±7.41E-07				7.00E-07	µCi/mL	GP	EPIA-002

WELL LFW 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: 29.05 ft (8.85 m) below TOC
 Water elevation: 138.75 ft (42.29 m) msl
 pH: 5.5
 Sp. conductance: 59 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 25 gal

Time: 9:26
 Water temperature: 20.7°C
 Air temperature: 26.5°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	505				40.0	µg/L	ML	EPA6010B
2	Antimony, total recoverable	7.90	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	5.57	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	914				120	µg/L	ML	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	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	5.56	J	I		20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	15.5	J	IK	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	364				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	9.47	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

Well LFW 63B collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,450	U			675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	11.9	J	I		30.0	µg/L	ML	EPA6010B
1	Gross alpha	1.22E-08±1.42E-09				5.15E-10	µCi/mL	GP	EPIA-001
0	Tritium	3.39E-07±3.75E-07	U			6.29E-07	µCi/mL	GP	EPIA-002

WELL LFW 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Depth to water: 29.35 ft (8.95 m) below TOC
 Water elevation: 138.75 ft (42.29 m) msl
 pH: 5.7
 Sp. conductance: 32 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 15 gal

ANALYSES

Well LFW 63C collected on 06/13/00 (cont.)

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	90.9				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<4.86	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	3.82	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	833				120	µg/L	ML	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	<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	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	1,2-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	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

ESH-EMS-2000406

Well LFW 63C collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	9.78	J	IK	IX	40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	432				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	4.14	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,590				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	7.21	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	5.07E-09±8.87E-10				5.63E-10	µCi/mL	GP	EPIA-001
0	Tritium	9.74E-07±4.00E-07	J	I		6.20E-07	µCi/mL	GP	EPIA-002

WELL LFW 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/16/00
 Depth to water: 29.24 ft (8.91 m) below TOC
 Water elevation: 139.06 ft (42.39 m) msl
 pH: 6.7
 Sp. conductance: 57 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 6 gal

Time: 11:09
 Water temperature: 21.3°C
 Air temperature: 30.6°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	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		40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<4.12	JU	I	4	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	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B

B-196

Second Quarter 2000

Well LFW 63D collected on 06/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	970	U			120	µg/L	ML	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	<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	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	1,2-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	1.10	U	I		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	8.30	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	<3.20	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	127	U			40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,270	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	498	U	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	7,390	U			675	µg/L	ML	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	Thallium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	19.6	U	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	2.38E-09±7.13E-10				4.90E-10	µCi/mL	GP	EPIA-001
0	Tritium	2.13E-06±4.81E-07				6.82E-07	µCi/mL	GP	EPIA-002

ESH-EMS-2000406

WELL LFW 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 12.61 ft (3.84 m) below TOC
 Water elevation: 139.59 ft (42.55 m) msl
 pH: 4.5
 Sp. conductance: 81 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 42 gal

Time: 14:54
 Water temperature: 19.5°C
 Air temperature: 22.3°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	1,150				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	5.77	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	711				120	µg/L	ML	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	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	10.5	J	I		20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	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	1,2-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	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	<5.00	U		8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	95.8				40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	381				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	14.2				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

Well LFW 64C collected on 06/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,500				675	µg/L	ML	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
2	Thallium, total recoverable	14.9	J	I		40.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	12.9	J	I		30.0	µg/L	ML	EPA6010B
2	Gross alpha	2.26E-08±2.21E-09				6.44E-10	µCi/mL	GP	EPIA-001
0	Tritium	4.83E-07±3.97E-07	U			6.56E-07	µCi/mL	GP	EPIA-002

WELL LFW 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/16/00
 Depth to water: 13.27 ft (4.04 m) below TOC
 Water elevation: 138.93 ft (42.35 m) msl
 pH: 6.7
 Sp. conductance: 46 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 10 gal

Time: 12:13
 Water temperature: 20.3°C
 Air temperature: 28.7°C
 Total alkalinity (as CaCO₃): 8 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	17.5	J	I		40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<4.69	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	7.52	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,120				120	µg/L	ML	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	1.70	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	<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	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	1,2-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	5.90				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	2.20	J	I		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 64D collected on 06/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	4.00	J	I		5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<2.70	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	146				40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,790				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	9.96	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	815	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	4,060				675	µg/L	ML	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	Thallium, total recoverable	<10.2	JU	I	4	20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	49.6				30.0	µg/L	ML	EPA6010B
0	Gross alpha	2.18E-09±6.94E-10				5.64E-10	µCi/mL	GP	EPIA-001
0	Tritium	3.78E-06±5.41E-07				6.81E-07	µCi/mL	GP	EPIA-002

WELL LFW 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
 Depth to water: 11.68 ft (3.56 m) below TOC
 Water elevation: 136.52 ft (41.61 m) msl
 pH: 4.2
 Sp. conductance: 47 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 47 gal

Time: 9:33
 Water temperature: 20°C
 Air temperature: 26.7°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	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	257				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	7.00	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

B-198

Second Quarter 2000

Well LFW 65B collected on 06/15/00 (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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	2.010				120	µg/L	ML	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	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	7.23	J	I		20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	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	1,2-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	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	<4.50	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	30.9	J	I		40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	367				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	12.6				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	485	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,720				675	µg/L	ML	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	Thallium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	13.9	J	I		30.0	µg/L	ML	EPA6010B
1	Gross alpha	7.72E-09±1.31E-09				4.93E-10	µCi/mL	GP	EPIA-001
0	Tritium	-1.74E-07±3.79E-07	U			6.77E-07	µCi/mL	GP	EPIA-002

WELL LFW 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
 Depth to water: 11.79 ft (3.59 m) below TOC
 Water elevation: 136.41 ft (41.58 m) msl
 pH: 5
 Sp. conductance: 29 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:40
 Water temperature: 20.1°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
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	45.0				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	8.06	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,130				120	µg/L	ML	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	<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	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	1,2-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	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	<5.30	U		8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	33.4	J	I		40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	716				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	6.92	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

Well LFW 65C collected on 06/15/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,540				675	µg/L	ML	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	Thallium, total recoverable	<7.47	JU	I	4	20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	9.09	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	4.68E-09±1.01E-09				5.44E-10	µCi/mL	GP	EPIA-001
0	Tritium	2.94E-07±4.07E-07	U			6.87E-07	µCi/mL	GP	EPIA-002

WELL LFW 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
 Depth to water: 12.01 ft (3.66 m) below TOC
 Water elevation: 136.39 ft (41.57 m) msl
 pH: 5
 Sp. conductance: 32 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 104 gal

Time: 12:44
 Water temperature: 21°C
 Air temperature: 33.7°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	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	39.8	J	I		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	3.92	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	599				120	µg/L	ML	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	<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	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	1,2-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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	7.60				5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	27.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 65D collected on 06/15/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	0.860	J	I		5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	15.0				5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.10	U		8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	133				40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	617				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	2.66	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	0.398				0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	3,420				675	µg/L	ML	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	2.70	J	I		5.00	µg/L	EX	EPA8260B
0	Thallium, total recoverable	<7.58	JU	I	4	20.0	µg/L	ML	EPA6010B
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	7.20				5.00	µg/L	EX	EPA8260B
1	Trichlorofluoromethane	16.0				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Gross alpha	1.62E-09±6.26E-10	J	I		6.36E-10	µCi/mL	GP	EPIA-001
0	Tritium	4.76E-06±5.71E-07				6.77E-07	µCi/mL	GP	EPIA-002

WELL LFW 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 19.49 ft (5.94 m) below TOC
 Water elevation: 138.21 ft (42.13 m) msl
 pH: 5.1
 Sp. conductance: 56 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 58 gal

Time: 13:02
 Water temperature: 21.2°C
 Air temperature: 31.9°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	360				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	5.25	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

B-200

Second Quarter 2000

Well LFW 67B collected on 06/19/00 (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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,310				120	µg/L	ML	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	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	8.12	J	I		20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	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	1,2-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	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	<5.20	U		8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	25.6	J	I		40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	381				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	9.05	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,490				675	µg/L	ML	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	Thallium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	10.0	J	I		30.0	µg/L	ML	EPA6010B
1	Gross alpha	9.60E-09±1.44E-09				5.44E-10	µCi/mL	GP	EPIA-001
0	Tritium	-8.24E-09±3.78E-07	U			6.60E-07	µCi/mL	GP	EPIA-002

WELL LFW 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
Depth to water: 20.32 ft (6.19 m) below TOC
Water elevation: 136.78 ft (41.69 m) msl
pH: 7.5
Sp. conductance: 261 µS/cm
Turbidity: 1 NTU
No water was evacuated from the well prior to sampling.

Time: 13:56
Water temperature: 21.9°C
Air temperature: 33.8°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
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	<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	20.7				20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	10.3	J	I		15.0	µg/L	ML	EPA6010B
1	Benzene	3.70	J	I		5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	12,100				120	µg/L	ML	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	I		5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
2	Chloroethene (Vinyl chloride)	82.0				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	<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	76.1				60.0	µg/L	ML	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	1,2-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	21.0				5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	4.20	J	I		5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	50.0				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	5.70				5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<3.80			8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	1.20	J	I		5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	16.0				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	30,600				40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	8,590				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	21.0				10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

Well LFW 67C collected on 06/15/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	19,300				675	µg/L	ML	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	Thallium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Toluene	20.0				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	1.10	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	3.30	J	I		5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	37.0				10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	55.3				30.0	µg/L	ML	EPA6010B
0	Gross alpha	3.20E-09±9.59E-10				7.11E-10	µCi/mL	GP	EPIA-001
1	Tritium	1.68E-05±8.79E-07				6.77E-07	µCi/mL	GP	EPIA-002

WELL LFW 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/16/00

Depth to water: 18.7 ft (5.7 m) below TOC

Water elevation: 139 ft (42.37 m) msl

pH: 6.3

Sp. conductance: 41 µS/cm

Turbidity: 3 NTU

Water evacuated from the well prior to sampling: 14 gal

Time: 14:56

Water temperature: 22.9°C

Air temperature: 31.4°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	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	159				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	7.04	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	958				120	µg/L	ML	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	<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	192				60.0	µg/L	ML	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	1,2-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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	6.50				5.00	µg/L	EX	EPA8260B
2	1,1-Dichloroethane	35.0				5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 67D collected on 06/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	1.10	J	I		5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	0.850	J	I		5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U		8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	329				40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
1	Lead, total recoverable	39.5				20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,340				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.98	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	3,800				675	µg/L	ML	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	2.00	J	I		5.00	µg/L	EX	EPA8260B
0	Thallium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
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	8.30				5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	9.90				5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	206				30.0	µg/L	ML	EPA6010B
0	Gross alpha	2.55E-09±7.87E-10				6.46E-10	µCi/mL	GP	EPIA-001
0	Tritium	1.76E-06±4.62E-07				6.74E-07	µCi/mL	GP	EPIA-002

WELL LFW 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00

Depth to water: 21.24 ft (6.47 m) below TOC

Water elevation: 140.16 ft (42.72 m) msl

pH: 5.2

Sp. conductance: 42 µS/cm

Turbidity: 1 NTU

Water evacuated from the well prior to sampling: 12 gal

Time: 11:41

Water temperature: 22.1°C

Air temperature: 35.1°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	92.8				40.0	µg/L	ML	EPA6010B
2	Antimony, total recoverable	6.78	J	I		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	6.11	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

B-202

Second Quarter 2000

Well LFW 68D collected on 06/19/00 (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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	1,230				120	µg/L	ML	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	<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	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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	49.6				40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	1,370				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	4.93	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	546	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,790				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	8.19	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	1.75E-09±6.19E-10				4.66E-10	µCi/mL	GP	EPIA-001
0	Tritium	9.65E-07±4.19E-07	J	I		6.58E-07	µCi/mL	GP	EPIA-002

WELL LFW 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
Depth to water: 8.94 ft (2.72 m) below TOC
Water elevation: 137.06 ft (41.78 m) msl
pH: 5.6
Sp. conductance: 55 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 26 gal

Time: 8:44
Water temperature: 19.9°C
Air temperature: 22.8°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
2	Aluminum, total recoverable	528				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	4.47	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	769				120	µg/L	ML	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	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	6.21	J	I		20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	9.83	J	I		40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	392				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	9.22	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B

Well LFW 69C collected on 06/21/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,500				675	µg/L	ML	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	Thallium, total recoverable	<10.1	JU	V	4	20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	11.7	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	6.45E-09±8.69E-10				4.48E-10	µCi/mL	GP	EPIA-001
1	Gross alpha	7.70E-09±9.14E-10				4.42E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.75E-09±6.38E-10				8.43E-10	µCi/mL	GP	EPIA-001
0	Tritium	2.21E-07±3.54E-07	U			6.00E-07	µCi/mL	GP	EPIA-002
0	Tritium	6.37E-07±3.65E-07	J	I		5.89E-07	µCi/mL	GP	EPIA-002
0	Tritium	6.37E-07±3.65E-07	J	I		5.89E-07	µCi/mL	GP	EPIA-002

WELL LFW 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
 Depth to water: 9.55 ft (2.91 m) below TOC
 Water elevation: 136.55 ft (41.62 m) msl
 pH: 7.1
 Sp. conductance: 41 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 6 gal

Time: 13:06
 Water temperature: 22.5°C
 Air temperature: 34.2°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	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	1,710				40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	22.8				20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	5.38	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	442				120	µg/L	ML	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	3.30	J	I		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	<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	17.5	J	I		60.0	µg/L	ML	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	1,2-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	10.0				5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well LFW 69D collected on 06/15/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	4.00	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	2.90	J	I		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		8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	60,300				40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<7.61	JU	I	4	20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	969				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	3.85	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	455	J	I		1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	5,330				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	26.1	J	I		30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	15.7	J	I		30.0	µg/L	ML	EPA6010B
0	Gross alpha	2.09E-09±7.98E-10	J	I		8.70E-10	µCi/mL	GP	EPIA-001
0	Tritium	4.43E-06±5.58E-07	J	I		6.72E-07	µCi/mL	GP	EPIA-002

WELL LFW 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: 10.45 ft (3.19 m) below TOC
 Water elevation: 136.55 ft (41.62 m) msl
 pH: 5
 Sp. conductance: 47 µS/cm
 Turbidity: 0 NTU
 No water was evacuated from the well prior to sampling.

Time: 12:54
 Water temperature: 21.1°C
 Air temperature: 31.4°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	285				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

B-204

Second Quarter 2000

Well LFW 71B collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Barium, total recoverable	4.40	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	697				120	µg/L	ML	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	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	5.55	J	I		20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	10.5	J	I		40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	337				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	6.06	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,500				675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<6.47	U	V		30.0	µg/L	ML	EPA6010B

ESH-EMS-2000406

Well LFW 71B collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Gross alpha	1.10E-08±1.48E-09						GP	EPIA-001
0	Tritium	2.45E-07±3.81E-07	U				µCi/mL	GP	EPIA-002

WELL LFW 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
Depth to water: 10.88 ft (3.32 m) below TOC
Water elevation: 136.32 ft (41.55 m) msl
pH: 5
Sp. conductance: 36 µS/cm
Turbidity: 1 NTU
No water was evacuated from the well prior to sampling.

Time: 11:20
Water temperature: 20.6°C
Air temperature: 28.7°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	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	58.6				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	6.98	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	998				120	µg/L	ML	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	<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	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	1,2-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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	634				185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	9.42	J	I		10.0	µg/L	ML	EPA6010B

B-205

Second Quarter 2000

Well LFW 71C collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,860	U			675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
1	Gross alpha	1.06E-08±1.46E-09				5.87E-10	µCi/mL	GP	EPIA-001
0	Tritium	4.88E-07±3.89E-07	U			6.42E-07	µCi/mL	GP	EPIA-002

WELL LFW 71D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/00
 Depth to water: 11.95 ft (3.64 m) below TOC
 Water elevation: 135.45 ft (41.29 m) msl
 pH: 5.2
 Sp. conductance: 23 µS/cm
 Turbidity: 0 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:10
 Water temperature: 19°C
 Air temperature: 25.9°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	<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	4.08	J	I		15.0	µg/L	ML	EPA6010B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Bromochloromethane	<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	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	<266	U	V		120	µg/L	ML	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	<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	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

ESH-EMS-2000406

Well LFW 71D collected on 06/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	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	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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	12.4	J	I		40.0	µg/L	ML	EPA6010B
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	597	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	2.50	J	I		10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	0.168	J	I		0.200	µg/L	ML	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	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
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	1,890	U			675	µg/L	ML	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	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
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	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Gross alpha	1.57E-09±6.25E-10	J	I		7.36E-10	µCi/mL	GP	EPIA-001
0	Tritium	8.24E-07±4.06E-07	J	I		6.44E-07	µCi/mL	GP	EPIA-002

WELL MSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 116.04 ft (35.37 m) below TOC
 Water elevation: Not available
 pH: 5.1
 Sp. conductance: 32 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 79 gal

Time: 10:41
 Water temperature: 18.6°C
 Air temperature: 25.1°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	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

B-206

Second Quarter 2000

Well MSB 90C collected on 05/09/00 (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	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	<2.30	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	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 90TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 139.62 ft (42.56 m) below TOC
 Water elevation: Not available
 pH: 5.6
 Sp. conductance: 22 µS/cm
 Turbidity: 13 NTU
 Water evacuated from the well prior to sampling: 429 gal

Time: 13:17
 Water temperature: 21.2°C
 Air temperature: 29.1°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	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	<3.10	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 MSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 106.45 ft (32.45 m) below TOC
 Water elevation: Not available
 pH: 3.7
 Sp. conductance: 34 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 115 gal

Time: 9:48
 Water temperature: 5.9°C
 Air temperature: 21.9°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	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	<2.30	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	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 91TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 120.65 ft (36.77 m) below TOC
 Water elevation: Not available
 pH: 5.9
 Sp. conductance: 27 µS/cm
 Turbidity: 19 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:15
 Water temperature: 20.3°C
 Air temperature: 27.1°C
 Total alkalinity (as CaCO₃): 8 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
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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B

Well MSB 91TB collected on 04/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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

WELL MSB 91TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 Depth to water: 120.65 ft (36.77 m) below TOC
 Water elevation: Not available
 pH: 9.2
 Sp. conductance: 79 µS/cm
 Turbidity: 19 NTU
 No water was evacuated from the well prior to sampling.
 Unfiltered sample.

Time: 10:45
 Water temperature: 21.4°C
 Air temperature: 26°C
 Total alkalinity (as CaCO₃): 48 mg/L
 Phenolphthalein alkalinity: Not available

Well MSB 91TB collected on 04/12/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	3.90	J	I		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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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	0.260	J	I		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

WELL MSB 91TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 121.08 ft (36.91 m) below TOC
 Water elevation: Not available
 pH: 8.8
 Sp. conductance: 126 µS/cm
 Turbidity: 2 NTU
 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		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	21.0				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 91TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 121.08 ft (36.91 m) below TOC
 Water elevation: Not available
 pH: 11.5
 Sp. conductance: 4,045 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.
 Unfiltered sample.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<25.0	U			25.0	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B

Time: 13:07
 Water temperature: 24.5°C
 Air temperature: 31.1°C
 Total alkalinity (as CaCO₃): 35 mg/L
 Phenolphthalein alkalinity: 0 mg/L

Time: 14:07
 Water temperature: 24.6°C
 Air temperature: 28.7°C
 Total alkalinity (as CaCO₃): 832 mg/L
 Phenolphthalein alkalinity: 832 mg/L

Well MSB 91TB collected on 05/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	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	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Dichloromethane	<7.62	U			5.00	µg/L	WA	EPA8260B
2	Dichloromethane	7.10	J	V		50.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<25.0	U			25.0	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	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<25.0	U			25.0	µg/L	EX	EPA8260B
1	Toluene	614		L		5.00	µg/L	WA	EPA8260B
1	Toluene	619				25.0	µg/L	WA	EPA8260B
0	Toluene	460				25.0	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL MSB 91TB Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 Depth to water: 121.08 ft (36.91 m) below TOC
 Water elevation: Not available
 pH: 11.5
 Sp. conductance: 4,045 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.
 Unfiltered sample.

Time: 14:07
 Water temperature: 24.6°C
 Air temperature: 28.7°C
 Total alkalinity (as CaCO₃): 832 mg/L
 Phenolphthalein alkalinity: 832 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	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	<50.0	U			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

ESH-EMS-2000406

Well MSB 91TB R collected on 05/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	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
1	Toluene	520				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
0	Trichloroethylene	<25.0	U			25.0	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<25.0	U			25.0	µg/L	EX	EPA8260B

WELL MSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 Depth to water: 112.1 ft (34.17 m) below TOC
 Water elevation: Not available
 pH: 5.4
 Sp. conductance: 25 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 139 gal

Time: 14:29
 Water temperature: 18.7°C
 Air temperature: 30.6°C
 Total alkalinity (as CaCO₃): 8 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 P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 38.64 ft (11.78 m) below TOC
 Water elevation: 115.36 ft (35.16 m) msl
 pH: 5.7
 Sp. conductance: 35 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 143 gal

Time: 13:07
 Water temperature: 19.9°C
 Air temperature: 20.9°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	1.20	J	I		5.00	µg/L	EX	EPA8260B
0	Gross alpha	1.08E-09±7.98E-10	U			1.30E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	1.01E-09±8.50E-10	U			1.22E-09	µCi/mL	TM	EPA900.0M

B-209

Second Quarter 2000

Well P 26A collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	4.50E-10±7.60E-10	U			1.20E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.96E-09±9.20E-10	J	I		1.73E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.60E-09±1.24E-09	J	I		1.65E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.47E-09±1.18E-09	J	I		1.65E-09	µCi/mL	TM	EPA900.0M

WELL P 26A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 38.64 ft (11.78 m) below TOC
 Water elevation: 115.36 ft (35.16 m) msl
 pH: 5.7
 Sp. conductance: 35 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 143 gal

Time: 13:07
 Water temperature: 19.9°C
 Air temperature: 20.9°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Gross alpha	1.14E-09±7.24E-10	J	I		9.53E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.70E-09±8.08E-10	J	I		1.48E-09	µCi/mL	GP	EPIA-001

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 50.09 ft (15.27 m) below TOC
 Water elevation: 104.01 ft (31.7 m) msl
 pH: 6.5
 Sp. conductance: 68 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 69 gal

Time: 12:44
 Water temperature: 20.2°C
 Air temperature: 20.4°C
 Total alkalinity (as CaCO₃): 21 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Gross alpha	8.26E-10±7.07E-10	U			1.18E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.31E-09±8.30E-10	U			1.65E-09	µCi/mL	GP	EPIA-001

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 41.16 ft (12.55 m) below TOC
 Water elevation: 112.74 ft (34.36 m) msl
 pH: 6.3
 Sp. conductance: 46 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 33 gal

Time: 13:43
 Water temperature: 19.9°C
 Air temperature: 21.1°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Actinium-228	5.46E-09±5.14E-09	U			9.58E-09	µCi/mL	GP	EPIA-013
0	Americium-241	-1.68E-11±3.37E-11	U			2.18E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	-1.69E-09±3.47E-09	U			5.63E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-5.71E-10±8.61E-09	U			1.51E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.52E-10±1.28E-09	U			1.89E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.82E-09±3.68E-09	J	I		2.11E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.51E-09±1.45E-09	U			1.90E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-7.47E-10±1.37E-09	U			2.36E-09	µCi/mL	GP	EPIA-013
0	CS136	1.63E-09±3.06E-09	U			5.68E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.01E-09	U			1.19E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.40E-10±1.42E-10	U			1.05E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.00E+00±2.01E-09	U			1.22E-10	µCi/mL	GP	EPIA-011

ESH-EMS-2000406

Well P 26D collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Europium-152	-7.01E-10±3.63E-09	U			6.08E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.03E-09±3.51E-09	U			6.84E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.11E-09±4.62E-09	U			7.96E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	9.20E-10±7.05E-10	U			1.18E-09	µCi/mL	GP	EPIA-001
0	Lead-212	4.14E-09±3.60E-09	J	I		4.03E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-4.56E-10±1.12E-09	U			1.92E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.90E-09±8.33E-10	J	I		1.49E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.18E-08±1.59E-08	U			3.28E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	8.78E-11±1.14E-09	U			2.03E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-9.29E-10±1.71E-09	U			2.75E-09	µCi/mL	GP	EPIA-013
0	Radium-226	8.17E-10±5.66E-10	J	I		7.34E-10	µCi/mL	GP	EPIA-008
0	Radium-228	6.70E-10±5.86E-10	U			1.16E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	7.43E-10±1.08E-08	U			1.94E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	7.34E-10±1.26E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.20E-10±2.71E-10	U			5.85E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	1.10E-08±1.05E-08	U			2.31E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.58E-11±7.16E-11	U			1.38E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	-3.89E-12±2.01E-11	U			6.60E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	1.13E-11±2.28E-11	U			4.77E-11	µCi/mL	GP	EPIA-012
0	Tritium	1.55E-06±4.54E-07	J	I		6.72E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.78E-11±3.95E-11	U			4.17E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	1.06E-11±2.87E-11	U			7.36E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	0.00E+00±2.00E-09	U			4.17E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	-3.31E-10±1.50E-09	U			2.65E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.20E-09±2.73E-09	U			4.54E-09	µCi/mL	GP	EPIA-013

WELL RPC 4DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 28.71 ft (8.75 m) below TOC
 Water elevation: 273.69 ft (83.42 m) msl
 pH: 5.7
 Sp. conductance: 38 µS/cm
 Turbidity: 39 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 9:41
 Water temperature: 20.1°C
 Air temperature: 24.2°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	Gross alpha	9.95E-10±5.46E-10	J	I		8.11E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.37E-09±7.27E-10	J	I		1.20E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	1.04E-10±1.88E-10	U			4.02E-10	µCi/mL	GP	EPIA-004

WELL RPC 4DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 28.71 ft (8.75 m) below TOC
 Water elevation: 273.69 ft (83.42 m) msl
 pH: 5.7
 Sp. conductance: 38 µS/cm
 Turbidity: 39 NTU
 Water evacuated from the well prior to sampling: 1 gal
 Unfiltered sample.

Time: 9:41
 Water temperature: 20.1°C
 Air temperature: 24.2°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	Gross alpha	1.53E-09±4.26E-10				3.77E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.88E-09±5.23E-10	J	I		8.95E-10	µCi/mL	GP	EPIA-001
0	Strontium-90	-5.61E-11±3.15E-10	U			7.15E-10	µCi/mL	GP	EPIA-004

B-210

Second Quarter 2000

WELL RPC 8DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 Depth to water: 31 ft (9.45 m) below TOC
 Water elevation: 272.7 ft (83.12 m) msl
 pH: 6
 Sp. conductance: 22 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 31 gal
 Unfiltered sample.

Time: 13:23
 Water temperature: 20.7°C
 Air temperature: 32.2°C
 Total alkalinity (as CaCO₃): 2 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	4.06E-10±4.37E-10	U		7.83E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.95E-10±7.01E-10	U		1.47E-09		µCi/mL	GP	EPIA-001
0	Strontium-90	-9.90E-12±3.11E-10	U		7.21E-10		µCi/mL	GP	EPIA-004

WELL RPC 8DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 27.98 ft (8.53 m) below TOC
 Water elevation: 275.52 ft (83.98 m) msl
 pH: 5.8
 Sp. conductance: 43 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 1 gal
 Unfiltered sample.

Time: 10:03
 Water temperature: 19.9°C
 Air temperature: 25.6°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): VX

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	6.31E-10±4.62E-10	U		7.68E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.01E-10±6.62E-10	U		1.39E-09		µCi/mL	GP	EPIA-001
0	Strontium-90	9.76E-11±2.92E-10	U		6.36E-10		µCi/mL	GP	EPIA-004

WELL RPC 10DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/00
 Depth to water: 21.48 ft (6.55 m) below TOC
 Water elevation: 273.52 ft (83.37 m) msl
 pH: 6.3
 Sp. conductance: 31 µS/cm
 Turbidity: 8 NTU
 Water evacuated from the well prior to sampling: 36 gal

Time: 13:07
 Water temperature: 21.8°C
 Air temperature: 29.8°C
 Total alkalinity (as CaCO₃): 18 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	8.66E-10±5.02E-10	J	I	7.10E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.21E-09±7.10E-10	U		1.40E-09		µCi/mL	GP	EPIA-001
0	Strontium-90	-4.74E-10±3.97E-10	U		9.96E-10		µCi/mL	GP	EPIA-004

WELL RPC 10DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/00
 Depth to water: 21.48 ft (6.55 m) below TOC
 Water elevation: 273.52 ft (83.37 m) msl
 pH: 6.3
 Sp. conductance: 31 µS/cm
 Turbidity: 8 NTU
 Water evacuated from the well prior to sampling: 36 gal
 Unfiltered sample.

Time: 13:07
 Water temperature: 21.8°C
 Air temperature: 29.8°C
 Total alkalinity (as CaCO₃): 18 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	6.13E-10±4.72E-10	U		8.02E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.28E-10±7.16E-10	U		1.47E-09		µCi/mL	GP	EPIA-001

ESH-EMS-2000406

Well RPC 10DL collected on 06/05/00 (cont.)

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Strontium-90	-5.47E-11±4.02E-10	U		9.33E-10		µCi/mL	GP	EPIA-004

WELL RPC 10DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 19.6 ft (5.97 m) below TOC
 Water elevation: 275.4 ft (83.94 m) msl
 pH: 6
 Sp. conductance: 25 µS/cm
 Turbidity: 81 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 11:12
 Water temperature: 22.1°C
 Air temperature: 29.5°C
 Total alkalinity (as CaCO₃): 24 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): VX

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	3.66E-10±6.11E-10	U		1.27E-09		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.88E-09±1.40E-09	J	I	2.51E-09		µCi/mL	GP	EPIA-001

WELL RPC 10DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 19.6 ft (5.97 m) below TOC
 Water elevation: 275.4 ft (83.94 m) msl
 pH: 6
 Sp. conductance: 25 µS/cm
 Turbidity: 81 NTU
 Water evacuated from the well prior to sampling: 1 gal
 Unfiltered sample.

Time: 11:12
 Water temperature: 22.1°C
 Air temperature: 29.5°C
 Total alkalinity (as CaCO₃): 24 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): VX

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
1	Gross alpha	1.03E-08±1.05E-09			5.23E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.88E-09±7.76E-10			9.84E-10		µCi/mL	GP	EPIA-001
0	Strontium-90	7.35E-11±4.10E-10	U		9.03E-10		µCi/mL	GP	EPIA-004

WELL RPC 11DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/00
 Depth to water: 23.41 ft (7.14 m) below TOC
 Water elevation: 270.29 ft (82.39 m) msl
 pH: 6.1
 Sp. conductance: 32 µS/cm
 Turbidity: 13 NTU
 Water evacuated from the well prior to sampling: 38 gal

Time: 15:03
 Water temperature: 22.1°C
 Air temperature: 31.3°C
 Total alkalinity (as CaCO₃): 5 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	5.16E-10±4.39E-10	U		7.84E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.51E-10±7.54E-10	U		1.56E-09		µCi/mL	GP	EPIA-001
0	Strontium-90	4.62E-11±4.10E-10	U		9.26E-10		µCi/mL	GP	EPIA-004

WELL RPC 11DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/00
 Depth to water: 23.41 ft (7.14 m) below TOC
 Water elevation: 270.29 ft (82.39 m) msl
 pH: 6.1
 Sp. conductance: 32 µS/cm
 Turbidity: 13 NTU
 Water evacuated from the well prior to sampling: 38 gal
 Unfiltered sample.

Time: 15:03
 Water temperature: 22.1°C
 Air temperature: 31.3°C
 Total alkalinity (as CaCO₃): 5 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

B-211

Second Quarter 2000

Well RPC 11DL collected on 06/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.10E-09±5.09E-10	J	I		5.70E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.93E-10±6.72E-10	U			1.35E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	-1.41E-10±3.93E-10	U			9.34E-10	µCi/mL	GP	EPIA-004

WELL RPC 11DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/00
 Depth to water: 14.2 ft (4.33 m) below TOC
 Water elevation: 279.5 ft (85.19 m) msl
 pH: 5
 Sp. conductance: 26 µS/cm
 Turbidity: 3 NTU
 No water was evacuated from the well prior to sampling.
 Unfiltered sample.

Time: 9:10
 Water temperature: 19.7°C
 Air temperature: 25.1°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	Carbon-14	3.79E-08±6.10E-09	U	V		8.23E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	4.87E-10±4.00E-10	U			6.60E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.81E-07±4.74E-09				1.25E-09	µCi/mL	GP	EPIA-001
2	Strontium-90	6.54E-08±1.78E-09	J	L	CI	8.12E-10	µCi/mL	GP	EPIA-004
2	Strontium-90	6.49E-08±1.62E-09	J	L	CI	7.19E-10	µCi/mL	GP	EPIA-004

WELL RSB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 25.65 ft (7.82 m) below TOC
 Water elevation: 279.95 ft (85.33 m) msl
 pH: 6.5
 Sp. conductance: 38 µS/cm
 Turbidity: 39 NTU
 No water was evacuated from the well prior to sampling.

Time: 13:06
 Water temperature: 21.1°C
 Air temperature: 29°C
 Total alkalinity (as CaCO₃): 44 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.15E-09±5.21E-10	J	I		5.43E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.41E-10±2.88E-10	U			5.43E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.20E-09±6.25E-10	U			1.21E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.57E-09±6.54E-10	J	I		1.21E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	-2.64E-10±4.19E-10	U			9.74E-10	µCi/mL	GP	EPIA-004

WELL RSB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 25.65 ft (7.82 m) below TOC
 Water elevation: 279.95 ft (85.33 m) msl
 pH: 6.5
 Sp. conductance: 38 µS/cm
 Turbidity: 39 NTU
 No water was evacuated from the well prior to sampling.
 Unfiltered sample.

Time: 13:06
 Water temperature: 21.1°C
 Air temperature: 29°C
 Total alkalinity (as CaCO₃): 44 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	8.58E-10±4.78E-10	J	I		6.24E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.26E-09±6.98E-10	J	I		1.18E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	3.77E-10±3.98E-10	U			8.26E-10	µCi/mL	GP	EPIA-004

WELL RSC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/00
 Depth to water: 34.65 ft (10.56 m) below TOC
 Water elevation: 274.35 ft (83.62 m) msl
 pH: 3.7
 Sp. conductance: 90 µS/cm
 Turbidity: 45 NTU
 No water was evacuated from the well prior to sampling.

Time: 12:02
 Water temperature: 23.2°C
 Air temperature: 32.2°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	Gross alpha	3.82E-09±9.37E-10				5.36E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	3.79E-09±9.32E-10				6.24E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.11E-09±8.10E-10				1.13E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.58E-09±8.67E-10				1.31E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	1.28E-10±2.44E-10	JU	L	CI	4.78E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	2.27E-11±5.10E-10	JU	L	CI	8.80E-10	µCi/mL	GP	EPIA-004

WELL RSC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/00
 Depth to water: 34.65 ft (10.56 m) below TOC
 Water elevation: 273.15 ft (83.26 m) msl
 pH: 3.7
 Sp. conductance: 90 µS/cm
 Turbidity: 45 NTU
 No water was evacuated from the well prior to sampling.
 Unfiltered sample.

Time: 12:02
 Water temperature: 23.2°C
 Air temperature: 32.2°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	Gross alpha	1.98E-09±7.01E-10	J	I		7.75E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.13E-09±7.32E-10	U			1.46E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	-1.84E-10±1.84E-10	JU	L	CI	4.51E-10	µCi/mL	GP	EPIA-004

WELL RSD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/00
 Depth to water: 20.62 ft (6.29 m) below TOC
 Water elevation: 280.98 ft (85.64 m) msl
 pH: 4.5
 Sp. conductance: 25 µS/cm
 Turbidity: 452 NTU

Time: 13:20
 Water temperature: 25.5°C
 Air temperature: 33°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): X

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Gross alpha	1.68E-08±2.63E-09				1.76E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	2.04E-07±6.13E-09				2.42E-09	µCi/mL	GP	EPIA-001
2	Strontium-90	3.83E-08±9.75E-10	J	L	CI	4.33E-10	µCi/mL	GP	EPIA-004

WELL RSD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/00
 Depth to water: 20.62 ft (6.29 m) below TOC
 Water elevation: 280.98 ft (85.64 m) msl
 pH: 4.5
 Sp. conductance: 25 µS/cm
 Turbidity: 452 NTU
 Unfiltered sample.

Time: 13:20
 Water temperature: 25.5°C
 Air temperature: 33°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): X

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	2.56E-09±8.54E-10				6.77E-10	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.79E-07±4.64E-09				1.39E-09	µCi/mL	GP	EPIA-001

Well RSD 4 collected on 06/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Strontium-90	4.22E-08±1.07E-09	J	L	CI	4.80E-10	µCi/mL	GP	EPIA-004

WELL RSD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/00
 Depth to water: 13.05 ft (3.98 m) below TOC
 Water elevation: 279.45 ft (85.18 m) msl
 pH: 4.6
 Sp. conductance: 25 µS/cm
 Turbidity: 52 NTU
 No water was evacuated from the well prior to sampling.

Time: 11:12
 Water temperature: 20.1°C
 Air temperature: 30.1°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	Gross alpha	1.45E-09±6.40E-10	J	I		7.34E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	2.65E-08±1.86E-09				1.45E-09	µCi/mL	GP	EPIA-001
2	Strontium-90	8.65E-09±6.87E-10	J	L	CI	7.99E-10	µCi/mL	GP	EPIA-004

WELL RSD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/00
 Depth to water: 13.05 ft (3.98 m) below TOC
 Water elevation: 279.45 ft (85.18 m) msl
 pH: 4.6
 Sp. conductance: 25 µS/cm
 Turbidity: 52 NTU
 No water was evacuated from the well prior to sampling.
 Unfiltered sample.

Time: 11:12
 Water temperature: 20.1°C
 Air temperature: 30.1°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	Gross alpha	3.29E-09±8.80E-10				5.84E-10	µCi/mL	GP	EPIA-001
1	Nonvolatile beta	3.16E-08±1.98E-09				1.23E-09	µCi/mL	GP	EPIA-001
2	Strontium-90	1.11E-08±8.35E-10	J	L	CI	8.35E-10	µCi/mL	GP	EPIA-004

WELL RSE 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 28.84 ft (8.79 m) below TOC
 Water elevation: 273.66 ft (83.41 m) msl
 pH: 4.7
 Sp. conductance: 28 µS/cm
 Turbidity: 34 NTU

Time: 9:16
 Water temperature: 28.8°C
 Air temperature: 24.3°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	Gross alpha	4.74E-10±4.25E-10	U			7.56E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.11E-09±8.31E-10				1.19E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	2.57E-10±4.31E-10	U			9.18E-10	µCi/mL	GP	EPIA-004

WELL RSE 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 28.84 ft (8.79 m) below TOC
 Water elevation: 273.66 ft (83.41 m) msl
 pH: 4.7
 Sp. conductance: 28 µS/cm
 Turbidity: 34 NTU
 Unfiltered sample.

Time: 9:16
 Water temperature: 28.8°C
 Air temperature: 24.3°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): SX

ANALYSES

Well RSE 2 collected on 06/06/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	2.08E-09±7.00E-10				5.34E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.16E-09±8.65E-10				1.13E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	1.11E-09±5.44E-10	J	I		8.77E-10	µCi/mL	GP	EPIA-004

WELL RSE 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 22.35 ft (6.81 m) below TOC
 Water elevation: 278.65 ft (84.93 m) msl
 pH: 5.3
 Sp. conductance: 50 µS/cm
 Turbidity: 127 NTU

Time: 9:39
 Water temperature: 20.9°C
 Air temperature: 25.8°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	Gross alpha	5.91E-10±4.55E-10	U			7.57E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.33E-08±1.29E-09				1.22E-09	µCi/mL	GP	EPIA-001
1	Strontium-90	4.45E-09±6.10E-10				8.39E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	3.46E-09±1.12E-09	J	I		1.74E-09	µCi/mL	GP	EPIA-004

WELL RSE 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/00
 Depth to water: 22.35 ft (6.81 m) below TOC
 Water elevation: 278.65 ft (84.93 m) msl
 pH: 5.3
 Sp. conductance: 50 µS/cm
 Turbidity: 127 NTU
 Unfiltered sample.

Time: 9:39
 Water temperature: 20.9°C
 Air temperature: 25.8°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	Gross alpha	1.42E-09±6.11E-10	J	I		6.73E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.32E-08±1.27E-09				1.21E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	3.79E-09±4.46E-10				5.72E-10	µCi/mL	GP	EPIA-004

WELL RSF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/09/00
 Depth to water: 33.51 ft (10.21 m) below TOC
 Water elevation: 269.59 ft (82.17 m) msl
 pH: 6.7
 Sp. conductance: 131 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.
 Unfiltered sample.

Time: 13:00
 Water temperature: 24.1°C
 Air temperature: 31.6°C
 Total alkalinity (as CaCO₃): 62 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.03E-09±6.89E-10	U			1.24E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.41E-09±7.81E-10	U			1.53E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	-5.50E-12±2.78E-10	JU	L	CI	6.25E-10	µCi/mL	GP	EPIA-004

WELL RSF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/00
Depth to water: 29.2 ft (8.9 m) below TOC
Water elevation: 273.6 ft (83.39 m) msl
pH: 6.1
Sp. conductance: 33 µS/cm
Turbidity: 0 NTU
No water was evacuated from the well prior to sampling.
Unfiltered sample.

Time: 13:06
Water temperature: 22.3°C
Air temperature: 33.1°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	Gross alpha	6.21E-10±3.76E-10	J	I		3.67E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.20E-09±5.39E-10	J	I		6.04E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.39E-09±8.70E-10	J	I		1.17E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	9.70E-10±8.20E-10	U			1.16E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.06E-09±6.19E-10	U			1.22E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.92E-10±5.86E-10	U			1.30E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.17E-09±1.07E-09	U			1.59E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.27E-09±1.13E-09	J	I		1.59E-09	µCi/mL	TM	EPA900.0M
0	Strontium-90	6.60E-11±3.19E-10	U			7.03E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	5.10E-10±1.01E-09	U			1.74E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	-4.40E-10±8.60E-10	U			1.60E-09	µCi/mL	TM	EMLSR02M

WELL RSF 2 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/00
Depth to water: 29.2 ft (8.9 m) below TOC
Water elevation: 273.6 ft (83.39 m) msl
pH: 6.1
Sp. conductance: 33 µS/cm
Turbidity: 0 NTU
No water was evacuated from the well prior to sampling.
Unfiltered sample.

Time: 13:06
Water temperature: 22.3°C
Air temperature: 33.1°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	Gross alpha	5.79E-10±4.17E-10	U			6.43E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	6.80E-11±4.46E-10	U			1.08E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	6.80E-11±4.46E-10	U			1.08E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.78E-10±5.91E-10	U			1.16E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.08E-10±6.99E-10	U			1.45E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.08E-10±6.99E-10	U			1.45E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	-7.71E-10±2.86E-10	JU			7.88E-10	µCi/mL	GP	EPIA-004

WELL RSF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/00
Depth to water: 33 ft (10.06 m) below TOC
Water elevation: 274.1 ft (83.55 m) msl
pH: 5.4
Sp. conductance: 33 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 90 gal

Time: 13:44
Water temperature: 24.1°C
Air temperature: 32.3°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	Gross alpha	1.82E-10±2.58E-10	U			5.12E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.18E-10±5.61E-10	U			1.24E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	8.01E-11±3.63E-10	U			8.13E-10	µCi/mL	GP	EPIA-004

WELL RSF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/00
Depth to water: 33 ft (10.06 m) below TOC
Water elevation: 274.1 ft (83.55 m) msl
pH: 5.4
Sp. conductance: 33 µS/cm
Turbidity: 6 NTU
Water evacuated from the well prior to sampling: 90 gal
Unfiltered sample.

Time: 13:44
Water temperature: 24.1°C
Air temperature: 32.3°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	Gross alpha	1.35E-09±5.87E-10	J	I		6.99E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.42E-09±6.67E-10	J	I		1.23E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	-3.64E-10±5.20E-10	U			1.24E-09	µCi/mL	GP	EPIA-004

WELL RSP 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/00
Depth to water: 24.4 ft (7.44 m) below TOC
Water elevation: 275.9 ft (84.1 m) msl
pH: 4.5
Sp. conductance: 42 µS/cm
Turbidity: 76 NTU
No water was evacuated from the well prior to sampling.

Time: 10:21
Water temperature: 20.5°C
Air temperature: 29°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	Gross alpha	3.33E-09±9.61E-10				1.02E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.62E-09±8.91E-10				1.40E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	-4.38E-11±2.01E-10	JU	L	Cl	4.59E-10	µCi/mL	GP	EPIA-004

WELL RSP 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/00
Depth to water: 24.4 ft (7.44 m) below TOC
Water elevation: 275.9 ft (84.1 m) msl
pH: 4.5
Sp. conductance: 42 µS/cm
Turbidity: 76 NTU
No water was evacuated from the well prior to sampling.
Unfiltered sample.

Time: 10:21
Water temperature: 20.5°C
Air temperature: 29°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	Gross alpha	1.24E-09±5.65E-10	J	I		6.94E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.42E-09±6.66E-10	J	I		1.23E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	1.34E-10±2.35E-10	JU	L	Cl	5.00E-10	µCi/mL	GP	EPIA-004

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
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: 10:23
Water temperature: 18.5°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

Well RWM 1 collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
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	cis-1,2-Dichloroethylene	<100	U			100	µg/L	ML	EPA8260B
0	trans-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	22,900				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	29,000				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 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/02/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.9
 Sp. conductance: 54 µS/cm
 Turbidity: 0 NTU

Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 12:50
 Water temperature: 22.9°C
 Air temperature: 36.8°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	<1,000	JU	L	O	1,000	µg/L	ML	EPA8260B
0	Benzene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Bromodichloromethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Bromoform	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Bromomethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Carbon disulfide	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chlorobenzene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloroform	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloromethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Dibromochloromethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Dichloromethane	<1,000	JU	L	O	1,000	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Ethylbenzene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	2-Hexanone	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Styrene	<100	JU	L	O	100	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 1 collected on 06/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
2	Tetrachloroethylene	14,800	J	L	O	100	µg/L	ML	EPA8260B
0	Toluene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
2	Trichloroethylene	18,100	J	L	O	100	µg/L	ML	EPA8260B
0	Vinyl acetate	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Xylenes	<100	JU	L	O	100	µg/L	ML	EPA8260B

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6
 Sp. conductance: 60 µS/cm
 Turbidity: 2 NTU
 The well was continuously pumping.

Time: 12:14
 Water temperature: 22.2°C
 Air temperature: 32.1°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	<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
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	cis-1,2-Dichloroethylene	<100	U			100	µg/L	ML	EPA8260B
0	trans-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	18,500				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	21,900				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: 04/25/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.3
 Sp. conductance: 87 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 11:00
 Water temperature: 19°C
 Air temperature: 17.1°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	<1,000	U			1,000	µg/L	ML	EPA8260B

B-215

Second Quarter 2000

Well RWM 2 collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
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	cis-1,2-Dichloroethylene	<100	U			100	µg/L	ML	EPA8260B
0	trans-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	14,200				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	15,400				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: 06/02/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.8
 Sp. conductance: 81 µS/cm
 Turbidity: 1 NTU

Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Benzene	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Benzene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Bromodichloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Bromoform	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Bromoform	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Bromomethane	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Bromomethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Chlorobenzene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloroethane	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Chloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	2-Chloroethyl vinyl ether	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Chloroform	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Chloroform	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloromethane	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Chloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Dibromochloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 2 collected on 06/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethane	<500	JU		O	500	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<500	JU		O	500	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<500	JU		O	500	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<500	JU		O	500	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<500	JU		O	500	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
2	Dichloromethane	210	J	I	O	1,000	µg/L	EX	EPA8260B
0	Dichloromethane	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<500	JU		O	500	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<500	JU		O	500	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<500	JU		O	500	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<500	JU		O	500	µg/L	EX	EPA8260B
0	Ethylbenzene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Styrene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<500	JU		O	500	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	7,800	J		O	500	µg/L	EX	EPA8260B
2	Tetrachloroethylene	12,600	J	L	O	50.0	µg/L	ML	EPA8260B
0	Toluene	<500	JU		O	500	µg/L	EX	EPA8260B
0	Toluene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<500	JU		O	500	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<500	JU		O	500	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	6,400	J		O	500	µg/L	EX	EPA8260B
2	Trichloroethylene	8,740	J	L	O	50.0	µg/L	ML	EPA8260B
0	Trichlorofluoromethane	<500	JU		O	500	µg/L	EX	EPA8260B
0	Vinyl acetate	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B

WELL RWM 2 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/02/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.8
 Sp. conductance: 81 µS/cm
 Turbidity: 1 NTU

Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Benzene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloroform	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Dichloromethane	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B

B-216

Second Quarter 2000

Well RWM 2 R collected on 06/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Styrene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	12,900	J	L	O	50.0	µg/L	ML	EPA8260B
0	Toluene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	8,820	J	L	O	50.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.6
 Sp. conductance: 48 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 11:21
 Water temperature: 18.9°C
 Air temperature: 17.5°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	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
2	Carbon tetrachloride	5.80	J	IK	O	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
0	1,2-Dichloroethylene	7.40	J	IK	O	10.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	7.40	J	IK	O	10.0	µg/L	ML	EPA8260B
0	trans-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	811	J	K	O	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	2,920	J	K	O	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 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.9
 Sp. conductance: 49 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 10:45
 Water temperature: 23.7°C
 Air temperature: 31.9°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	JU		O	200	µg/L	ML	EPA8260B
0	Benzene	<20.0	JU		OX	20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	JU		O	100	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	JU		OX	20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	JU		O	200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	2-Hexanone	<100	JU		O	100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	JU		O	100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	JU		O	100	µg/L	ML	EPA8260B
0	Styrene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	823	J		O	20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	3,340	J	OX	O	20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	JU		O	100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	JU		O	20.0	µg/L	ML	EPA8260B

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6.3
 Sp. conductance: 48 µS/cm
 Turbidity: 4 NTU
 The well was continuously pumping.

Time: 11:20
 Water temperature: 23.5°C
 Air temperature: 35°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

Well RWM 3 collected on 06/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
0	1,1-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	trans-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	788				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	3,080				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: 04/25/00
 Depth to water: 162.2 ft (49.44 m) below TOC
 Water elevation: 204.3 ft (62.27 m) msl
 pH: 4.9
 Sp. conductance: 23 µS/cm
 Turbidity: 0 NTU
 The well was continuously pumping.

Time: 10:40
 Water temperature: 18.4°C
 Air temperature: 17.7°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	<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
0	1,1-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
1	1,2-Dichloroethylene	26.0				20.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	26.0				20.0	µg/L	ML	EPA8260B
0	trans-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	1,070				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	6,090				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

ESH-EMS-2000406

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
 Depth to water: 163.14 ft (49.73 m) below TOC
 Water elevation: 203.36 ft (61.98 m) msl
 pH: 5.1
 Sp. conductance: 24 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 11:01
 Water temperature: 23.2°C
 Air temperature: 33.2°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	Acetone	<500	JU		O	500	µg/L	ML	EPA8260B
0	Benzene	<50.0	JU		OX	50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	JU		O	250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<50.0	JU		OX	50.0	µg/L	ML	EPA8260B
0	Chloroethane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Chloroform	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Chloromethane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Dichloromethane	<500	JU		O	500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	JU		O	250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	JU		O	250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	JU		O	250	µg/L	ML	EPA8260B
0	Styrene	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	1,000	J		O	50.0	µg/L	ML	EPA8260B
0	Toluene	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	6,690	J		OX	50.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<250	JU		O	250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	JU		O	50.0	µg/L	ML	EPA8260B

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6.5
 Sp. conductance: 22 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 12:05
 Water temperature: 24°C
 Air temperature: 35.5°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	Acetone	<500	JU			500	µg/L	ML	EPA8260B
0	Benzene	<50.0	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Benzene	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Benzene	<50.0	JU			50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Bromodichloromethane	<50.0	JU			50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Bromoform	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Bromoform	<50.0	JU			50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Bromomethane	<50.0	JU			50.0	µg/L	ML	EPA8260B

B-218

Second Quarter 2000

Well RWM 4 collected on 06/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon disulfide	<250	U			250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Chlorobenzene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Chloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	U			50.0	µg/L	ML	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloroform	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Chloroform	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Chloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Dibromochloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	1.30	J	IL	O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	15.0	J	L	O	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
1	Dichloromethane	3.60	J	IL	O	10.0	µg/L	EX	EPA8260B
0	Dichloromethane	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Dichloromethane	<500	U			500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<250	JU	L	O	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	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	590	J	L	O	5.00	µg/L	EX	EPA8260B
2	Tetrachloroethylene	1,300	J	L	O	250	µg/L	EX	EPA8260B
2	Tetrachloroethylene	1,200	U			50.0	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Toluene	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	Toluene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<250	JU	L	O	250	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	1,200	J	L	O	5.00	µg/L	EX	EPA8260B
2	Trichloroethylene	7,500	J	L	O	250	µg/L	EX	EPA8260B
2	Trichloroethylene	7,100	U			50.0	µg/L	ML	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<250	JU	L	O	250	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well RWM 4 collected on 06/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Vinyl acetate	<250	U			250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	U			50.0	µg/L	ML	EPA8260B

WELL RWM 4 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6.5
 Sp. conductance: 22 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 12:05
 Water temperature: 24°C
 Air temperature: 35.5°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	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	cis-1,2-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	trans-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	1,010	J	K	O	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	6,140	J	K	O	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: 04/25/00
 Depth to water: 158.65 ft (48.36 m) below TOC
 Water elevation: 208.25 ft (63.48 m) msl
 pH: 4.6
 Sp. conductance: 33 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 11:40
 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	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

B-219

Second Quarter 2000

Well RWM 5 collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
0	1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	trans-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	523				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	1,530				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 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
 Depth to water: 159.42 ft (48.59 m) below TOC
 Water elevation: 207.48 ft (63.24 m) msl
 pH: 5.2
 Sp. conductance: 32 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<100	JU		O	100	µg/L	ML	EPA8260B
0	Benzene	<10.0	JU		OX	10.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Bromoform	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Bromomethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<10.0	JU		OX	10.0	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Chloroform	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Chloromethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Dichloromethane	<100	JU		O	100	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	2-Hexanone	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Styrene	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	574	J		O	10.0	µg/L	ML	EPA8260B
0	Toluene	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 5 collected on 05/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
2	Trichloroethylene	1,690	J		OX	10.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<50.0	JU		O	50.0	µg/L	ML	EPA8260B
0	Xylenes	<10.0	JU		O	10.0	µg/L	ML	EPA8260B

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 159.65 ft (48.66 m) below TOC
 Water elevation: 207.25 ft (63.17 m) msl
 pH: 6.6
 Sp. conductance: 28 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 11:07
 Water temperature: 23.3°C
 Air temperature: 37.8°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
0	cis-1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	trans-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	585	J	K	O	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	1,550	J	K	O	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: 04/25/00
 Depth to water: 181.36 ft (55.28 m) below TOC
 Water elevation: 167.74 ft (51.13 m) msl
 pH: 4.4
 Sp. conductance: 30 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 13:02
 Water temperature: 19.3°C
 Air temperature: 20.3°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	<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

B-220

Second Quarter 2000

Well RWM 6 collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
0	1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	trans-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	2,960				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	2,480				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: 05/25/00
 Depth to water: 143 ft (43.59 m) below TOC
 Water elevation: 206.1 ft (62.82 m) msl
 pH: 5.3
 Sp. conductance: 30 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<200	JU		O	200	µg/L	ML	EPA8260B
0	Benzene	<20.0	JU		OX	20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	JU		O	100	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	JU		OX	20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	JU		O	200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	2-Hexanone	<100	JU		O	100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	JU		O	100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	JU		O	100	µg/L	ML	EPA8260B
0	Styrene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	2,520	J		O	20.0	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 6 collected on 05/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	JU		O	20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	1,780	J		OX	20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	JU		O	100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	JU		O	20.0	µg/L	ML	EPA8260B

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 181.05 ft (55.18 m) below TOC
 Water elevation: 168.05 ft (51.22 m) msl
 pH: 6.6
 Sp. conductance: 29 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 10:15
 Water temperature: 23.9°C
 Air temperature: 34.3°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	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
0	1,1-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	trans-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	2,600	J	K	O	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	1,980	J	K	O	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: 04/25/00
 Depth to water: 154.81 ft (47.19 m) below TOC
 Water elevation: 194.19 ft (59.19 m) msl
 pH: 4
 Sp. conductance: 63 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 12:50
 Water temperature: 18.8°C
 Air temperature: 18.4°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	<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

B-221

Second Quarter 2000

Well RWM 7 collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	cis-1,2-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	trans-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	9,770				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	8,150				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 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/02/00
 Depth to water: 151.82 ft (46.28 m) below TOC
 Water elevation: 197.18 ft (60.1 m) msl
 pH: 5.5
 Sp. conductance: 66 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 11:48
 Water temperature: 23.3°C
 Air temperature: 34.8°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	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Benzene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Bromoform	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Bromomethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloroform	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Chloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Dichloromethane	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	2-Hexanone	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Styrene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 7 collected on 06/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	5,340	J	L	O	50.0	µg/L	ML	EPA8260B
0	Toluene	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
2	Trichloroethylene	1,410	J	L	O	50.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<250	JU	L	O	250	µg/L	ML	EPA8260B
0	Xylenes	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 154.6 ft (47.12 m) below TOC
 Water elevation: 194.4 ft (59.25 m) msl
 pH: 5.9
 Sp. conductance: 63 µS/cm
 Turbidity: 2 NTU
 The well was continuously pumping.

Time: 11:52
 Water temperature: 22.1°C
 Air temperature: 30.8°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	<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	cis-1,2-Dichloroethylene	<50.0	U			50.0	µg/L	ML	EPA8260B
0	trans-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	9,590	J	K	O	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	7,130	J	K	O	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 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 146.63 ft (44.69 m) below TOC
 Water elevation: 201.67 ft (61.47 m) msl
 pH: 4.8
 Sp. conductance: 115 µS/cm
 Turbidity: 0 NTU
 The well was continuously pumping.

Time: 10:08
 Water temperature: 18.4°C
 Air temperature: 18.1°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

B-222

Second Quarter 2000

Well RWM 8 collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
1	1,1-Dichloroethylene	6.85				5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	24.0				5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	24.0				5.00	µg/L	ML	EPA8260B
0	trans-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	1,020				5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	2.35	J	I		5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	1,660				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 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
 Depth to water: 147.5 ft (44.96 m) below TOC
 Water elevation: 200.8 ft (61.2 m) msl
 pH: 5.2
 Sp. conductance: 106 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 11:18
 Water temperature: 23.9°C
 Air temperature: 33.8°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	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Benzene	<10.0	JU	L	OX	10.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Bromoform	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<10.0	JU	L	OX	10.0	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Chloroform	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	10.6	J	L	O	10.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Dichloromethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	2-Hexanone	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 8 collected on 05/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl isobutyl ketone	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Styrene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	466	J	L	O	10.0	µg/L	ML	EPA8260B
0	Toluene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
2	Trichloroethylene	786	J	L	OX	10.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Xylenes	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 147.71 ft (45.02 m) below TOC
 Water elevation: 200.59 ft (61.14 m) msl
 pH: 6.5
 Sp. conductance: 97 µS/cm
 Turbidity: 4 NTU
 The well was continuously pumping.

Time: 12:18
 Water temperature: 24.9°C
 Air temperature: 35.9°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	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
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	9.45	J	K	O	5.00	µg/L	ML	EPA8260B
0	trans-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	431	J	K	O	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	743	J	K	O	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 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 162.35 ft (49.48 m) below TOC
 Water elevation: 218.25 ft (66.52 m) msl
 pH: 4.7
 Sp. conductance: 46 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 12:35
 Water temperature: 18.6°C
 Air temperature: 16.9°C
 Total alkalinity (as CaCO₃): 2 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

B-223

Second Quarter 2000

Well RWM 9 collected on 04/25/00 (cont.)

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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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
2	Tetrachloroethylene	6.00	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	120	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

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/02/00
 Depth to water: 161.82 ft (49.32 m) below TOC
 Water elevation: 218.78 ft (66.68 m) msl
 pH: 5.5
 Sp. conductance: 48 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 12:10
 Water temperature: 22.5°C
 Air temperature: 34.5°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	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	0.440	J	IL	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	0.580	J	IL	O	1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 9 collected on 06/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	13.0	J	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	211	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 164.02 ft (49.99 m) below TOC
 Water elevation: 216.58 ft (66.01 m) msl
 pH: 6.7
 Sp. conductance: 44 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 10:50
 Water temperature: 22.8°C
 Air temperature: 33.1°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	<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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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
2	Tetrachloroethylene	9.51	J	K	O	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	198	J	K	O	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 RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 160.06 ft (48.79 m) below TOC
 Water elevation: 195.44 ft (59.57 m) msl
 pH: 4.6
 Sp. conductance: 106 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 9:51
 Water temperature: 18.3°C
 Air temperature: 17.1°C
 Total alkalinity (as CaCO₃): 2 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

B-224

Second Quarter 2000

Well RWM 10 collected on 04/25/00 (cont.)

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
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
1	cis-1,2-Dichloroethylene	57.0	J	I		100	µg/L	ML	EPA8260B
0	trans-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	15,500	U			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	7,530	U			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 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/02/00
 Depth to water: 159.81 ft (48.71 m) below TOC
 Water elevation: 195.69 ft (59.65 m) msl
 pH: 5.2
 Sp. conductance: 113 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 13:01
 Water temperature: 22.9°C
 Air temperature: 37.3°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	JU	L	O	1,000	µg/L	ML	EPA8260B
0	Benzene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Bromodichloromethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Bromoform	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Bromomethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Carbon disulfide	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chlorobenzene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloroform	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloromethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Dibromochloromethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Dichloromethane	<1,000	JU	L	O	1,000	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Ethylbenzene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	2-Hexanone	<500	JU	L	O	500	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 10 collected on 06/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl ethyl ketone	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Styrene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
2	Tetrachloroethylene	24,400	J	L	O	100	µg/L	ML	EPA8260B
0	Toluene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
2	Trichloroethylene	6,540	J	L	O	100	µg/L	ML	EPA8260B
0	Vinyl acetate	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Xylenes	<100	JU	L	O	100	µg/L	ML	EPA8260B

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6.6
 Sp. conductance: 83 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 12:30
 Water temperature: 22.7°C
 Air temperature: 37.1°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	<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
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	cis-1,2-Dichloroethylene	<100	U			100	µg/L	ML	EPA8260B
0	trans-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	11,000	U			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	5,910	U			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 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 173.95 ft (53.02 m) below TOC
 Water elevation: 209.35 ft (63.81 m) msl
 pH: 4.5
 Sp. conductance: 28 µS/cm
 Turbidity: 0 NTU
 The well was continuously pumping.

Time: 12:21
 Water temperature: 19.4°C
 Air temperature: 17.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

B-225

Second Quarter 2000

Well RWM 11 collected on 04/25/00 (cont.)

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
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	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	trans-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	51.1				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	749				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 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/02/00
 Depth to water: 173.61 ft (52.92 m) below TOC
 Water elevation: 209.69 ft (63.91 m) msl
 pH: 5.2
 Sp. conductance: 29 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 12:01
 Water temperature: 22.7°C
 Air temperature: 34.4°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	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	0.940	J	IL	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	1.43	J	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	1.28	J	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 11 collected on 06/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	36.6	J	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	199	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 174.45 ft (53.17 m) below TOC
 Water elevation: 208.85 ft (63.66 m) msl
 pH: 6.5
 Sp. conductance: 28 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 10:33
 Water temperature: 23°C
 Air temperature: 31.5°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	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
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	trans-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	48.3				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	751				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: 04/26/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4
 Sp. conductance: 41 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 9:44
 Water temperature: 17.2°C
 Air temperature: 14.8°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

B-226

Second Quarter 2000

Well RWM 12 collected on 04/26/00 (cont.)

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
0	1,2-Dichloroethylene	16.3	J	K	O	10.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	16.3	J	K	O	10.0	µg/L	ML	EPA8260B
0	trans-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	38.8	J	K	O	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	1,760	J	K	O	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 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 Depth to water: 149.05 ft (45.43 m) below TOC
 Water elevation: 210.35 ft (64.12 m) msl
 pH: 6.5
 Sp. conductance: 41 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 10:00
 Water temperature: 19.7°C
 Air temperature: 21.8°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	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Benzene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Bromoform	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Chloroform	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	15.6	J	L	O	10.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Dichloromethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	2-Hexanone	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 12 collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl ethyl ketone	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Styrene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	12.0	J	L	O	10.0	µg/L	ML	EPA8260B
0	Toluene	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
2	Trichloroethylene	1,800	J	L	O	10.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Xylenes	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B

WELL RWM 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.8
 Sp. conductance: 41 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 10:51
 Water temperature: 22.5°C
 Air temperature: 28.5°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	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
0	cis-1,2-Dichloroethylene	15.6				10.0	µg/L	ML	EPA8260B
0	trans-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	10.6				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	1,860				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: 04/25/00
 Depth to water: 136.15 ft (41.5 m) below TOC
 Water elevation: 200.05 ft (60.98 m) msl
 pH: 5
 Sp. conductance: 20 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 13:32
 Water temperature: 18.6°C
 Air temperature: 20.9°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

B-227

Second Quarter 2000

Well RWM 13B collected on 04/25/00 (cont.)

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
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	3.20	J	I		5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	3.20	J	I		5.00	µg/L	ML	EPA8260B
0	trans-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	8.35				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	622				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 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/00
 Depth to water: 136.23 ft (41.52 m) below TOC
 Water elevation: 199.97 ft (60.95 m) msl
 pH: 5.5
 Sp. conductance: 20 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 9:54
 Water temperature: 20.4°C
 Air temperature: 27°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	L	O	50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	2.80	J	IL	O	5.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 13B collected on 06/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl ethyl ketone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	9.90	J	L	O	5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	568	J	L	O	5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B

WELL RWM 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 136.5 ft (41.61 m) below TOC
 Water elevation: 199.7 ft (60.87 m) msl
 pH: 6.6
 Sp. conductance: 19 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 9:31
 Water temperature: 21.4°C
 Air temperature: 32.3°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	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
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	trans-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	7.25				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	496				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: 04/25/00
 Depth to water: 129.85 ft (39.58 m) below TOC
 Water elevation: 206.55 ft (62.96 m) msl
 pH: 4.9
 Sp. conductance: 30 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 13:25
 Water temperature: 18.9°C
 Air temperature: 20.9°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

B-228

Second Quarter 2000

Well RWM 13C collected on 04/25/00 (cont.)

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
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	6.55				5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	6.55				5.00	µg/L	ML	EPA8260B
0	trans-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	19.7				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	873				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: 06/01/00
 Depth to water: 130.41 ft (39.75 m) below TOC
 Water elevation: 205.99 ft (62.79 m) msl
 pH: 5.4
 Sp. conductance: 30 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 10:03
 Water temperature: 21.6°C
 Air temperature: 30.4°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	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	4.70	J	IL	O	5.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 13C collected on 06/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl ethyl ketone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	19.0	J	L	O	5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	722	J	L	O	5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B

WELL RWM 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 130.55 ft (39.79 m) below TOC
 Water elevation: 205.85 ft (62.74 m) msl
 pH: 6.5
 Sp. conductance: 28 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 9:38
 Water temperature: 21.9°C
 Air temperature: 33.7°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	<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
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	4.80	J	IK	O	5.00	µg/L	ML	EPA8260B
0	trans-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	16.4	J	K	O	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	737	J	K	O	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: 04/26/00
 Depth to water: 195.96 ft (59.73 m) below TOC
 Water elevation: 155.24 ft (47.32 m) msl
 pH: 3.8
 Sp. conductance: 23 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 9:20
 Water temperature: 17°C
 Air temperature: 13.2°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

B-229

Second Quarter 2000

Well RWM 14B collected on 04/26/00 (cont.)

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
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	4.30	J	IK	O	5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	4.30	J	IK	O	5.00	µg/L	ML	EPA8260B
0	trans-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	20.8	J	K	O	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	660	J	K	O	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: 06/01/00
 Depth to water: 142.74 ft (43.51 m) below TOC
 Water elevation: 208.46 ft (63.54 m) msl
 pH: 6.2
 Sp. conductance: 25 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 9:09
 Water temperature: 19.5°C
 Air temperature: 20.8°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	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromomethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	4.10	J	IL	O	5.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Dichloromethane	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 14B collected on 06/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl ethyl ketone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	8.75	J	L	O	5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	655	J	L	O	5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B

WELL RWM 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 142.65 ft (43.48 m) below TOC
 Water elevation: 208.55 ft (63.57 m) msl
 pH: 6.4
 Sp. conductance: 23 µS/cm
 Turbidity: 4 NTU
 The well was continuously pumping.

Time: 10:14
 Water temperature: 20.7°C
 Air temperature: 25.1°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	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
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	4.35	J	I		5.00	µg/L	ML	EPA8260B
0	trans-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	8.20	U			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	631	U			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: 04/26/00
 Depth to water: 149.7 ft (45.63 m) below TOC
 Water elevation: 201.7 ft (61.48 m) msl
 pH: 4
 Sp. conductance: 35 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 9:13
 Water temperature: 17.4°C
 Air temperature: 13.3°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

B-230

Second Quarter 2000

Well RWM 14C collected on 04/26/00 (cont.)

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
0	1,1-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
1	1,2-Dichloroethylene	25.8				20.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	25.8				20.0	µg/L	ML	EPA8260B
0	trans-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	81.0				20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	13.4	J	I		20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	3,640				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 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.6
 Sp. conductance: 36 µS/cm
 Turbidity: 2 NTU

Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 9:14
 Water temperature: 19.5°C
 Air temperature: 21°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	L	O	200	µg/L	ML	EPA8260B
0	Benzene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Bromodichloromethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Bromoform	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Bromomethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Chlorobenzene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Chloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Chloroform	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Chloromethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	24.0	J	L	O	20.0	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Dichloromethane	<200	JU	L	O	200	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Ethylbenzene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B

Well RWM 14C collected on 06/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Hexanone	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Styrene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
2	Tetrachloroethylene	31.6	J	L	O	20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	3,570	J	L	O	20.0	µg/L	ML	EPA8260B
0	Vinyl acetate	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Xylenes	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B

WELL RWM 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6.2
 Sp. conductance: 35 µS/cm
 Turbidity: 4 NTU
 The well was continuously pumping.

Time: 10:21
 Water temperature: 20.2°C
 Air temperature: 25.1°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	<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
0	1,1-Dichloroethylene	<20.0	U			20.0	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	25.0				20.0	µg/L	ML	EPA8260B
0	trans-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	27.6				20.0	µg/L	ML	EPA8260B
0	Toluene	<20.0	J			20.0	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	10.6	U	I		20.0	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<20.0	U			20.0	µg/L	ML	EPA8260B
2	Trichloroethylene	3,560				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: 04/25/00
 Depth to water: 161.65 ft (49.27 m) below TOC
 Water elevation: 207.85 ft (63.35 m) msl
 pH: 5.1
 Sp. conductance: 21 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 13:50
 Water temperature: 18.6°C
 Air temperature: 20.8°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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	22.1				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 RWM 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/00
 Depth to water: 161.96 ft (49.37 m) below TOC
 Water elevation: 207.54 ft (63.26 m) msl
 pH: 5.4
 Sp. conductance: 21 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 1 gal
 The well was continuously pumping.

Time: 10:24
 Water temperature: 23°C
 Air temperature: 28.8°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	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well RWM 15B collected on 06/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	0.600	J	IL	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	21.9	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL RWM 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 162.1 ft (49.41 m) below TOC
 Water elevation: 207.4 ft (63.22 m) msl
 pH: 7.5
 Sp. conductance: 21 µS/cm
 Turbidity: 0 NTU
 The well was continuously pumping.

Time: 9:08
 Water temperature: 20.1°C
 Air temperature: 25.6°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	<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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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	19.3	J	K	O	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

B-232

Second Quarter 2000

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
 Depth to water: 109.05 ft (33.24 m) below TOC
 Water elevation: 211.55 ft (64.48 m) msl
 pH: 4.4
 Sp. conductance: 63 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 30 gal

Time: 8:35
 Water temperature: 19.1°C
 Air temperature: 18.5°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	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	7.20				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	1.60	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: 05/25/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.8
 Sp. conductance: 73 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 94 gal

Time: 12:36
 Water temperature: 21.5°C
 Air temperature: 34.4°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	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	3.30	J	IK	O	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

ESH-EMS-2000406

Well SRW 4 collected on 05/25/00 (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 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.8
 Sp. conductance: 26 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 23 gal
 There was no water in standpipe.

Time: 8:20
 Water temperature: 18.7°C
 Air temperature: 15.3°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	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	4.50	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	7.70				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	1.60	J	I		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	1.30	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
1	Trichloroethylene	2.50	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: 05/02/00
 Depth to water: 89.49 ft (27.28 m) below TOC
 Water elevation: 198.61 ft (60.54 m) msl
 pH: 5
 Sp. conductance: 26 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 47 gal

Time: 9:10
 Water temperature: 18.5°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	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	1.60	J	I		5.00	µg/L	EX	EPA8260B

B-233

Second Quarter 2000

Well SRW 8 collected on 05/02/00 (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	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	4.20	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: 05/02/00
 Depth to water: 57.62 ft (17.56 m) below TOC
 Water elevation: 195.78 ft (59.67 m) msl
 pH: 5.2
 Sp. conductance: 19 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 56 gal

Time: 12:17
 Water temperature: 20.2°C
 Air temperature: 31.6°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	Benzene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	1.10	J	IK	OX	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		X	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		X	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	2.79	J	IK	OX	5.00	µg/L	WA	EPA8260B
0	Chloroform	2.60	J	I		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	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		X	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		X	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<7.95	U		X	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	1.50	J	I		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well SRW 9 collected on 05/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<5.00	U		X	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		X	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		X	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U		X	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		X	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U		X	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		X	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		X	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	2.17	J	IK	OX	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	2.10	J	I		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<5.00	U		X	5.00	µg/L	WA	EPA8260B

WELL SRW 9 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: 57.62 ft (17.56 m) below TOC
 Water elevation: 195.78 ft (59.67 m) msl
 pH: 5.2
 Sp. conductance: 19 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 56 gal

Time: 12:17
 Water temperature: 20.2°C
 Air temperature: 31.6°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	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	2.70	J	IK	O	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	2.00	J	IK	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	2.10	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

B-234

Second Quarter 2000

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.2
 Sp. conductance: 14 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 59 gal

Time: 9:40
 Water temperature: 18.8°C
 Air temperature: 19.3°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	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	2.20	J	I		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

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: 133.68 ft (40.75 m) below TOC
 Water elevation: 212.92 ft (64.9 m) msl
 pH: 5.4
 Sp. conductance: 17 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 25 gal

Time: 13:32
 Water temperature: 20°C
 Air temperature: 32.7°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	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	1.60	J	I		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

ESH-EMS-2000406

Well SRW 16C collected on 05/02/00 (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 17DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/00
 Depth to water: 121.65 ft (37.08 m) below TOC
 Water elevation: Not available
 pH: 8.7
 Sp. conductance: 97 µS/cm
 Turbidity: 14 NTU
 Water evacuated from the well prior to sampling: 215 gal

Time: 13:58
 Water temperature: 21.4°C
 Air temperature: 33.4°C
 Total alkalinity (as CaCO₃): 32 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 SRW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 Depth to water: 128.76 ft (39.25 m) below TOC
 Water elevation: Not available
 pH: 5.5
 Sp. conductance: 17 µS/cm
 Turbidity: 12 NTU
 Water evacuated from the well prior to sampling: 150 gal

Time: 15:36
 Water temperature: 21.4°C
 Air temperature: 34.3°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	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

B-235

Second Quarter 2000

Well SRW 18 collected on 05/02/00 (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 SVE 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.9
 Sp. conductance: 97 µS/cm
 Turbidity: 1000 NTU
 No water was evacuated from the well prior to sampling.

Time: 14:47
 Water temperature: 23.2°C
 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	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
2	1,2-Dichloroethylene	115				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
0	Tetrachloroethylene	<50.0	U			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	8,350				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 TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 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
0	Actinium-228	8.48E-09±5.46E-09	U			1.04E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	9.57E-10±3.73E-09	U			6.45E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	3.61E-09±1.09E-08	U			1.81E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	8.03E-10±1.11E-09	U			2.36E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.82E-10±1.37E-09	U			2.46E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.19E-10±1.42E-09	U			2.35E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.33E-10±1.42E-09	U			2.27E-09	µCi/mL	GP	EPIA-013
0	CS136	-7.38E-09±9.98E-09	U			1.60E-08	µCi/mL	GP	EPIA-013
0	Europium-152	3.52E-09±5.16E-09	U			7.10E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.77E-09±3.58E-09	U			6.18E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.09E-09±5.55E-09	U			9.15E-09	µCi/mL	GP	EPIA-013
0	Lead-212	2.16E-09±3.74E-09	U			5.26E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	5.21E-10±1.45E-09	U			2.60E-09	µCi/mL	GP	EPIA-013
0	Potassium-40	1.91E-08±2.61E-08	U			2.04E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-3.41E-11±1.40E-09	U			2.46E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	8.44E-10±1.83E-09	U			3.19E-09	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-1.43E-09±1.19E-08	U			2.10E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-6.46E-10±1.29E-09	U			2.23E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.96E-10±1.95E-09	U			3.52E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	9.10E-10±2.99E-09	U			5.56E-09	µCi/mL	GP	EPIA-013

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 55.68 ft (16.97 m) below TOC
 Water elevation: 95.52 ft (29.11 m) msl
 pH: 5.4
 Sp. conductance: 67 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 26 gal

Time: 11:00
 Water temperature: 21.2°C
 Air temperature: 18.6°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	52.1				1.00	µg/L	GE	EPA8260B
0	Actinium-228	4.56E-09±1.11E-08	U			1.28E-08	µCi/mL	GP	EPIA-013
0	Americium-241	4.44E-12±2.60E-11	U			6.80E-11	µCi/mL	GP	EPIA-011
0	Antimony-125	2.54E-10±4.05E-09	U			7.31E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-7.16E-09±1.14E-08	U			1.88E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-5.00E-10±1.60E-09	U			2.41E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-3.39E-10±1.53E-09	U			2.67E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	5.13E-10±1.43E-09	U			2.48E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.17E-10±1.61E-09	U			3.16E-09	µCi/mL	GP	EPIA-013
0	CS136	2.73E-09±8.67E-09	U			1.63E-08	µCi/mL	GP	EPIA-013
0	Curium-242	8.98E-12±1.80E-11	U			2.70E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	8.58E-12±3.15E-11	U			7.50E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.20E-10±6.75E-11	R		4	2.76E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-9.24E-10±4.30E-09	U			7.64E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-3.53E-10±4.57E-09	U			8.48E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.36E-09±5.81E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	4.63E-09±1.12E-09	J		L	8.59E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	2.87E-11±2.97E-10	U			6.08E-10	µCi/mL	GP	EPIA-006
0	Lead-212	5.19E-09±3.29E-09	U			5.85E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.07E-09±1.46E-09	U			2.36E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	1.91E-11±5.18E-11	U			1.33E-10	µCi/mL	GP	EPIA-032
0	Nonvolatile beta	3.06E-09±8.42E-10	U			1.35E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	0.00E+00±2.01E-09	U			1.08E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	0.00E+00±2.01E-09	U			1.08E-10	µCi/mL	GP	EPIA-011
0	Plutonium-244	-8.62E-12±1.73E-11	U			1.90E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	1.65E-08±3.06E-08	U			2.42E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	1.12E-09±1.72E-09	U			3.18E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	3.01E-10±1.99E-09	U			3.60E-09	µCi/mL	GP	EPIA-013

Well TBG 1 collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Radium-226	1.64E-09±7.54E-10	J	I	6.05E-10	µCi/mL	GP	EPIA-008	
0	Radium-228	7.86E-10±5.31E-10	U		1.02E-09	µCi/mL	GP	EPIA-009	
2	Radon-222	6.15E-07±5.05E-08			5.39E-08	µCi/mL	GP	EPIA-007	
2	Radon-222	5.37E-07±4.89E-08			5.46E-08	µCi/mL	GP	EPIA-007	
0	Ruthenium-106	7.92E-10±1.36E-08	U		2.45E-08	µCi/mL	GP	EPIA-013	
0	Sodium-22	-1.03E-10±1.65E-09	U		3.07E-09	µCi/mL	GP	EPIA-013	
0	Strontium-90	-1.31E-10±2.68E-10	U		6.50E-10	µCi/mL	GP	EPIA-004	
0	Technetium-99	-4.66E-09±8.46E-09	U		2.19E-08	µCi/mL	GP	EPIA-005	
0	Thorium-228	6.19E-11±5.82E-11	U		9.33E-11	µCi/mL	GP	EPIA-012	
0	Thorium-230	7.85E-11±5.42E-11	U	V	5.91E-11	µCi/mL	GP	EPIA-012	
0	Thorium-232	1.56E-11±2.22E-11	U		2.35E-11	µCi/mL	GP	EPIA-012	
0	Tritium	1.17E-06±3.44E-07	J	I	5.24E-07	µCi/mL	GP	EPIA-002	
0	Uranium-233/234	8.04E-11±7.25E-11	J	I	4.82E-11	µCi/mL	GP	EPIA-011	
0	Uranium-235	0.00E+00±2.00E-09	U		4.84E-11	µCi/mL	GP	EPIA-011	
0	Uranium-238	6.05E-11±6.52E-11	U		8.49E-11	µCi/mL	GP	EPIA-011	
0	Yttrium-88	2.70E-09±1.95E-09	U		4.45E-09	µCi/mL	GP	EPIA-013	
0	Zinc-65	-7.01E-10±4.16E-09	U		6.55E-09	µCi/mL	GP	EPIA-013	

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
Depth to water: 55.46 ft (16.9 m) below TOC
Water elevation: 95.74 ft (29.18 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 3 gal

Time: 11:26
Water temperature: Not available
Air temperature: 24.2°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	Neptunium-237	0.00E+00±2.00E-09	U		7.03E-11	µCi/mL	GP	EPIA-032	
0	Technetium-99	-1.64E-09±9.01E-09	U		2.25E-08	µCi/mL	GP	EPIA-005	
0	Technetium-99	-1.64E-09±9.01E-09	U		2.25E-08	µCi/mL	GP	EPIA-005	

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
Depth to water: 55.46 ft (16.9 m) below TOC
Water elevation: 95.74 ft (29.18 m) msl
pH: 4.3
Sp. conductance: 95 µS/cm
Turbidity: 1 NTU

Time: 12:00
Water temperature: 22.4°C
Air temperature: 25.3°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	cis-1,2-Dichloroethylene	3.19		Y	1.00	µg/L	GE	EPA8260B	
2	Trichloroethylene	64.4		Y	1.00	µg/L	GE	EPA8260B	
0	Actinium-228	1.35E-08±1.47E-08	U		1.97E-08	µCi/mL	GP	EPIA-013	
0	Americium-241	2.67E-11±3.10E-11	U		2.67E-11	µCi/mL	GP	EPIA-011	
0	Antimony-125	-1.20E-09±6.88E-09	U		1.19E-08	µCi/mL	GP	EPIA-013	
0	Cerium-144	-1.72E-08±1.84E-08	U		2.96E-08	µCi/mL	GP	EPIA-013	
0	Cesium-134	-4.15E-09±2.68E-09	U		4.03E-09	µCi/mL	GP	EPIA-013	
0	Cesium-137	-6.01E-10±2.65E-09	U		4.52E-09	µCi/mL	GP	EPIA-013	
0	Cobalt-57	-1.96E-09±2.37E-09	U		3.86E-09	µCi/mL	GP	EPIA-013	
0	Cobalt-60	-9.92E-10±2.58E-09	U		4.46E-09	µCi/mL	GP	EPIA-013	
0	CS136	-6.62E-09±1.31E-08	U		2.26E-08	µCi/mL	GP	EPIA-013	
0	Curium-242	0.00E+00±2.00E-09	U		3.02E-11	µCi/mL	GP	EPIA-011	
0	Curium-243/244	-3.93E-12±2.32E-11	U		7.66E-11	µCi/mL	GP	EPIA-011	
0	Curium-245/246	7.24E-11±5.52E-11	R	4	3.10E-11	µCi/mL	GP	EPIA-011	
0	Europium-152	-1.71E-09±6.86E-09	U		1.19E-08	µCi/mL	GP	EPIA-013	
0	Europium-154	1.68E-09±6.28E-09	U		1.19E-08	µCi/mL	GP	EPIA-013	
0	Europium-155	7.96E-09±8.55E-09	U		1.57E-08	µCi/mL	GP	EPIA-013	
0	Gross alpha	5.83E-09±9.88E-10	U		4.76E-10	µCi/mL	GP	EPIA-001	
0	Iodine-129	2.70E-10±3.83E-10	U		1.01E-10	µCi/mL	GP	EPIA-006	
0	Lead-212	1.15E-08±4.80E-09	R	4	8.48E-09	µCi/mL	GP	EPIA-013	
0	Manganese-54	-1.50E-09±2.58E-09	U		4.22E-09	µCi/mL	GP	EPIA-013	
0	Neptunium-237	6.32E-11±7.31E-11	U		6.32E-11	µCi/mL	GP	EPIA-032	
0	Nonvolatile beta	4.67E-09±7.60E-10	U		1.06E-09	µCi/mL	GP	EPIA-001	
0	Plutonium-238	7.06E-11±1.16E-10	U		2.12E-10	µCi/mL	GP	EPIA-011	
0	Plutonium-239/240	4.01E-11±8.05E-11	U		1.20E-10	µCi/mL	GP	EPIA-011	

ESH-EMS-2000406

Well TBG 3 collected on 04/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Plutonium-244	-9.63E-12±1.93E-11	U		2.12E-10	µCi/mL	GP	EPIA-011	
0	Potassium-40	9.46E-08±4.57E-08	R	4	3.81E-08	µCi/mL	GP	EPIA-013	
0	Promethium-144	-1.29E-09±2.46E-09	U		4.08E-09	µCi/mL	GP	EPIA-013	
0	Promethium-146	-3.24E-10±3.19E-09	U		5.53E-09	µCi/mL	GP	EPIA-013	
0	Radium-226	8.62E-10±5.40E-10	J	I	6.64E-10	µCi/mL	GP	EPIA-008	
0	Radium-228	1.25E-09±6.95E-10	J	IK	1.24E-09	µCi/mL	GP	EPIA-009	
1	Radon-222	1.90E-07±5.37E-08			7.99E-08	µCi/mL	GP	EPIA-007	
1	Radon-222	1.55E-07±5.27E-08	J	I	8.06E-08	µCi/mL	GP	EPIA-007	
0	Ruthenium-106	-8.34E-09±2.23E-08	U		3.77E-08	µCi/mL	GP	EPIA-013	
0	Sodium-22	6.32E-10±2.27E-09	U		4.29E-09	µCi/mL	GP	EPIA-013	
0	Strontium-90	8.09E-11±3.15E-10	U		7.10E-10	µCi/mL	GP	EPIA-004	
0	Technetium-99	-1.64E-09±9.01E-09	U		2.25E-08	µCi/mL	GP	EPIA-005	
0	Technetium-99	-5.19E-09±9.00E-09	U		2.33E-08	µCi/mL	GP	EPIA-005	
0	Technetium-99	-1.64E-09±9.01E-09	U		2.25E-08	µCi/mL	GP	EPIA-005	
0	Thorium-228	8.09E-11±7.99E-11	U		1.38E-10	µCi/mL	GP	EPIA-012	
0	Thorium-230	5.10E-11±5.07E-11	U		7.93E-11	µCi/mL	GP	EPIA-012	
0	Thorium-232	8.39E-12±1.68E-11	U		2.52E-11	µCi/mL	GP	EPIA-012	
0	Tritium	3.09E-07±3.72E-07	U		6.25E-07	µCi/mL	GP	EPIA-002	
0	Tritium	-2.48E-08±3.64E-07	U		6.37E-07	µCi/mL	GP	EPIA-002	
0	Uranium-233/234	1.23E-10±1.06E-10	U		1.36E-10	µCi/mL	GP	EPIA-011	
0	Uranium-235	0.00E+00±2.00E-09	U		5.90E-11	µCi/mL	GP	EPIA-011	
0	Uranium-238	8.86E-11±8.93E-11	U		1.22E-10	µCi/mL	GP	EPIA-011	
0	Yttrium-88	1.97E-09±3.15E-09	U		3.64E-09	µCi/mL	GP	EPIA-013	
0	Zinc-65	-4.06E-09±4.95E-09	U		8.20E-09	µCi/mL	GP	EPIA-013	

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
Depth to water: 52.08 ft (15.87 m) below TOC
Water elevation: 99.22 ft (30.24 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 14 gal

Time: 11:46
Water temperature: Not available
Air temperature: 22.9°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	Plutonium-238	3.23E-11±6.47E-11	U		9.68E-11	µCi/mL	GP	EPIA-011	
0	Plutonium-239/240	0.00E+00±2.01E-09	U		9.67E-11	µCi/mL	GP	EPIA-011	
0	Plutonium-244	-7.74E-12±1.55E-11	U		1.70E-10	µCi/mL	GP	EPIA-011	

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
Depth to water: 52.08 ft (15.87 m) below TOC
Water elevation: 99.22 ft (30.24 m) msl
pH: 3.9
Sp. conductance: 29 µS/cm
Turbidity: 13 NTU

Time: 12:24
Water temperature: 24.1°C
Air temperature: 26.6°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	cis-1,2-Dichloroethylene	34.7		Y	5.00	µg/L	GE	EPA8260B	
2	Trichloroethylene	165		Y	5.00	µg/L	GE	EPA8260B	
0	Actinium-228	9.43E-09±1.37E-08	U		1.27E-08	µCi/mL	GP	EPIA-013	
0	Americium-241	8.04E-12±1.61E-11	U		2.41E-11	µCi/mL	GP	EPIA-011	
0	Antimony-125	-1.55E-09±4.17E-09	U		7.32E-09	µCi/mL	GP	EPIA-013	
0	Cerium-144	8.91E-11±1.23E-08	U		2.13E-08	µCi/mL	GP	EPIA-013	
0	Cesium-134	-1.56E-09±1.80E-09	U		2.50E-09	µCi/mL	GP	EPIA-013	
0	Cesium-137	1.62E-09±2.04E-09	U		3.77E-09	µCi/mL	GP	EPIA-013	
0	Cobalt-57	9.77E-11±1.54E-09	U		2.69E-09	µCi/mL	GP	EPIA-013	
0	Cobalt-60	8.27E-10±1.64E-09	U		3.25E-09	µCi/mL	GP	EPIA-013	
0	CS136	9.93E-09±9.29E-09	U		1.90E-08	µCi/mL	GP	EPIA-013	
0	Curium-242	0.00E+00±2.00E-09	U		2.72E-11	µCi/mL	GP	EPIA-011	
0	Curium-243/244	1.61E-11±2.29E-11	U		2.42E-11	µCi/mL	GP	EPIA-011	
0	Curium-245/246	1.31E-10±7.11E-11	R	4	2.80E-11	µCi/mL	GP	EPIA-011	
0	Europium-152	2.37E-09±4.84E-09	U		8.43E-09	µCi/mL	GP	EPIA-013	
0	Europium-154	7.73E-10±4.49E-09	U		8.54E-09	µCi/mL	GP	EPIA-013	
0	Europium-155	5.06E-09±6.22E-09	U		1.12E-08	µCi/mL	GP	EPIA-013	
2	Gross alpha	2.96E-08±2.44E-09			6.66E-10	µCi/mL	GP	EPIA-001	

B-237

Second Quarter 2000

Well TBG 4 collected on 04/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Iodine-129	-2.62E-10±5.69E-10	U			9.78E-10	µCi/mL	GP	EPIA-006
0	Lead-212	1.61E-09±4.60E-09	U			6.27E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	7.64E-10±1.83E-09	U			3.32E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	2.09E-11±4.18E-11	U			6.26E-11	µCi/mL	GP	EPIA-032
0	Nonvolatile beta	2.46E-08±1.48E-09				1.10E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	0.00E+00±2.00E-09	U			8.52E-11	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	5.68E-11±8.07E-11	U			8.51E-11	µCi/mL	GP	EPIA-011
0	Plutonium-244	-1.36E-11±1.94E-11	U			1.77E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	2.39E-08±2.06E-08	U			4.15E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.88E-10±1.65E-09	U			2.87E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.61E-10±2.03E-09	U			3.66E-09	µCi/mL	GP	EPIA-013
0	Radium-226	9.92E-10±5.20E-10	J	I		1.92E-10	µCi/mL	GP	EPIA-008
1	Radium-228	3.71E-09±8.64E-10	J	K	C	1.40E-09	µCi/mL	GP	EPIA-009
2	Radon-222	1.45E-06±8.96E-08	U			7.96E-08	µCi/mL	GP	EPIA-007
0	Ruthenium-106	-8.13E-09±1.46E-08	U			2.46E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	2.69E-10±1.62E-09	U			3.08E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-3.47E-11±3.49E-10	U			8.12E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	1.62E-08±1.19E-08	U			2.55E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	2.47E-10±1.35E-10	J	I		1.93E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.70E-11±4.32E-11	U			6.93E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	4.77E-12±2.03E-11	U			5.70E-11	µCi/mL	GP	EPIA-012
0	Tritium	1.03E-07±3.59E-07	U			6.18E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	7.59E-10±2.34E-10	U			4.65E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	3.11E-11±4.41E-11	U			4.66E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	4.65E-10±1.78E-10	U			4.65E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	9.96E-10±2.04E-09	U			4.20E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-6.38E-10±3.73E-09	U			6.73E-09	µCi/mL	GP	EPIA-013

WELL TBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 51.51 ft (15.7 m) below TOC
 Water elevation: 97.89 ft (29.84 m) msl
 pH: 4.7
 Sp. conductance: 67 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 13:16
 Water temperature: 25.8°C
 Air temperature: 24°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	cis-1,2-Dichloroethylene	7.08	J	K	O	1.00	µg/L	GE	EPA8260B
0	cis-1,2-Dichloroethylene	6.13	J	IK	O	20.0	µg/L	GE	EPA8260B
2	Trichloroethylene	1.140	J	K	O	20.0	µg/L	GE	EPA8260B
0	Gross alpha	1.14E-09±7.28E-10	J	I		1.09E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	1.12E-09±6.96E-10	J	I		1.01E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.98E-09±9.28E-10	J	I		1.52E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.36E-09±8.33E-10	J	I		1.40E-09	µCi/mL	GP	EPIA-001

WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 51.62 ft (15.73 m) below TOC
 Water elevation: 98.38 ft (29.99 m) msl
 pH: 5.5
 Sp. conductance: 28 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 99 gal

Time: 11:45
 Water temperature: 21°C
 Air temperature: 21.3°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	cis-1,2-Dichloroethylene	<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	Gross alpha	1.32E-09±7.43E-10	J	I		1.03E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.18E-09±7.50E-10	U			1.49E-09	µCi/mL	GP	EPIA-001

WELL TBG 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 39.16 ft (11.94 m) below TOC
 Water elevation: 110.24 ft (33.6 m) msl
 pH: 5.2
 Sp. conductance: 34 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 135 gal

Time: 12:15
 Water temperature: 21.1°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Gross alpha	3.10E-10±3.89E-10	U			7.24E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.91E-09±7.86E-10	J	I		1.39E-09	µCi/mL	GP	EPIA-001

WELL TBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/02/00
 Depth to water: 51.23 ft (15.62 m) below TOC
 Water elevation: 96.87 ft (29.53 m) msl
 pH: 5.5
 Sp. conductance: 97 µS/cm
 Turbidity: 11 NTU
 Water evacuated from the well prior to sampling: 15 gal

Time: 10:12
 Water temperature: 25.1°C
 Air temperature: 30.2°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	45.5	J	K	O	1.00	µg/L	GE	EPA8260B
0	Actinium-228	7.52E-09±5.12E-09	U			9.97E-09	µCi/mL	GP	EPIA-013
0	Actinium-228	8.00E-09±5.44E-09	U			1.05E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-6.20E-10±3.93E-09	U			6.53E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	2.84E-09±6.99E-09	U			6.93E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-4.48E-09±8.82E-09	U			1.50E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.61E-09±8.91E-09	U			1.53E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-5.60E-10±1.53E-09	U			2.30E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	4.23E-10±1.40E-09	U			2.26E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	5.29E-11±1.37E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.04E-10±1.34E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.18E-10±1.16E-09	U			2.06E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4.55E-10±1.15E-09	U			1.98E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-8.42E-11±1.45E-09	U			2.64E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.09E-09±1.23E-09	U			2.03E-09	µCi/mL	GP	EPIA-013
0	CS136	-1.60E-09±4.66E-09	U			7.89E-09	µCi/mL	GP	EPIA-013
0	CS136	2.08E-09±3.71E-09	U			7.07E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.01E-09	U			1.47E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.09E-11±2.20E-11	U			2.41E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	5.29E-11±1.06E-10	U			1.59E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-1.03E-09±4.16E-09	U			6.92E-09	µCi/mL	GP	EPIA-013
0	Europium-152	2.85E-09±4.80E-09	U			6.66E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.15E-09±3.30E-09	U			5.66E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.08E-09±3.38E-09	U			5.23E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.52E-09±4.83E-09	U			8.59E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.56E-09±4.78E-09	U			8.61E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	3.86E-09±9.72E-10	U			7.12E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	3.95E-09±9.77E-10	U			6.59E-10	µCi/mL	GP	EPIA-001
0	Lead-212	1.51E-09±3.93E-09	U			4.39E-09	µCi/mL	GP	EPIA-013
0	Lead-212	2.12E-09±4.21E-09	U			3.82E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.11E-10±1.19E-09	U			2.07E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.37E-10±1.50E-09	U			2.68E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.61E-09±7.87E-10	J	I		1.26E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.65E-09±8.03E-10	J	I		1.32E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	2.50E-08±2.61E-08	U			2.35E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	1.79E-08±2.70E-08	U			2.68E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	3.76E-11±1.25E-09	U			2.23E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-4.65E-10±1.46E-09	U			2.20E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	9.86E-10±1.83E-09	U			3.19E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.27E-10±1.75E-09	U			2.93E-09	µCi/mL	GP	EPIA-013
0	Radium-226	6.64E-10±5.20E-10	U			7.15E-10	µCi/mL	GP	EPIA-008
0	Radium-226	8.06E-10±5.59E-10	J	I		7.25E-10	µCi/mL	GP	EPIA-008
0	Radium-226	6.64E-10±5.20E-10	U			7.15E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-8.00E-12±4.39E-10	U			9.96E-10	µCi/mL	GP	EPIA-009

Well TBG 6 collected on 06/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ruthenium-106	2.77E-09±1.26E-08	U			2.29E-08	µCi/mL	GP	EPIA-013
1	Ruthenium-106	2.83E-08±3.76E-08	R		4	2.20E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-3.84E-10±1.21E-09	U			1.88E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-7.64E-10±1.18E-09	U			2.04E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.95E-10±2.98E-10	U			6.04E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-5.87E-10±5.96E-09	U			1.46E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	-4.62E-09±6.01E-09	U			1.54E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-6.16E-12±9.92E-11	U			2.15E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	5.94E-11±9.71E-11	U			1.88E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.02E-10±6.12E-11	J	I		5.14E-11	µCi/mL	GP	EPIA-012
0	Thorium-230	3.94E-11±4.07E-11	U			6.06E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	2.03E-11±2.96E-11	U			5.14E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	-3.99E-12±7.99E-12	U			4.98E-11	µCi/mL	GP	EPIA-012
0	Tritium	1.58E-06±4.31E-07	U			6.26E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.95E-10±2.06E-10	U	V		1.78E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	2.18E-10±1.80E-10	U	V		1.09E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	5.95E-11±9.72E-11	U			1.78E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.82E-10±1.65E-10	R		4	1.09E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	5.52E-11±1.06E-10	U			2.26E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	1.94E-10±1.68E-10	J	I		1.78E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	2.94E-09±2.23E-09	U			3.20E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.64E-10±1.61E-09	U			3.02E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.25E-10±2.91E-09	U			4.52E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.17E-09±2.66E-09	U			4.44E-09	µCi/mL	GP	EPIA-013

WELL TCM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 7.8 ft (2.38 m) below TOC
 Water elevation: Not available
 pH: 5.1
 Sp. conductance: 66 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 10 gal

Time: 14:49
 Water temperature: 19.4°C
 Air temperature: 27.7°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	Gross alpha	8.53E-10±6.74E-10	U			9.52E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.06E-09±7.77E-10	U			1.58E-09	µCi/mL	GP	EPIA-001

WELL TCM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/00
 Depth to water: 7.31 ft (2.23 m) below TOC
 Water elevation: Not available
 pH: 5.6
 Sp. conductance: 157 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 27 gal

Time: 13:01
 Water temperature: 20.2°C
 Air temperature: 30.7°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	cis-1,2-Dichloroethylene	0.720	J	ILY	O	1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	31.0	J	K	O	1.00	µg/L	GE	EPA8260B
0	Actinium-228	5.17E-09±7.99E-09	U			1.24E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-4.02E-09±4.43E-09	U			6.87E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-8.36E-12±1.02E-08	U			1.79E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	6.76E-10±1.60E-09	U			2.66E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	6.07E-10±1.63E-09	U			3.03E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.48E-09±1.50E-09	U			2.22E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-1.93E-10±1.46E-09	U			2.71E-09	µCi/mL	GP	EPIA-013
0	CS136	-3.59E-09±5.20E-09	U			8.43E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			7.19E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	4.60E-10±2.10E-10	J	I		1.58E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.41E-11±4.84E-11	U			7.24E-11	µCi/mL	GP	EPIA-011
0	Europium-152	2.05E-09±4.44E-09	U			7.81E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.67E-09±5.33E-09	U			8.03E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-2.09E-09±5.61E-09	U			9.75E-09	µCi/mL	GP	EPIA-013
1	Gross alpha	1.12E-08±1.20E-09	U			4.85E-10	µCi/mL	GP	EPIA-001
0	Lead-212	2.58E-09±4.89E-09	U			4.30E-09	µCi/mL	GP	EPIA-013

ESH-EMS-2000406

Well TCM 2 collected on 05/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Manganese-54	-7.96E-10±1.55E-09	U			2.62E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	8.57E-09±8.34E-10	U			8.58E-10	µCi/mL	GP	EPIA-001
0	Potassium-40	7.92E-09±2.47E-08	U			3.05E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	6.19E-10±1.25E-09	U			2.38E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-2.01E-09±1.92E-09	U			2.89E-09	µCi/mL	GP	EPIA-013
0	Radium-226	9.31E-10±6.42E-10	J	I		7.86E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.36E-11±3.44E-10	U			7.19E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	6.53E-09±1.37E-08	U			2.57E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	9.56E-10±1.91E-09	U			2.60E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	3.56E-11±3.26E-10	U			7.48E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	2.03E-08±1.36E-08	U			2.85E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	1.24E-10±2.94E-10	U			6.03E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.40E-10±2.42E-10	U			4.77E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	7.05E-11±1.33E-10	U			2.72E-10	µCi/mL	GP	EPIA-012
0	Tritium	3.30E-06±4.76E-07	U			6.10E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.09E-09±1.77E-09	U			8.96E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.42E-09±7.98E-10	J	I		6.92E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	6.23E-09±1.78E-09	U			5.24E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	4.62E-10±1.84E-09	U			3.61E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-8.22E-10±3.05E-09	U			4.54E-09	µCi/mL	GP	EPIA-013

WELL TCM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/00
 Depth to water: 7.7 ft (2.35 m) below TOC
 Water elevation: Not available
 pH: 5.9
 Sp. conductance: 222 µS/cm
 Turbidity: 37 NTU
 Water evacuated from the well prior to sampling: 15 gal

Time: 13:59
 Water temperature: 24.2°C
 Air temperature: 32.4°C
 Total alkalinity (as CaCO₃): 15 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Actinium-228	5.35E-09±5.89E-09	U			1.11E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	3.14E-09±4.24E-09	U			7.93E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	3.18E-09±1.14E-08	U			1.81E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.45E-10±1.45E-09	U			2.42E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-2.21E-11±1.66E-09	U			2.58E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	9.49E-10±1.40E-09	U			2.49E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.11E-09±1.74E-09	U			3.39E-09	µCi/mL	GP	EPIA-013
0	CS136	-1.27E-09±4.72E-09	U			8.49E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			7.84E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	-5.61E-12±1.12E-11	U			1.23E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.00E+00±2.00E-09	U			8.13E-11	µCi/mL	GP	EPIA-011
0	Europium-152	3.16E-10±4.76E-09	U			8.01E-09	µCi/mL	GP	EPIA-013
0	Europium-154	8.73E-10±4.95E-09	U			8.16E-09	µCi/mL	GP	EPIA-013
0	Europium-155	5.52E-09±5.79E-09	U			1.05E-08	µCi/mL	GP	EPIA-013
2	Gross alpha	3.20E-08±3.91E-09	U			1.12E-09	µCi/mL	GP	EPIA-001
0	Lead-212	5.45E-09±5.73E-09	U			5.58E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	7.74E-10±1.62E-09	U			2.95E-09	µCi/mL	GP	EPIA-013
1	Nonvolatile beta	3.08E-08±2.35E-09	U			1.66E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.13E-08±1.77E-08	U			3.78E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	4.45E-10±1.54E-09	U			2.47E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.93E-09±1.97E-09	U			3.73E-09	µCi/mL	GP	EPIA-013
0	Radium-226	7.81E-10±6.58E-10	U			9.35E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.75E-10±6.00E-10	U			1.21E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	2.82E-09±1.27E-08	U			2.31E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	3.22E-10±1.78E-09	U			2.93E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	3.01E-10±3.17E-10	U			6.52E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	1.94E-08±1.20E-08	U			2.48E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.90E-10±4.52E-10	U			7.68E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.05E-09±4.64E-10	J	I		1.32E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	1.32E-10±1.54E-10	U			1.32E-10	µCi/mL	GP	EPIA-012
0	Tritium	2.45E-06±4.56E-07	U			6.25E-07	µCi/mL	GP	EPIA-002
2	Uranium-233/234	1.63E-08±3.35E-09	U			8.12E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.26E-09±7.48E-10	J	I		6.26E-10	µCi/mL	GP	EPIA-011
2	Uranium-238	1.57E-08±3.25E-09	U			6.97E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-7.42E-10±1.78E-09	U			3.19E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	2.61E-09±3.79E-09	U			6.63E-09	µCi/mL	GP	EPIA-013

B-239

Second Quarter 2000

WELL TCM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 7.9 ft (2.41 m) below TOC
 Water elevation: Not available
 pH: 5.6
 Sp. conductance: 184 µS/cm
 Turbidity: 17 NTU
 Water evacuated from the well prior to sampling: 18 gal

Time: 14:10
 Water temperature: 18.1°C
 Air temperature: 26.9°C
 Total alkalinity (as CaCO₃): 14 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Gross alpha	2.37E-08±3.76E-09			1.63E-09	µCi/mL	GP	EPIA-001	
2	Gross alpha	2.43E-08±3.79E-09			1.86E-09	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	1.63E-08±1.88E-09			1.76E-09	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	1.64E-08±1.88E-09			1.88E-09	µCi/mL	GP	EPIA-001	

WELL TCM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 8.1 ft (2.47 m) below TOC
 Water elevation: Not available
 pH: 5.5
 Sp. conductance: 166 µS/cm
 Turbidity: 20 NTU
 Water evacuated from the well prior to sampling: 24 gal

Time: 14:18
 Water temperature: 18.2°C
 Air temperature: 27.5°C
 Total alkalinity (as CaCO₃): 4 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Gross alpha	2.00E-08±3.28E-09			1.72E-09	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	1.67E-08±1.84E-09			1.69E-09	µCi/mL	GP	EPIA-001	

WELL TIR 1L

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 10.24 ft (3.12 m) below TOC
 Water elevation: 91.46 ft (27.88 m) msl
 pH: 4.8
 Sp. conductance: 103 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 9 gal

Time: 12:18
 Water temperature: 20.4°C
 Air temperature: 24.3°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	Gross alpha	9.14E-10±7.00E-10	U		9.97E-10	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	2.47E-09±8.82E-10	J	I	1.49E-09	µCi/mL	GP	EPIA-001	

WELL TIR 1M

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 7.94 ft (2.42 m) below TOC
 Water elevation: 93.76 ft (28.58 m) msl
 pH: 4.8
 Sp. conductance: 95 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 11:52
 Water temperature: 17.9°C
 Air temperature: 23.2°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	Gross alpha	1.02E-09±7.73E-10	U		1.25E-09	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	1.70E-09±8.02E-10	J	I	1.47E-09	µCi/mL	GP	EPIA-001	

WELL TIR 1U

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/00
 Depth to water: 10.09 ft (3.08 m) below TOC
 Water elevation: 91.51 ft (27.89 m) msl
 pH: 5.1
 Sp. conductance: 117 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 4 gal

Time: 9:56
 Water temperature: 21°C
 Air temperature: 25.4°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	Actinium-228	7.47E-09±5.58E-09	U		1.10E-08	µCi/mL	GP	EPIA-013	
0	Antimony-125	2.04E-10±4.22E-09	U		7.16E-09	µCi/mL	GP	EPIA-013	
0	Cerium-144	5.57E-09±9.86E-09	U		1.77E-08	µCi/mL	GP	EPIA-013	
0	Cesium-134	-1.06E-10±1.40E-09	U		2.50E-09	µCi/mL	GP	EPIA-013	
0	Cesium-137	-5.55E-10±1.41E-09	U		2.45E-09	µCi/mL	GP	EPIA-013	
0	Cobalt-57	-1.40E-10±1.23E-09	U		2.16E-09	µCi/mL	GP	EPIA-013	
0	Cobalt-60	3.13E-10±1.62E-09	U		3.08E-09	µCi/mL	GP	EPIA-013	
0	CS136	9.93E-10±4.89E-09	U		8.95E-09	µCi/mL	GP	EPIA-013	
0	Curium-242	2.49E-11±4.98E-11	U		7.46E-11	µCi/mL	GP	EPIA-011	
0	Curium-243/244	1.69E-11±4.58E-11	U		1.17E-10	µCi/mL	GP	EPIA-011	
0	Curium-245/246	2.58E-11±5.17E-11	U		7.73E-11	µCi/mL	GP	EPIA-011	
0	Europium-152	1.24E-09±4.17E-09	U		7.27E-09	µCi/mL	GP	EPIA-013	
0	Europium-154	1.08E-10±4.69E-09	U		7.70E-09	µCi/mL	GP	EPIA-013	
0	Europium-155	-3.43E-09±5.34E-09	U		9.21E-09	µCi/mL	GP	EPIA-013	
0	Gross alpha	7.01E-09±1.66E-09			1.24E-09	µCi/mL	GP	EPIA-001	
0	Lead-212	2.05E-09±4.74E-09	U		5.59E-09	µCi/mL	GP	EPIA-013	
0	Manganese-54	5.12E-10±1.32E-09	U		2.47E-09	µCi/mL	GP	EPIA-013	
0	Nonvolatile beta	4.30E-09±1.05E-09			1.55E-09	µCi/mL	GP	EPIA-001	
0	Potassium-40	1.07E-08±2.84E-08	U		2.50E-08	µCi/mL	GP	EPIA-013	
0	Promethium-144	-7.86E-10±1.33E-09	U		2.25E-09	µCi/mL	GP	EPIA-013	
0	Promethium-146	1.78E-09±1.92E-09	U		3.48E-09	µCi/mL	GP	EPIA-013	
0	Radium-226	7.09E-10±4.91E-10	J	I	2.40E-10	µCi/mL	GP	EPIA-008	
0	Radium-226	6.21E-10±5.76E-10	U		8.24E-10	µCi/mL	GP	EPIA-008	
0	Radium-228	-1.75E-11±4.28E-10	U		9.10E-10	µCi/mL	GP	EPIA-009	
0	Ruthenium-106	-2.29E-09±1.26E-08	U		2.24E-08	µCi/mL	GP	EPIA-013	
0	Sodium-22	3.88E-11±1.68E-09	U		2.76E-09	µCi/mL	GP	EPIA-013	
0	Strontium-90	-1.51E-10±3.00E-10	U		7.34E-10	µCi/mL	GP	EPIA-004	
0	Technetium-99	1.75E-08±1.39E-08	U		2.97E-08	µCi/mL	GP	EPIA-005	
0	Technetium-99	1.20E-08±1.15E-08	U		2.53E-08	µCi/mL	GP	EPIA-005	
0	Thorium-228	1.27E-10±3.14E-10	U		6.51E-10	µCi/mL	GP	EPIA-012	
0	Thorium-230	2.55E-10±1.97E-10	R		1.09E-10	µCi/mL	GP	EPIA-012	
0	Thorium-232	0.00E+00±2.00E-09	U	4	1.09E-10	µCi/mL	GP	EPIA-012	
0	Tritium	1.89E-06±4.33E-07			6.21E-07	µCi/mL	GP	EPIA-002	
0	Uranium-233/234	4.10E-09±1.35E-09			7.40E-10	µCi/mL	GP	EPIA-011	
0	Uranium-235	3.74E-10±4.69E-10	U		8.67E-10	µCi/mL	GP	EPIA-011	
0	Uranium-238	3.26E-09±1.23E-09	J	I	1.05E-09	µCi/mL	GP	EPIA-011	
0	Yttrium-88	1.27E-10±1.64E-09	U		3.14E-09	µCi/mL	GP	EPIA-013	
0	Zinc-65	-1.12E-09±2.92E-09	U		4.94E-09	µCi/mL	GP	EPIA-013	

WELL TIR 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 Depth to water: 10.11 ft (3.08 m) below TOC
 Water elevation: 91.19 ft (27.8 m) msl
 pH: 5.8
 Sp. conductance: 96 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 11:31
 Water temperature: 18.9°C
 Air temperature: 24.5°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	Gross alpha	7.03E-10±4.95E-10	U		7.63E-10	µCi/mL	GP	EPIA-001	
0	Nonvolatile beta	8.24E-10±6.17E-10	U		1.26E-09	µCi/mL	GP	EPIA-001	

WELL TIR 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/00
 Depth to water: 7.71 ft (2.35 m) below TOC
 Water elevation: 92.89 ft (28.31 m) msl
 pH: 4.6
 Sp. conductance: 144 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 5 gal

Time: 15:51
 Water temperature: 23°C
 Air temperature: 27.5°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	cis-1,2-Dichloroethylene	0.710	J	IL	O	1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	69.8	J	L	IO	1.00	µg/L	GE	EPA8260B
0	Actinium-228	3.97E-09±9.41E-09	U			1.23E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	8.77E-09±8.88E-09	U			1.58E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	7.02E-10±4.44E-09	U			8.06E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	4.85E-09±4.19E-09	U			8.37E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	4.36E-09±1.14E-08	U			2.00E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	3.21E-09±1.26E-08	U			2.26E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.90E-10±1.68E-09	U			2.57E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	5.80E-10±1.79E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.76E-09±1.77E-09	U			3.37E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-2.58E-10±1.97E-09	U			3.55E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.35E-11±1.52E-09	U			2.65E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-1.12E-09±1.61E-09	U			2.73E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.36E-09±2.31E-09	U			2.53E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.71E-10±1.83E-09	U			3.36E-09	µCi/mL	GP	EPIA-013
0	CS136	-5.23E-09±5.42E-09	U			8.89E-09	µCi/mL	GP	EPIA-013
0	CS136	3.11E-09±5.69E-09	U			1.14E-08	µCi/mL	GP	EPIA-013
0	Curium-242	1.89E-11±5.11E-11	U			1.31E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	4.40E-11±7.78E-11	U			1.63E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.00E+00±2.00E-09	U			7.49E-11	µCi/mL	GP	EPIA-011
0	Europium-152	8.39E-10±4.81E-09	U			8.20E-09	µCi/mL	GP	EPIA-013
0	Europium-152	4.93E-10±5.51E-09	U			9.58E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.61E-09±4.48E-09	U			7.64E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.82E-09±4.03E-09	U			7.34E-09	µCi/mL	GP	EPIA-013
0	Europium-155	7.88E-09±7.92E-09	U			1.08E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-4.21E-09±6.91E-09	U			1.19E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	3.98E-09±1.11E-09	U			7.97E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	4.55E-09±7.56E-10	U			7.51E-10	µCi/mL	GP	EPIA-001
0	Lead-212	1.89E-09±4.90E-09	U			5.88E-09	µCi/mL	GP	EPIA-013
0	Lead-212	2.77E-09±4.58E-09	U			6.76E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-9.90E-10±1.63E-09	U			2.67E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	3.21E-10±1.87E-09	U			3.48E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.21E-09±1.02E-09	J	I		1.66E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.85E-09±5.83E-10	J	I		1.01E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	1.93E-08±2.43E-08	U			2.98E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	1.82E-08±3.50E-08	U			3.83E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.92E-10±1.58E-09	U			2.77E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	-2.13E-09±1.86E-09	U			2.89E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-4.28E-10±2.04E-09	U			3.61E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	5.69E-11±2.59E-09	U			4.45E-09	µCi/mL	GP	EPIA-013
0	Radium-226	7.51E-10±6.34E-10	U			9.00E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.17E-10±3.51E-10	U			6.91E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.17E-09±1.35E-08	U			2.44E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	2.12E-09±1.86E-08	U			3.43E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-9.45E-10±1.60E-09	U			2.74E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	-6.52E-10±1.44E-09	U			2.63E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.06E-10±3.21E-10	U			6.93E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	1.56E-08±1.07E-08	U			2.26E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	5.55E-11±3.07E-10	U			6.80E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	1.54E-10±5.22E-10	U			1.06E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	5.57E-10±3.10E-10	R		4	1.19E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.87E-11±1.93E-10	U			4.71E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	7.95E-11±1.13E-10	U			1.19E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	4.01E-11±8.05E-11	U			1.20E-10	µCi/mL	GP	EPIA-012
0	Tritium	1.92E-06±4.20E-07	U			5.97E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	3.33E-09±1.20E-09	U			4.92E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	3.50E-09±1.21E-09	U			7.41E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	7.26E-10±5.39E-10	J	I		4.93E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	3.50E-10±3.99E-10	U			6.55E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	3.05E-09±1.14E-09	U			4.92E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.72E-09±1.04E-09	U			5.37E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	6.92E-11±2.44E-09	U			4.03E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	3.04E-10±2.26E-09	U			4.50E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	3.10E-09±2.57E-09	U			5.51E-09	µCi/mL	GP	EPIA-013

Well TIR 3B collected on 05/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Zinc-65	1.00E-09±2.95E-09	U			5.46E-09	µCi/mL	GP	EPIA-013

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 60.53 ft (18.45 m) below TOC
 Water elevation: 94.57 ft (28.83 m) msl
 pH: 6.1
 Sp. conductance: 49 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 26 gal

Time: 9:50
 Water temperature: 20.1°C
 Air temperature: 14.6°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
0	cis-1,2-Dichloroethylene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	JU	Q		1.00	µg/L	GE	EPA8260B
0	Gross alpha	7.41E-10±6.38E-10	U			1.10E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.57E-09±9.12E-10	J	I		1.58E-09	µCi/mL	GP	EPIA-001

WELL TNX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 54.49 ft (16.61 m) below TOC
 Water elevation: 99.81 ft (30.42 m) msl
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 4 gal

Time: 13:41
 Water temperature: Not available
 Air temperature: 22.2°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	cis-1,2-Dichloroethylene	9.22	J	Q		1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	72.0	J	KQ	I	1.00	µg/L	GE	EPA8260B
0	Actinium-228	8.24E-09±8.72E-09	U			1.60E-08	µCi/mL	GP	EPIA-013
0	Americium-241	0.00E+00±2.00E-09	U			3.17E-11	µCi/mL	GP	EPIA-011
0	Antimony-125	-1.16E-09±5.29E-09	U			9.32E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-6.36E-09±1.23E-08	U			2.07E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-4.41E-10±2.02E-09	U			3.49E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	3.27E-09±2.14E-09	U			4.10E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.86E-10±1.51E-09	U			2.64E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.99E-09±2.20E-09	U			4.38E-09	µCi/mL	GP	EPIA-013
0	CS136	1.17E-08±1.37E-08	U			2.41E-08	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			3.60E-11	µCi/mL	GP	EPIA-011
0	Curium-242	8.87E-12±1.78E-11	U			2.66E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	0.00E+00±2.00E-09	U			3.18E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.14E-13±1.89E-11	U			5.92E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.45E-11±3.48E-11	U			3.68E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.91E-10±8.55E-11	R		4	2.72E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-2.72E-09±5.92E-09	U			9.61E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.80E-09±5.74E-09	U			1.00E-08	µCi/mL	GP	EPIA-013
0	Europium-155	-2.85E-09±6.06E-09	U			1.03E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	2.92E-09±1.54E-09	J	I		1.73E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	2.95E-09±7.71E-10	U			7.59E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.92E-09±1.54E-09	R	I		1.73E-09	µCi/mL	GP	EPIA-001
0	Lead-212	8.60E-09±3.67E-09	J		4	6.59E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-3.75E-10±2.22E-09	U			3.82E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.62E-09±1.89E-09	U			3.89E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.22E-09±8.49E-10	U			1.39E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.62E-09±1.89E-09	U			3.89E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.77E-08±4.79E-08	U			3.96E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-1.42E-09±2.14E-09	U			3.55E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.22E-09±2.46E-09	U			4.25E-09	µCi/mL	GP	EPIA-013
0	Radium-226	6.37E-10±5.37E-10	U			7.63E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.37E-10±5.43E-10	U			1.09E-09	µCi/mL	GP	EPIA-009
0	Radium-228	-2.21E-10±5.84E-10	U			1.27E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-2.35E-09±1.94E-08	U			3.38E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-9.97E-10±2.08E-09	U			3.62E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.10E-11±3.01E-10	U			6.95E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-1.05E-08±1.07E-08	U			2.84E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	-1.31E-08±9.16E-09	U			2.54E-08	µCi/mL	GP	EPIA-005

Well TNX 3D collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Thorium-228	1.08E-10±8.43E-11	U			1.32E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	8.39E-11±7.67E-11	U			1.29E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.58E-11±3.60E-11	U			6.40E-11	µCi/mL	GP	EPIA-012
0	Thorium-230	9.45E-11±5.92E-11	U	V		5.93E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	0.00E+00±2.00E-09	U			2.54E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	2.76E-11±3.25E-11	U			4.88E-11	µCi/mL	GP	EPIA-012
0	Tritium	1.70E-06±3.58E-07				5.19E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.07E-10±1.25E-10	J	I		9.31E-11	µCi/mL	GP	EPIA-011
0	Uranium-233/234	3.62E-10±1.66E-10	J	I		1.34E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-4.25E-12±8.51E-12	U			9.34E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	2.93E-11±4.79E-11	U			8.79E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.12E-10±1.25E-10	J	I		5.29E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	1.91E-10±1.18E-10	J	I		1.03E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.14E-09±2.97E-09	U			5.65E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.62E-09±4.25E-09	U			7.54E-09	µCi/mL	GP	EPIA-013

WELL TNX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5
 Sp. conductance: 66 µS/cm
 Turbidity: 48 NTU
 Water evacuated from the well prior to sampling: 5 gal

Time: 12:35
 Water temperature: 20.8°C
 Air temperature: 21.2°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
1	Trichloroethylene	2.50				1.00	µg/L	GE	EPA8260B
0	Actinium-228	5.08E-09±6.26E-09	U			1.20E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-3.75E-09±4.63E-09	U			7.67E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.29E-08±1.37E-08	U			1.95E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-2.03E-09±1.62E-09	U			2.49E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.18E-09±3.28E-09	U			3.00E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	8.51E-10±1.79E-09	U			2.80E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	7.68E-11±1.81E-09	U			3.27E-09	µCi/mL	GP	EPIA-013
0	CS136	-1.23E-09±1.06E-08	U			1.88E-08	µCi/mL	GP	EPIA-013
0	Curium-242	8.83E-12±1.77E-11	U			2.65E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.56E-11±2.21E-11	U			2.34E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	8.13E-11±5.48E-11	R		4	2.71E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-1.60E-09±4.72E-09	U			8.18E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-3.68E-09±4.61E-09	U			7.38E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.33E-09±7.05E-09	U			1.07E-08	µCi/mL	GP	EPIA-013
1	Gross alpha	1.04E-08±1.68E-09	J	L	I	1.17E-09	µCi/mL	GP	EPIA-001
0	Lead-212	3.16E-09±4.65E-09	U			6.13E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-7.74E-10±1.70E-09	U			2.95E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	7.07E-09±1.09E-09	U			1.41E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	4.65E-08±2.50E-08	R		4	3.04E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	2.62E-10±1.79E-09	U			3.10E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-6.74E-10±1.94E-09	U			3.33E-09	µCi/mL	GP	EPIA-013
1	Radium-226	4.16E-09±1.28E-09	U			9.74E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.89E-10±4.16E-10	U			8.36E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.18E-08±1.58E-08	U			2.89E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-1.32E-09±1.66E-09	U			2.67E-09	µCi/mL	GP	EPIA-013
2	Strontium-90	1.29E-08±1.16E-09	U			1.43E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-2.06E-09±9.58E-09	U			2.40E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	9.90E-11±1.07E-10	U			1.95E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.20E-10±1.16E-10	U			5.31E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	9.43E-11±6.19E-11	J	I		6.45E-11	µCi/mL	GP	EPIA-012
0	Tritium	3.61E-06±4.22E-07				5.30E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.57E-10±2.23E-10	U			8.72E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	2.52E-11±4.83E-11	U			1.03E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	4.55E-10±1.83E-10	J	I		1.03E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.06E-09±2.26E-09	U			4.48E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.60E-09±3.60E-09	U			6.15E-09	µCi/mL	GP	EPIA-013

WELL TNX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.8
 Sp. conductance: 102 µS/cm
 Turbidity: 20 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 13:45
 Water temperature: 21°C
 Air temperature: 24.7°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	Gross alpha	3.10E-09±1.25E-09	J	I		1.23E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.38E-09±9.93E-10	J	I		1.79E-09	µCi/mL	GP	EPIA-001

WELL TNX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 5.6
 Sp. conductance: 155 µS/cm
 Turbidity: 40 NTU
 Water evacuated from the well prior to sampling: 5 gal

Time: 13:20
 Water temperature: 21.6°C
 Air temperature: 22.6°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	Gross alpha	3.15E-09±1.32E-09	J	I		1.54E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.93E-09±1.07E-09	J	I		1.92E-09	µCi/mL	GP	EPIA-001

WELL TNX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 54.65 ft (16.66 m) below TOC
 Water elevation: 96.25 ft (29.34 m) msl
 pH: 5.2
 Sp. conductance: 43 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 26 gal

Time: 8:20
 Water temperature: 18.6°C
 Air temperature: 11.6°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Gross alpha	2.49E-10±3.55E-10	JU	L	I	6.92E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.13E-09±7.73E-10	U			1.57E-09	µCi/mL	GP	EPIA-001

WELL TNX 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 8.27 ft (2.52 m) below TOC
 Water elevation: 92.03 ft (28.05 m) msl
 pH: 5.8
 Sp. conductance: 84 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 45 gal

Time: 12:14
 Water temperature: 19.1°C
 Air temperature: 28.7°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	cis-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	1.43	J	L	O	1.00	µg/L	GE	EPA8260B
0	Gross alpha	5.38E-10±6.59E-10	U			1.26E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.08E-09±8.83E-10	U			1.85E-09	µCi/mL	GP	EPIA-001

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 9.85 ft (3 m) below TOC
 Water elevation: 91.85 ft (28 m) msl
 pH: 5.4
 Sp. conductance: 131 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 40 gal

Time: 12:48
 Water temperature: 21.4°C
 Air temperature: 25.7°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	Gross alpha	8.55E-10±6.36E-10	U			9.25E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	2.14E-09±1.19E-09	J	I		1.54E-09	µCi/mL	TM	EPA900.0M
0	Gross alpha	2.20E-09±1.16E-09	J	I		1.47E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.14E-09±9.49E-10	J	I		1.56E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.25E-09±1.34E-09	J	I		1.78E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.26E-09±1.29E-09	J	I		1.76E-09	µCi/mL	TM	EPA900.0M

WELL TNX 9D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 9.85 ft (3 m) below TOC
 Water elevation: 91.85 ft (28 m) msl
 pH: 5.4
 Sp. conductance: 131 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 40 gal

Time: 12:48
 Water temperature: 21.4°C
 Air temperature: 25.7°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	Gross alpha	1.67E-09±1.01E-09	J	I		1.46E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.50E-09±8.12E-10	U			1.55E-09	µCi/mL	GP	EPIA-001

WELL TNX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 10.64 ft (3.24 m) below TOC
 Water elevation: 91.66 ft (27.94 m) msl
 pH: 5.5
 Sp. conductance: 103 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 86 gal

Time: 13:36
 Water temperature: 19.5°C
 Air temperature: 27.6°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	cis-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	6.15	J	L	O	1.00	µg/L	GE	EPA8260B
0	Gross alpha	6.37E-09±1.63E-09				1.02E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.26E-09±9.84E-10	J	I		1.55E-09	µCi/mL	GP	EPIA-001

WELL TNX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 8.5 ft (2.59 m) below TOC
 Water elevation: 91.3 ft (27.83 m) msl
 pH: 5.6
 Sp. conductance: 42 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 63 gal

Time: 14:36
 Water temperature: 20.6°C
 Air temperature: 27.8°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	cis-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	1.03	J	L	O	1.00	µg/L	GE	EPA8260B

ESH-EMS-2000406

Well TNX 11D collected on 04/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.19E-09±8.03E-10	J	I		1.17E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.68E-09±9.36E-10	J	I		1.56E-09	µCi/mL	GP	EPIA-001

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 6.73 ft (2.05 m) below TOC
 Water elevation: 92.47 ft (28.19 m) msl
 pH: 6.8
 Sp. conductance: 69 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 50 gal

Time: 15:00
 Water temperature: 19.2°C
 Air temperature: 27.1°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	Gross alpha	3.15E-10±5.18E-10	U			1.10E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.97E-09±9.51E-10	J	I		1.57E-09	µCi/mL	GP	EPIA-001

WELL TNX 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 5.92 ft (1.8 m) below TOC
 Water elevation: 88.98 ft (27.12 m) msl
 pH: 5.5
 Sp. conductance: 126 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 2 gal

Time: 12:01
 Water temperature: 17.4°C
 Air temperature: 20.6°C
 Total alkalinity (as CaCO₃): 8 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	3.62E-10±4.04E-10	U			7.43E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	-1.32E-10±4.83E-10	U			1.24E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.85E-10±6.83E-10	U			1.37E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.06E-09±6.89E-10	U			1.38E-09	µCi/mL	GP	EPIA-001

WELL TNX 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 3.72 ft (1.13 m) below TOC
 Water elevation: 89.08 ft (27.15 m) msl
 pH: 5.2
 Sp. conductance: 145 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 2 gal

Time: 11:35
 Water temperature: 18.8°C
 Air temperature: 20.8°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	Gross alpha	4.83E-10±4.65E-10	U			8.25E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.26E-10±6.09E-10	U			1.21E-09	µCi/mL	GP	EPIA-001

WELL TNX 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
 Depth to water: 6.25 ft (1.91 m) below TOC
 Water elevation: 86.85 ft (26.47 m) msl
 pH: 4.8
 Sp. conductance: 128 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 1 gal

Time: 11:20
 Water temperature: 18.4°C
 Air temperature: 20.8°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

B-243

Second Quarter 2000

Well TNX 15D collected on 04/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	4.98E-10±5.30E-10	U			9.58E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.96E-09±6.87E-10	J	I		1.21E-09	µCi/mL	GP	EPIA-001

WELL TNX 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/00
Depth to water: 6.7 ft (2.04 m) below TOC
Water elevation: 86.7 ft (26.43 m) msl
pH: 5.1
Sp. conductance: 148 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 10:59
Water temperature: 20.6°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	cis-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	24.3	J	L	O	1.00	µg/L	GE	EPA8260B
0	Gross alpha	1.48E-10±2.57E-10	U			5.21E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-5.23E-10±5.05E-10	U			1.13E-09	µCi/mL	GP	EPIA-001

WELL TNX 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
Depth to water: 7.22 ft (2.2 m) below TOC
Water elevation: 89.58 ft (27.3 m) msl
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
Water evacuated from the well prior to sampling: 3 gal

Time: 11:38
Water temperature: Not available
Air temperature: 19.9°C
Total alkalinity (as CaCO₃): 20 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	5.33E-10±4.24E-10	U			6.94E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.46E-09±7.11E-10	J	I		1.17E-09	µCi/mL	GP	EPIA-001

WELL TNX 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
Depth to water: 2.81 ft (0.86 m) below TOC
Water elevation: 89.29 ft (27.22 m) msl
pH: 5.6
Sp. conductance: 115 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 12:17
Water temperature: 17.8°C
Air temperature: 20.6°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	Gross alpha	-3.63E-10±1.97E-10	U			7.78E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.15E-09±6.09E-10	U			1.17E-09	µCi/mL	GP	EPIA-001

WELL TNX 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
Depth to water: 3.52 ft (1.07 m) below TOC
Water elevation: 89.18 ft (27.18 m) msl
pH: 5.6
Sp. conductance: 105 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 14:10
Water temperature: 17.8°C
Air temperature: 22.4°C
Total alkalinity (as CaCO₃): 11 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

ESH-EMS-2000406

Well TNX 19D collected on 04/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-5.09E-11±3.85E-10	U			9.17E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.32E-09±6.24E-10	J	I		1.18E-09	µCi/mL	GP	EPIA-001

WELL TNX 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
Depth to water: 4.1 ft (1.25 m) below TOC
Water elevation: 89.4 ft (27.25 m) msl
pH: 5.6
Sp. conductance: 84 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 1 gal

Time: 14:04
Water temperature: 17.1°C
Air temperature: 22.1°C
Total alkalinity (as CaCO₃): 8 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	5.18E-11±5.88E-10	U			1.33E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.27E-09±6.39E-10	J	I		1.22E-09	µCi/mL	GP	EPIA-001

WELL TNX 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
Depth to water: 2.85 ft (0.87 m) below TOC
Water elevation: 91.55 ft (27.9 m) msl
pH: 5.6
Sp. conductance: 95 µS/cm
Turbidity: 15 NTU
Water evacuated from the well prior to sampling: 2 gal

Time: 14:49
Water temperature: 16.7°C
Air temperature: 19.8°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	Gross alpha	9.85E-10±4.94E-10	J	I		5.39E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.34E-10±5.68E-10	U			1.11E-09	µCi/mL	GP	EPIA-001

WELL TNX 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
Depth to water: 4.34 ft (1.32 m) below TOC
Water elevation: 88.66 ft (27.02 m) msl
pH: 5.7
Sp. conductance: 53 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 3 gal

Time: 14:57
Water temperature: 17.7°C
Air temperature: 23.3°C
Total alkalinity (as CaCO₃): 7 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-7.90E-11±4.32E-10	U			1.05E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.04E-10±6.16E-10	U			1.28E-09	µCi/mL	GP	EPIA-001

WELL TNX 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
Depth to water: 60.42 ft (18.42 m) below TOC
Water elevation: 94.68 ft (28.86 m) msl
pH: 5.8
Sp. conductance: 44 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 43 gal

Time: 10:25
Water temperature: 19.6°C
Air temperature: 16.1°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

B-244

Second Quarter 2000

Well TNX 23D collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Gross alpha	1.12E-09±7.18E-10	J	IL	I	1.08E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.22E-09±7.99E-10	J	I		1.41E-09	µCi/mL	GP	EPIA-001

WELL TNX 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 8.39 ft (2.56 m) below TOC
 Water elevation: 92.41 ft (28.17 m) msl
 pH: 4.9
 Sp. conductance: 102 µS/cm
 Turbidity: 8 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 9:14
 Water temperature: 16.2°C
 Air temperature: 13.7°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	cis-1,2-Dichloroethylene	<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	Actinium-228	6.12E-09±5.36E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-4.24E-12±8.50E-12	U			9.33E-11	µCi/mL	GP	EPIA-011
0	Antimony-125	-3.75E-10±3.71E-09	U			6.18E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-4.84E-10±9.48E-09	U			1.66E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-5.40E-10±1.28E-09	U			1.92E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-7.91E-11±1.22E-09	U			2.17E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	4.60E-10±1.22E-09	U			2.17E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	8.96E-10±1.07E-09	U			2.48E-09	µCi/mL	GP	EPIA-013
0	CS136	3.07E-10±3.87E-09	U			6.92E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			6.14E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.55E-11±5.03E-11	U			5.32E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	9.77E-11±9.31E-11	U			1.08E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-4.33E-10±4.01E-09	U			6.73E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.09E-10±3.09E-09	U			5.84E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.06E-09±5.14E-09	U			9.26E-09	µCi/mL	GP	EPIA-013
1	Gross alpha	1.41E-08±2.69E-09	U			1.43E-09	µCi/mL	GP	EPIA-001
0	Lead-212	3.58E-09±5.03E-09	U			5.00E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.94E-10±1.34E-09	U			2.31E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.05E-08±1.51E-09	U			1.62E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	5.69E-09±2.89E-08	U			2.26E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	2.84E-10±1.21E-09	U			2.18E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	2.02E-10±1.81E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
2	Radium-226	5.21E-09±1.30E-09	U			8.39E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-4.55E-11±4.70E-10	U			1.00E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.55E-09±1.18E-08	U			2.12E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	3.23E-11±1.11E-09	U			2.09E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.82E-10±3.10E-10	JU	L	C	6.46E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	1.14E-08±1.16E-08	U			2.56E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	1.49E-10±9.97E-11	U			1.53E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.14E-10±6.66E-11	J	I		6.87E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	1.69E-10±7.83E-11	J	I		4.97E-11	µCi/mL	GP	EPIA-012
0	Tritium	1.19E-06±3.93E-07	J	I		6.01E-07	µCi/mL	GP	EPIA-002
0	Tritium	1.19E-06±3.93E-07	J	I		6.01E-07	µCi/mL	GP	EPIA-002
0	Tritium	1.03E-06±3.94E-07	J	I		6.13E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	6.12E-10±2.47E-10	J	I		2.65E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	9.30E-11±1.08E-10	U			1.98E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	5.35E-10±2.11E-10	U			1.13E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-5.56E-10±1.52E-09	U			2.62E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	6.25E-10±2.64E-09	U			4.99E-09	µCi/mL	GP	EPIA-013

WELL TNX 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 16.98 ft (5.18 m) below TOC
 Water elevation: 93.62 ft (28.54 m) msl
 pH: 5.9
 Sp. conductance: 67 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 10 gal

Time: 12:15
 Water temperature: 17.9°C
 Air temperature: 19.9°C
 Total alkalinity (as CaCO₃): 2 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

ANALYSES

Well TNX 27D collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Gross alpha	2.20E-10±4.58E-10	JU	L	I	9.65E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.48E-10±7.03E-10	U			1.47E-09	µCi/mL	GP	EPIA-001

WELL TNX 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 6.52 ft (1.99 m) below TOC
 Water elevation: 93.28 ft (28.43 m) msl
 pH: 5.5
 Sp. conductance: 59 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 4 gal

Time: 9:12
 Water temperature: 17°C
 Air temperature: 12.6°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	Gross alpha	8.55E-10±5.11E-10	J	I		7.33E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.54E-09±6.62E-10	J	I		1.23E-09	µCi/mL	GP	EPIA-001

WELL TNX 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 9.21 ft (2.81 m) below TOC
 Water elevation: 90.99 ft (27.73 m) msl
 pH: 4.7
 Sp. conductance: 76 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 9:58
 Water temperature: 17.2°C
 Air temperature: 14.3°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	Gross alpha	2.35E-09±8.04E-10	J	I		7.89E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.22E-09±7.21E-10	J	I		1.24E-09	µCi/mL	GP	EPIA-001

WELL TNX 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 10.8 ft (3.29 m) below TOC
 Water elevation: 92.2 ft (28.1 m) msl
 pH: 4.7
 Sp. conductance: 130 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 10:11
 Water temperature: 17.3°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
1	Gross alpha	1.34E-08±1.90E-09				1.06E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.22E-09±9.28E-10				1.27E-09	µCi/mL	GP	EPIA-001

WELL TNX 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 10.68 ft (3.26 m) below TOC
 Water elevation: 92.22 ft (28.11 m) msl
 pH: 5.2
 Sp. conductance: 140 µS/cm
 Turbidity: 8 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 11:40
 Water temperature: 17.7°C
 Air temperature: 18.3°C
 Total alkalinity (as CaCO₃): 4 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

Well TNX 31D collected on 04/18/00 (cont.)

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	1.57E-09±6.81E-10	J	I		7.42E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.60E-09±6.87E-10	J	I		1.28E-09	µCi/mL	GP	EPIA-001

WELL TNX 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 8.92 ft (2.72 m) below TOC
 Water elevation: 92.28 ft (28.13 m) msl
 pH: 5.4
 Sp. conductance: 102 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 4 gal

Time: 12:50
 Water temperature: 18.3°C
 Air temperature: 20.3°C
 Total alkalinity (as CaCO₃): 7 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	1.57E-10±3.32E-10	U			7.58E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.29E-09±6.44E-10	J	I		1.23E-09	µCi/mL	GP	EPIA-001

WELL TNX 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 8.52 ft (2.6 m) below TOC
 Water elevation: 92.38 ft (28.16 m) msl
 pH: 5.5
 Sp. conductance: 110 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 5 gal

Time: 13:44
 Water temperature: 17.2°C
 Air temperature: 21.3°C
 Total alkalinity (as CaCO₃): 9 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	-5.40E-11±3.70E-10	U			1.03E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	2.21E-10±2.51E-10	U			4.77E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.42E-09±6.66E-10	J	I		1.26E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.74E-10±4.69E-10	U			9.02E-10	µCi/mL	GP	EPIA-001

WELL TNX 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
 Depth to water: 7.76 ft (2.37 m) below TOC
 Water elevation: 92.44 ft (28.18 m) msl
 pH: 5.5
 Sp. conductance: 84 µS/cm
 Turbidity: 8 NTU
 Water evacuated from the well prior to sampling: 5 gal

Time: 14:36
 Water temperature: 17.1°C
 Air temperature: 22.7°C
 Total alkalinity (as CaCO₃): 7 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	4.18E-10±4.00E-10	U			7.03E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	5.97E-10±3.00E-10	J	I		3.85E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.22E-09±6.52E-10	U			1.27E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.33E-09±4.80E-10	J	I		8.60E-10	µCi/mL	GP	EPIA-001

WELL TNX 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 7.57 ft (2.31 m) below TOC
 Water elevation: 92.33 ft (28.14 m) msl
 pH: 5.6
 Sp. conductance: 73 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 4 gal

Time: 10:54
 Water temperature: 17.6°C
 Air temperature: 20.4°C
 Total alkalinity (as CaCO₃): 3 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	5.30E-10±5.47E-10	U			9.79E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.22E-09±7.07E-10	U			1.35E-09	µCi/mL	GP	EPIA-001

WELL TNX 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 Depth to water: 7.5 ft (2.29 m) below TOC
 Water elevation: 92.4 ft (28.16 m) msl
 pH: 5.3
 Sp. conductance: 71 µS/cm
 Turbidity: 7 NTU
 Water evacuated from the well prior to sampling: 4 gal

Time: 9:57
 Water temperature: 16.5°C
 Air temperature: 15.9°C
 Total alkalinity (as CaCO₃): 3 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	3.39E-09±1.25E-09	J	I		1.16E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.39E-09±9.80E-10	J	I		1.54E-09	µCi/mL	GP	EPIA-001

WELL TNX 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Depth to water: 8.29 ft (2.53 m) below TOC
 Water elevation: 92.41 ft (28.17 m) msl
 pH: 5.4
 Sp. conductance: 55 µS/cm
 Turbidity: 15 NTU
 Water evacuated from the well prior to sampling: 3 gal

Time: 14:17
 Water temperature: 18.1°C
 Air temperature: 18.9°C
 Total alkalinity (as CaCO₃): 7 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	2.10E-09±9.92E-10	J	I		1.10E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.11E-09±1.05E-09	J	I		1.75E-09	µCi/mL	GP	EPIA-001

WELL TRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 Depth to water: 62.3 ft (18.99 m) below TOC
 Water elevation: 94 ft (28.65 m) msl
 pH: 8.1
 Sp. conductance: 88 µS/cm
 Turbidity: 1 NTU
 The well was continuously pumping.

Time: 8:58
 Water temperature: 25°C
 Air temperature: 21.6°C
 Total alkalinity (as CaCO₃): 3 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	cis-1,2-Dichloroethylene	8.05				1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	73.5				1.00	µg/L	GE	EPA8260B
0	Gross alpha	2.65E-09±7.96E-10				5.64E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.52E-09±7.07E-10	J	I		9.56E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.18E-09±7.25E-10	J	I		1.27E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.80E-09±7.67E-10				1.26E-09	µCi/mL	GP	EPIA-001

WELL TRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
Depth to water: Not available
Water elevation: Not available
pH: 7.5
Sp. conductance: 67 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:21
Water temperature: 20.6°C
Air temperature: 27.1°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	cis-1,2-Dichloroethylene	1.02			1.00		µg/L	GE	EPA8260B
2	Trichloroethylene	25.0			1.00		µg/L	GE	EPA8260B
0	Gross alpha	2.12E-09±6.84E-10			5.03E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.95E-09±7.31E-10			1.15E-09		µCi/mL	GP	EPIA-001

WELL TRW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
Depth to water: 72.27 ft (22.03 m) below TOC
Water elevation: 82.23 ft (25.06 m) msl
pH: 7.3
Sp. conductance: 58 µS/cm
Turbidity: 1 NTU
The well was continuously pumping.

Time: 9:45
Water temperature: 21.7°C
Air temperature: 25.1°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	cis-1,2-Dichloroethylene	0.831	J	I	1.00		µg/L	GE	EPA8260B
2	Trichloroethylene	68.7			1.00		µg/L	GE	EPA8260B
0	Gross alpha	1.93E-09±6.69E-10			5.49E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.54E-09±7.02E-10			1.13E-09		µCi/mL	GP	EPIA-001

WELL TRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
Depth to water: 55.7 ft (16.98 m) below TOC
Water elevation: 95.2 ft (29.02 m) msl
pH: 6.8
Sp. conductance: 114 µS/cm
Turbidity: 11 NTU
The well was continuously pumping.

Time: 10:15
Water temperature: 22.3°C
Air temperature: 30.1°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	cis-1,2-Dichloroethylene	3.11			1.00		µg/L	GE	EPA8260B
2	Trichloroethylene	929			10.0		µg/L	GE	EPA8260B
0	Gross alpha	3.48E-09±9.73E-10			8.49E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	3.29E-09±7.97E-10			1.25E-09		µCi/mL	GP	EPIA-001

WELL XSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
Depth to water: 62.12 ft (18.93 m) below TOC
Water elevation: 93.88 ft (28.61 m) msl
pH: 5.4
Sp. conductance: 85 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 97 gal

Time: 11:12
Water temperature: 20.9°C
Air temperature: 24.3°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	cis-1,2-Dichloroethylene	<1.00			1.00		µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00			1.00		µg/L	GE	EPA8260B

ESH-EMS-2000406

Well XSB 1A collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.16E-09±6.63E-10	J	IL	I	9.83E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.52E-10±7.26E-10	U			1.49E-09	µCi/mL	GP	EPIA-001

WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
Depth to water: 57.16 ft (17.42 m) below TOC
Water elevation: 98.74 ft (30.1 m) msl
pH: 5.6
Sp. conductance: 35 µS/cm
Turbidity: 5 NTU
Water evacuated from the well prior to sampling: 114 gal

Time: 11:29
Water temperature: 21.2°C
Air temperature: 24.1°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Gross alpha	7.98E-10±5.35E-10	J	IL	I	7.06E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.37E-09±7.42E-10	J	I		1.24E-09	µCi/mL	GP	EPIA-001

WELL XSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
Depth to water: 62.15 ft (18.94 m) below TOC
Water elevation: 93.85 ft (28.61 m) msl
pH: 5.2
Sp. conductance: 85 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 18 gal

Time: 14:15
Water temperature: 23.1°C
Air temperature: 22.8°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	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	GE	EPA8260B
2	Trichloroethylene	252				5.00	µg/L	GE	EPA8260B
0	Gross alpha	1.42E-09±7.06E-10	J	IL	I	9.41E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.99E-09±7.21E-10	J	I		1.25E-09	µCi/mL	GP	EPIA-001

WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
Depth to water: 60.86 ft (18.55 m) below TOC
Water elevation: 93.94 ft (28.63 m) msl
pH: 5.7
Sp. conductance: 113 µS/cm
Turbidity: 0 NTU
Water evacuated from the well prior to sampling: 18 gal

Time: 15:03
Water temperature: 21.9°C
Air temperature: 23.7°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
1	Trichloroethylene	4.82				1.00	µg/L	GE	EPA8260B
0	Actinium-228	3.49E-09±9.55E-09	U			1.38E-08	µCi/mL	GP	EPIA-013
0	Actinium-228	6.52E-09±5.65E-09	U			1.05E-08	µCi/mL	GP	EPIA-013
0	Americium-241	2.67E-11±3.82E-11	U			6.60E-11	µCi/mL	GP	EPIA-011
0	Antimony-125	1.22E-09±4.54E-09	U			7.91E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	6.83E-10±3.95E-09	U			6.76E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-5.23E-09±1.23E-08	U			1.75E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.31E-09±1.11E-08	U			1.81E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.15E-09±1.90E-09	U			2.67E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	6.98E-10±1.43E-09	U			2.29E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.25E-09±2.67E-09	U			3.00E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.25E-09±1.47E-09	U			2.72E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.88E-10±1.49E-09	U			2.19E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.38E-09±1.38E-09	U			2.35E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	2.41E-09±3.89E-09	U			3.65E-09	µCi/mL	GP	EPIA-013

B-247

Second Quarter 2000

Well XSB 2D collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cobalt-60	-3.26E-10±1.40E-09	U			2.48E-09	µCi/mL	GP	EPIA-013
0	CS136	1.28E-09±3.88E-09	U			6.97E-09	µCi/mL	GP	EPIA-013
0	CS136	-3.54E-09±5.64E-09	U			8.02E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.15E-11±1.63E-11	U			9.05E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	6.42E-11±5.85E-11	U			8.03E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.46E-11±3.49E-11	U			3.69E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-9.12E-10±5.03E-09	U			7.55E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-1.29E-09±4.05E-09	U			6.81E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.55E-09±5.19E-09	U			9.46E-09	µCi/mL	GP	EPIA-013
0	Europium-154	2.11E-09±3.98E-09	U			6.80E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.33E-09±5.30E-09	U			8.67E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.41E-10±5.85E-09	U			9.71E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	1.21E-09±7.52E-10	J	I		1.09E-09	µCi/mL	GP	EPIA-001
0	Gross alpha	1.44E-09±9.20E-10	J	I		1.31E-09	µCi/mL	GP	EPIA-001
0	Lead-212	1.50E-09±4.17E-09	U			4.72E-09	µCi/mL	GP	EPIA-013
0	Lead-212	4.26E-09±2.81E-09	U			5.02E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-1.11E-09±1.71E-09	U			2.92E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	6.78E-11±1.54E-09	U			2.34E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.47E-09±8.48E-10	J	I		1.42E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.90E-09±9.35E-10	J	I		1.78E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	4.77E-08±2.21E-08	R		4	4.45E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	3.75E-08±2.58E-08	R		4	2.42E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-4.67E-10±1.77E-09	U			2.94E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	5.67E-10±1.42E-09	U			2.54E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	1.35E-09±3.82E-09	U			3.61E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-3.59E-11±1.72E-09	U			2.92E-09	µCi/mL	GP	EPIA-013
0	Radium-226	9.38E-10±5.26E-10	J	I		4.95E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.92E-10±6.16E-10	U			1.15E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	1.09E-08±1.62E-08	U			2.86E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-5.96E-09±1.28E-08	U			2.18E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	5.68E-10±1.86E-09	U			3.39E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	1.81E-11±2.30E-09	U			2.13E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-6.93E-11±2.30E-10	U			5.30E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	4.15E-09±9.76E-09	U			2.29E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	-7.36E-11±9.03E-11	U			2.26E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	1.86E-11±2.65E-11	U			2.80E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	-4.71E-12±9.44E-12	U			5.88E-11	µCi/mL	GP	EPIA-012
0	Tritium	1.07E-06±4.32E-07	J	I		6.69E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.93E-11±5.40E-11	U			1.32E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-3.52E-12±7.05E-12	U			7.74E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	1.52E-11±4.37E-11	U			1.11E-10	µCi/mL	GP	EPIA-011
0	Yttrium-88	-7.51E-10±1.71E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	1.13E-09±1.79E-09	U			3.08E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-9.21E-10±4.38E-09	U			6.56E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	1.48E-09±3.27E-09	U			5.41E-09	µCi/mL	GP	EPIA-013

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
Depth to water: 61.56 ft (18.76 m) below TOC
Water elevation: 95.44 ft (29.09 m) msl
pH: 5.3
Sp. conductance: 107 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 12 gal

Time: 11:46
Water temperature: 21.1°C
Air temperature: 21.9°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	6.76				1.00	µg/L	GE	EPA8260B
0	Actinium-228	5.00E-09±5.94E-09	U			1.12E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	6.06E-10±4.24E-09	U			7.34E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	1.29E-09±1.22E-08	U			2.03E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-7.89E-11±1.79E-09	U			2.75E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.67E-10±1.72E-09	U			3.07E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-2.50E-10±1.66E-09	U			2.73E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-7.66E-10±1.66E-09	U			2.88E-09	µCi/mL	GP	EPIA-013
0	CS136	-1.88E-09±9.25E-09	U			1.60E-08	µCi/mL	GP	EPIA-013
0	Curium-242	1.04E-11±2.08E-11	U			3.12E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	-4.41E-12±8.84E-12	U			5.72E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.06E-11±2.13E-11	U			3.19E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-5.27E-10±5.14E-09	U			7.71E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3.38E-09±4.17E-09	U			8.42E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.01E-08±8.08E-09	U			1.11E-08	µCi/mL	GP	EPIA-013

ESH-EMS-2000406

Well XSB 3A collected on 04/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	2.30E-09±8.48E-10	J	IL	I	8.59E-10	µCi/mL	GP	EPIA-001
0	Lead-212	6.51E-09±3.21E-09	R		4	5.89E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-5.89E-10±1.61E-09	U			2.76E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	3.80E-09±8.59E-10	U			1.29E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	4.71E-08±2.03E-08	R		4	4.30E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	2.54E-09±4.03E-09	U			2.83E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.12E-09±2.21E-09	U			3.62E-09	µCi/mL	GP	EPIA-013
0	Radium-226	8.40E-10±6.59E-10	U			9.06E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.71E-10±6.23E-10	U			1.25E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	8.16E-09±1.23E-08	U			2.46E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	1.23E-09±1.50E-09	U			3.04E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.85E-10±4.35E-10	U			8.65E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	1.14E-10±6.82E-10	U			1.37E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	1.14E-10±6.82E-10	U			1.37E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-6.36E-09±9.19E-09	U			2.41E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.19E-11±7.92E-11	U			1.62E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.74E-11±3.38E-11	U	V		2.24E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	2.24E-11±2.61E-11	U			2.24E-11	µCi/mL	GP	EPIA-012
0	Tritium	1.93E-06±3.76E-07				5.37E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	4.25E-10±1.68E-10	U			4.55E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	1.52E-11±3.05E-11	U			4.57E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.85E-10±1.36E-10	J	I		8.01E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	2.50E-09±3.15E-09	U			4.15E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-8.55E-11±3.59E-09	U			6.55E-09	µCi/mL	GP	EPIA-013

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
Depth to water: 60.71 ft (18.5 m) below TOC
Water elevation: 94.19 ft (28.71 m) msl
pH: 5.6
Sp. conductance: 90 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 25 gal

Time: 14:18
Water temperature: 21.1°C
Air temperature: 20.9°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Trichloroethylene	4.01				1.00	µg/L	GE	EPA8260B
1	Trichloroethylene	4.30	J	IK	O	5.00	µg/L	EX	EPA8260B
0	Actinium-228	3.68E-09±5.05E-09	U			9.48E-09	µCi/mL	GP	EPIA-013
0	Actinium-228	-1.01E-08±1.51E-08	U			2.26E-08	µCi/mL	TM	EPA901.1M
0	Actinium-228	5.56E-09±1.65E-08	U			2.79E-08	µCi/mL	TM	EPA901.1M
0	Americium-241	3.71E-11±3.73E-11	U			2.78E-11	µCi/mL	GP	EPIA-011
0	Antimony-124	-9.00E-10±3.63E-09	U			6.47E-09	µCi/mL	TM	EPA901.1M
0	Antimony-124	-1.22E-09±3.35E-09	U			5.94E-09	µCi/mL	TM	EPA901.1M
0	Antimony-125	1.34E-09±3.63E-09	U			6.67E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-5.87E-09±1.02E-08	U			1.61E-08	µCi/mL	TM	EPA901.1M
0	Antimony-125	2.60E-09±9.19E-09	U			1.57E-08	µCi/mL	TM	EPA901.1M
0	Barium-133	-8.80E-10±4.28E-09	U			7.00E-09	µCi/mL	TM	EPA901.1M
0	Barium-133	-2.40E-09±4.73E-09	U			7.45E-09	µCi/mL	TM	EPA901.1M
0	Cerium-144	-4.57E-09±9.37E-09	U			1.58E-08	µCi/mL	GP	EPIA-013
0	Cerium-144	-1.02E-09±1.65E-08	U			2.59E-08	µCi/mL	TM	EPA901.1M
0	Cerium-144	-4.80E-09±1.68E-08	U			2.59E-08	µCi/mL	TM	EPA901.1M
0	Cesium-134	-5.92E-10±1.51E-09	U			2.25E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-1.23E-09±3.51E-09	U			6.21E-09	µCi/mL	TM	EPA901.1M
0	Cesium-134	-1.19E-09±3.38E-09	U			6.00E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	-1.25E-10±1.27E-09	U			2.25E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-3.81E-09±3.67E-09	U			6.08E-09	µCi/mL	TM	EPA901.1M
0	Cesium-137	1.56E-09±3.67E-09	U			6.95E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	3.03E-10±1.20E-09	U			2.10E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-4.20E-10±1.96E-09	U			3.29E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-57	8.90E-10±1.90E-09	U			3.31E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	-1.58E-09±3.59E-09	U			5.56E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-58	3.30E-10±3.64E-09	U			6.70E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	1.09E-09±1.42E-09	U			2.87E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	8.20E-10±4.40E-09	U			7.43E-09	µCi/mL	TM	EPA901.1M
0	Cobalt-60	3.13E-09±3.65E-09	U			7.44E-09	µCi/mL	TM	EPA901.1M
0	CS136	2.95E-10±3.49E-09	U			6.23E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.05E-11±2.10E-11	U			3.14E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	6.06E-11±5.04E-11	U	V		5.78E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	5.38E-11±4.85E-11	R		4	3.23E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-1.01E-09±4.19E-09	U			6.93E-09	µCi/mL	GP	EPIA-013

Well XSB 4D collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Europium-152	-1.33E-08±2.41E-08	U			4.06E-08	µCi/mL	TM	EPA901.1M
0	Europium-152	-1.97E-08±2.78E-08	U			3.85E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	1.09E-09±3.89E-09	U			7.49E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3.28E-09±1.25E-08	U			2.14E-08	µCi/mL	TM	EPA901.1M
0	Europium-154	-3.19E-09±9.69E-09	U			1.72E-08	µCi/mL	TM	EPA901.1M
0	Europium-155	-2.94E-09±5.34E-09	U			8.09E-09	µCi/mL	GP	EPIA-013
0	Europium-155	7.50E-10±5.40E-09	U			9.27E-09	µCi/mL	TM	EPA901.1M
0	Europium-155	8.61E-09±7.39E-09	U			9.47E-09	µCi/mL	TM	EPA901.1M
0	Gross alpha	2.62E-09±1.03E-09	J	I		6.47E-10	µCi/mL	GP	EPIA-001
2	Gross alpha	2.18E-07±9.02E-09	U			1.90E-09	µCi/mL	TM	EPA900.0M
0	Lead-212	1.70E-10±4.28E-09	U			4.22E-09	µCi/mL	GP	EPIA-013
0	Lead-212	-4.41E-09±6.56E-09	U			9.57E-09	µCi/mL	TM	EPA901.1M
0	Lead-212	3.80E-10±6.35E-09	U			1.00E-08	µCi/mL	TM	EPA901.1M
0	Manganese-54	6.67E-10±1.53E-09	U			2.78E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-2.02E-09±3.45E-09	U			5.93E-09	µCi/mL	TM	EPA901.1M
0	Manganese-54	-2.12E-09±3.67E-09	U			6.32E-09	µCi/mL	TM	EPA901.1M
0	Neptunium-239	7.83E-09±1.99E-08	U			3.46E-08	µCi/mL	TM	EPA901.1M
0	Neptunium-239	-1.91E-09±2.08E-08	U			3.54E-08	µCi/mL	TM	EPA901.1M
0	Nonvolatile beta	2.66E-09±9.17E-10	J	I		1.50E-09	µCi/mL	GP	EPIA-001
2	Nonvolatile beta	1.24E-07±4.22E-09	U			1.79E-09	µCi/mL	TM	EPA900.0M
0	Potassium-40	2.61E-08±2.29E-08	U			4.05E-08	µCi/mL	GP	EPIA-013
0	Potassium-40	4.22E-08±5.47E-08	U			5.57E-08	µCi/mL	TM	EPA901.1M
0	Potassium-40	5.79E-09±4.53E-08	U			8.61E-08	µCi/mL	TM	EPA901.1M
0	Promethium-144	1.87E-10±1.29E-09	U			2.31E-09	µCi/mL	GP	EPIA-013
0	Promethium-144	2.52E-09±3.82E-09	U			7.23E-09	µCi/mL	TM	EPA901.1M
0	Promethium-144	1.96E-09±3.40E-09	U			6.48E-09	µCi/mL	TM	EPA901.1M
0	Promethium-146	-7.24E-11±1.63E-09	U			2.92E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	5.32E-09±1.01E-08	U			1.27E-08	µCi/mL	TM	EPA901.1M
0	Promethium-146	-1.82E-09±7.83E-09	U			1.16E-08	µCi/mL	TM	EPA901.1M
0	Radium-226	9.52E-10±5.96E-10	U	V		7.33E-10	µCi/mL	GP	EPIA-008
0	Radium-226	9.87E-10±5.17E-10	J	I		1.91E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.90E-10±7.92E-10	U			1.56E-09	µCi/mL	GP	EPIA-009
0	Radium-228	-6.60E-10±1.29E-09	U			2.38E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	-5.00E-11±1.25E-09	U			2.22E-09	µCi/mL	TM	EPA904.0M
0	Ruthenium-106	-9.19E-10±1.27E-08	U			2.24E-08	µCi/mL	GP	EPIA-013
0	Ruthenium-106	-2.24E-08±3.16E-08	U			4.76E-08	µCi/mL	TM	EPA901.1M
0	Ruthenium-106	1.33E-09±3.01E-08	U			5.54E-08	µCi/mL	TM	EPA901.1M
0	Sodium-22	4.06E-10±1.40E-09	U			2.69E-09	µCi/mL	GP	EPIA-013
0	Sodium-22	1.22E-09±4.44E-09	U			7.64E-09	µCi/mL	TM	EPA901.1M
0	Sodium-22	-1.19E-09±3.44E-09	U			6.08E-09	µCi/mL	TM	EPA901.1M
0	Strontium-90	1.11E-10±3.09E-10	U			6.71E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	3.10E-10±8.30E-10	U			1.45E-09	µCi/mL	TM	EMLSR02M
0	Strontium-90	7.50E-10±9.20E-10	U			1.54E-09	µCi/mL	TM	EPIA-005
0	Technetium-99	6.18E-09±1.02E-08	U			2.34E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	2.66E-09±4.01E-09	U			6.77E-09	µCi/mL	TM	EICHROM
0	Technetium-99	1.02E-09±3.91E-09	U			6.66E-09	µCi/mL	TM	EICHROM
0	Thorium-228	7.42E-12±8.86E-11	U			1.92E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	2.13E-11±4.33E-11	U			8.94E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	1.71E-11±3.24E-11	U			6.61E-11	µCi/mL	GP	EPIA-012
0	Tin-113	-1.73E-09±4.07E-09	U			6.53E-09	µCi/mL	TM	EPA901.1M
0	Tin-113	3.40E-09±4.22E-09	U			7.44E-09	µCi/mL	TM	EPA901.1M
0	Tritium	1.82E-06±4.57E-07	U			6.59E-07	µCi/mL	GP	EPIA-002
0	Tritium	1.84E-06±4.10E-07	U			5.00E-07	µCi/mL	TM	EPA906.0M
0	Tritium	1.71E-06±4.00E-07	U			5.10E-07	µCi/mL	TM	EPA906.0M
0	Uranium-233/234	1.81E-10±1.09E-10	J	I		8.12E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	2.34E-11±4.50E-11	U			9.60E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	2.73E-10±1.35E-10	J	I		8.12E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	-5.80E-10±1.36E-09	U			2.37E-09	µCi/mL	GP	EPIA-013
0	Yttrium-88	9.00E-10±5.31E-09	U			9.00E-09	µCi/mL	TM	EPA901.1M
0	Yttrium-88	4.31E-09±4.45E-09	U			9.50E-09	µCi/mL	TM	EPA901.1M
0	Zinc-65	2.38E-09±2.95E-09	U			5.39E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	9.29E-09±7.55E-09	U			1.57E-08	µCi/mL	TM	EPA901.1M
0	Zinc-65	-2.71E-09±6.93E-09	U			1.22E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	-2.30E-10±6.18E-09	U			1.13E-08	µCi/mL	TM	EPA901.1M
0	Zirconium-95	7.20E-10±5.90E-09	U			1.10E-08	µCi/mL	TM	EPA901.1M

WELL XSB 4D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 Depth to water: 60.71 ft (18.5 m) below TOC
 Water elevation: 94.19 ft (28.71 m) msl
 pH: 5.6
 Sp. conductance: 90 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 25 gal

Time: 14:18
 Water temperature: 21.1°C
 Air temperature: 20.9°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
1	Trichloroethylene	3.86				1.00	µg/L	GE	EPA8260B
0	Actinium-228	9.84E-09±7.75E-09	R		4	9.46E-09	µCi/mL	GP	EPIA-013
0	Americium-241	3.31E-11±3.88E-11	U			5.85E-11	µCi/mL	GP	EPIA-011
0	Antimony-125	2.47E-10±3.19E-09	U			5.43E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	2.60E-10±7.52E-09	U			1.31E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.21E-10±1.02E-09	U			1.78E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	7.89E-09±1.91E-09	R		4	3.71E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.57E-10±8.87E-10	U			1.55E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	7.01E-10±1.44E-09	U			2.67E-09	µCi/mL	GP	EPIA-013
0	CS136	1.74E-09±3.25E-09	U			6.06E-09	µCi/mL	GP	EPIA-013
0	Curium-242	5.52E-12±2.36E-11	U			6.60E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	4.26E-11±4.33E-11	U			5.86E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.18E-11±3.09E-11	U			3.27E-11	µCi/mL	GP	EPIA-011
0	Europium-152	1.02E-09±3.36E-09	U			5.81E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.82E-09±3.30E-09	U			6.31E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-7.59E-10±3.51E-09	U			6.08E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	2.36E-09±1.12E-09	J	I		1.60E-09	µCi/mL	GP	EPIA-001
0	Lead-212	4.99E-09±2.20E-09	R		4	4.01E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	9.51E-11±1.09E-09	U			1.98E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.51E-09±9.26E-10	U			1.84E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.58E-08±1.57E-08	R		4	3.34E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	2.80E-10±1.13E-09	U			2.05E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-4.03E-10±1.57E-09	U			2.60E-09	µCi/mL	GP	EPIA-013
0	Radium-226	7.35E-10±5.40E-10	J	I		7.20E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.64E-10±8.72E-10	U			1.72E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	7.14E-09±1.06E-08	U			1.99E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	6.33E-10±1.18E-09	U			2.25E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	1.78E-11±2.36E-10	U			5.25E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	9.36E-10±9.34E-09	U			2.26E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	4.63E-11±4.96E-11	U			8.41E-11	µCi/mL	GP	EPIA-012
0	Thorium-230	2.09E-11±2.98E-11	U			5.36E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	6.98E-12±1.40E-11	U			2.10E-11	µCi/mL	GP	EPIA-012
0	Tritium	1.77E-06±4.64E-07	U			6.74E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.06E-10±1.17E-10	J	I		9.48E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	2.69E-11±4.40E-11	U			8.07E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	1.76E-10±1.08E-10	J	I		9.48E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	8.61E-10±1.45E-09	U			2.92E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-5.79E-10±2.37E-09	U			4.10E-09	µCi/mL	GP	EPIA-013

WELL XSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 Depth to water: 17.99 ft (5.48 m) below TOC
 Water elevation: 94.01 ft (28.65 m) msl
 pH: 4.9
 Sp. conductance: 109 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 57 gal

Time: 9:12
 Water temperature: 18.6°C
 Air temperature: 16°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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
2	Trichloroethylene	14.2	J	K	O	1.00	µg/L	GE	EPA8260B
0	Gross alpha	3.82E-09±1.26E-09				9.88E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.08E-09±9.91E-10				1.38E-09	µCi/mL	GP	EPIA-001

WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
Depth to water: 44.34 ft (13.51 m) below TOC
Water elevation: 101.16 ft (30.83 m) msl
pH: 5.7
Sp. conductance: 32 µS/cm
Turbidity: 1 NTU
Water evacuated from the well prior to sampling: 54 gal

Time: 10:40
Water temperature: 20.7°C
Air temperature: 22.2°C
Total alkalinity (as CaCO₃): 5 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	1.56E-10±4.03E-10	U			9.84E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.95E-09±8.35E-10	J	I		1.52E-09	µCi/mL	GP	EPIA-001

WELL YSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
Depth to water: 44.97 ft (13.71 m) below TOC
Water elevation: 99.73 ft (30.4 m) msl
pH: 4.7
Sp. conductance: 34 µS/cm
Turbidity: 7 NTU
Water evacuated from the well prior to sampling: 13 gal

Time: 8:29
Water temperature: 19.8°C
Air temperature: 14.7°C
Total alkalinity (as CaCO₃): 2 mg/L
Phenolphthalein alkalinity: 0 mg/L
Field Qualifier(s): S

ANALYSES

<i>F</i>	<i>Analyte</i>	<i>Result</i>	<i>FG</i>	<i>S</i>	<i>EMS</i>	<i>SQL</i>	<i>Unit</i>	<i>Lab</i>	<i>Method</i>
0	Gross alpha	3.48E-10±4.78E-10	U			9.82E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.63E-09±8.04E-10	J	I		1.52E-09	µCi/mL	GP	EPIA-001

Appendix C. Sampling Blanks Results

This section presents the analytical results for sampling blanks analyzed during second quarter 2000.

NOTES

WELL EPT 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
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
0	Gross alpha	-4.17E-10±2.44E-10	U			8.45E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.61E-10±5.19E-10	U			1.14E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	1.07E-10±1.26E-09	U			3.15E-09	µCi/mL	GP	EPIA-004
0	Tritium	5.05E-06±5.77E-07		7		6.52E-07	µCi/mL	GP	EPIA-002

WELL EPT 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
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
0	Gross alpha	1.73E-10±4.37E-10	U			1.04E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	1.89E-10±3.75E-10	U			7.79E-10	µCi/mL	GP	EPIA-006
0	Nonvolatile beta	2.56E-09±1.26E-09	J	I	7	2.39E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	1.26E-09±2.59E-09	U			5.85E-09	µCi/mL	GP	EPIA-004
0	Tritium	5.75E-06±6.20E-07		7		7.26E-07	µCi/mL	GP	EPIA-002
0	Tritium	5.56E-06±6.16E-07				7.29E-07	µCi/mL	GP	EPIA-002

WELL EPT100B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/00
Water temperature: 27.6°C
Air temperature: 26°C
pH: 5
Sp. conductance: 5 µS/cm
Turbidity: Not available

Time: 17:57

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-1.03E-10±2.27E-10	U			6.42E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	2.20E-10±5.86E-10	U			8.93E-10	µCi/mL	GP	EPIA-006
0	Iodine-129	3.44E-10±7.08E-10	U			9.08E-10	µCi/mL	GP	EPIA-006
0	Nonvolatile beta	-3.52E-10±4.42E-10	U			1.07E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	1.05E-09±1.07E-09	U			2.32E-09	µCi/mL	GP	EPIA-004
0	Tritium	-1.53E-07±3.49E-07	U			6.26E-07	µCi/mL	GP	EPIA-002

WELL EPT110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/00
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

Well EPT110D collected on 04/18/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.01E-09±7.60E-10	U			1.19E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	6.57E-10±5.88E-10	U			1.19E-09	µCi/mL	GP	EPIA-006
0	Nonvolatile beta	9.69E-10±1.03E-09	U			2.17E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	3.11E-09±2.84E-09	U			6.00E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	5.17E-10±2.99E-09	U			7.01E-09	µCi/mL	GP	EPIA-004
0	Tritium	2.26E-06±5.08E-07		7		7.29E-07	µCi/mL	GP	EPIA-002

WELL QA 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
Water temperature: 22°C
Air temperature: 17.2°C
pH: 7.2
Sp. conductance: 1 µS/cm
Turbidity: 1 NTU

Time: 10:12

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.95E-10±2.81E-10	JU	L	I	5.66E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-3.87E-10±4.57E-10	U			1.17E-09	µCi/mL	GP	EPIA-001
0	Radium-226	4.42E-10±4.59E-10	U			6.53E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-4.51E-10±6.51E-10	U			1.42E-09	µCi/mL	GP	EPIA-009
0	Tritium	-3.69E-07±2.86E-07	U			5.22E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	0.00E+00±2.00E-09	U			5.65E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	1.44E-11±3.89E-11	U			9.97E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	-4.52E-12±9.06E-12	U			9.94E-11	µCi/mL	GP	EPIA-011

WELL QA 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
Water temperature: 24°C
Air temperature: 17.2°C
pH: 7.4
Sp. conductance: 2 µS/cm
Turbidity: 1 NTU

Time: 12:32

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.435	JU	V	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.448	JU	V	4	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	250		6		50.0	µg/L	GE	EPA353.1
0	pH	4.79	J	Q		0.100	pH	GE	EPA9040B
0	pH	4.78	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	8.35		6		1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.23E-10±2.18E-10	U			3.64E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-4.94E-10±4.81E-10	U			1.16E-09	µCi/mL	ML	EPIA-001
2	Tritium	2.33E-03±9.50E-06		6		5.50E-07	µCi/mL	ML	EPIA-002

WELL QA 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
Water temperature: 24°C
Air temperature: 17.2°C
pH: 7.4
Sp. conductance: 2 µS/cm
Turbidity: 1 NTU

Time: 10:33

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

Well QA 12B collected on 04/03/00 (cont.)

0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.463	JU	V	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.733	JU	V	4	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	20.0	J	I	6	50.0	µg/L	GE	EPA353.1
0	pH	5.54	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	2.21			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.80E-10±2.56E-10	U			4.37E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.35E-10±4.22E-10	U			9.07E-10	µCi/mL	ML	EPIA-001
2	Tritium	4.25E-04±4.08E-06			6	5.52E-07	µCi/mL	ML	EPIA-002

WELL QA 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Water temperature: 22.4°C
 Air temperature: 17°C
 pH: Not available
 Sp. conductance: 0 µS/cm
 Turbidity: 4 NTU

Time: 9:52

Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 100 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	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.450	JU	V	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.436	JU	V	4	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	60.0			6	50.0	µg/L	GE	EPA353.1
0	pH	5.14	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	3.69			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.92E-10±2.14E-10	U			3.80E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.15E-10±5.01E-10	U			1.09E-09	µCi/mL	ML	EPIA-001
0	Tritium	-8.14E-08±3.80E-07	U			5.55E-07	µCi/mL	ML	EPIA-002

WELL QA 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/00
 Water temperature: 24°C
 Air temperature: 17.2°C
 pH: 7.4
 Sp. conductance: 2 µS/cm
 Turbidity: 1 NTU

Time: 11:29

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	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<0.475	JU	V	4	1.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<0.431	JU	V	4	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	pH	5.80	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.54			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.33E-10±3.48E-10	U			6.00E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	1.81E-10±4.74E-10	U			1.03E-09	µCi/mL	ML	EPIA-001
0	Tritium	3.35E-06±5.37E-07			6	5.68E-07	µCi/mL	ML	EPIA-002

WELL QA 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/00
 Water temperature: 22.3°C
 Air temperature: 25.7°C
 pH: 4.9
 Sp. conductance: 1 µS/cm
 Turbidity: 1 NTU

Time: 12:06

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	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	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	30.0	J	IY	6	50.0	µg/L	GE	EPA353.1
0	pH	5.76	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.50			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-2.24E-10±2.38E-10	U			8.97E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	3.49E-10±5.53E-10	U			1.20E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.06E-09±7.76E-10	U			1.58E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.92E-10±7.37E-10	U			1.69E-09	µCi/mL	GP	EPIA-001
0	Tritium	-2.09E-08±3.98E-07	U			6.98E-07	µCi/mL	GP	EPIA-002

WELL QA 20B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Water temperature: 16.6°C
 Air temperature: 17.4°C
 pH: 5.1
 Sp. conductance: 4 µS/cm
 Turbidity: 1 NTU

Time: 10:00

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	30.0	J	I	6	50.0	µg/L	GE	EPA353.1
0	pH	5.45	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	2.30			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.63E-10±3.39E-10	U			7.49E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	9.48E-11±4.76E-10	U			1.05E-09	µCi/mL	ML	EPIA-001
0	Tritium	1.34E-06±4.12E-07			6	5.02E-07	µCi/mL	ML	EPIA-002

WELL QA 22B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Water temperature: 16.6°C
 Air temperature: 17.2°C
 pH: 5.1
 Sp. conductance: 4 µS/cm
 Turbidity: 1 NTU

Time: 11:19

Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): B

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			6	50.0	µg/L	GE	EPA353.1
0	pH	5.46	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	2.14			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.94E-10±1.64E-10	U			2.68E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	4.58E-10±3.58E-10	U			6.74E-10	µCi/mL	ML	EPIA-001
0	Tritium	6.18E-07±3.81E-07	J	I	6	5.06E-07	µCi/mL	ML	EPIA-002

WELL QA 24B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Water temperature: 16.6°C
 Air temperature: 17.5°C
 pH: 5.1
 Sp. conductance: 4 µS/cm
 Turbidity: 1 NTU

Time: 12:09

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	30.0	J	I	6	50.0	µg/L	GE	EPA353.1
0	pH	5.37	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	2.05			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.85E-10±3.56E-10	U			6.83E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.10E-10±4.97E-10	U			1.06E-09	µCi/mL	ML	EPIA-001
0	Tritium	7.69E-08±3.52E-07	U			5.04E-07	µCi/mL	ML	EPIA-002

WELL QA 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Water temperature: 16.6°C
 Air temperature: 17.2°C
 pH: 5.1
 Sp. conductance: 4 µS/cm
 Turbidity: 1 NTU

Time: 14:41

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	10.0	J	I	6	50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	20.0	J	I	6	50.0	µg/L	GE	EPA353.1
0	pH	5.54	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.75			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	1.77			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-1.98E-11±2.22E-10	U			6.00E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	2.85E-10±4.82E-10	U			1.03E-09	µCi/mL	ML	EPIA-001
0	Tritium	-1.74E-07±3.41E-07	U			5.08E-07	µCi/mL	ML	EPIA-002

WELL QA 28B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Water temperature: 16.6°C
 Air temperature: 17.2°C
 pH: 5.1
 Sp. conductance: 4 µS/cm
 Turbidity: 1 NTU

Time: 15:19

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	70.0			6	50.0	µg/L	GE	EPA353.1
0	pH	5.60	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.83			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-2.91E-10±1.52E-10	U			6.43E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-5.80E-10±4.63E-10	U			1.14E-09	µCi/mL	ML	EPIA-001
0	Tritium	7.66E-08±3.51E-07	U			5.02E-07	µCi/mL	ML	EPIA-002

WELL QA 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/00
 Water temperature: 16.6°C
 Air temperature: 17.4°C
 pH: 5.1
 Sp. conductance: 4 µS/cm
 Turbidity: 1 NTU

Time: 13:49

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	50.0			6	50.0	µg/L	GE	EPA353.1
0	pH	5.25	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	3.84			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.04E-10±2.69E-10	U			5.41E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.28E-11±4.89E-10	U			1.09E-09	µCi/mL	ML	EPIA-001
0	Tritium	-1.92E-08±3.47E-07	U			5.03E-07	µCi/mL	ML	EPIA-002

WELL QA 32B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/00
 Water temperature: 16.6°C
 Air temperature: 17.4°C
 pH: 5.1
 Sp. conductance: 4 µS/cm
 Turbidity: 1 NTU

Time: 9:42

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	10.0	J	I	6	50.0	µg/L	GE	EPA353.1
0	pH	5.45	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	139			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.30E-11±2.52E-10	U			6.13E-10	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	5.68E-10±4.94E-10	U			1.01E-09	µCi/mL	ML	EPIA-001
0	Tritium	9.20E-07±4.44E-07	J	I	6	5.81E-07	µCi/mL	ML	EPIA-002
0	Tritium	2.41E-07±4.18E-07	U			5.84E-07	µCi/mL	ML	EPIA-002

WELL QA 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 Water temperature: 19.9°C
 Air temperature: 27.6°C
 pH: 5.2
 Sp. conductance: 1 µS/cm
 Turbidity: 0 NTU

Time: 11:33

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 CaCO ₃)	6.00	J	I	6	24,800	mg/L	WA	EPA310.1
0	Alkalinity (as CaCO ₃)	3.50	J	I	6	24,800	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
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	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	<120	U			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

SAMPLING BLANKS RESULTS

Well QA 34B collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014
0	Iron, total recoverable	<74.0	JU	L	IX	74.0	µg/L	WA	EPA6010B
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	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	<185	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			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	Nitrate-nitrite as nitrogen	<20.0	U			20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
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	Sulfate	158	J	I	6	340	µg/L	WA	EPA9056
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	17,000	J	IQ	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	169	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	JU	L	I	120	µg/L	WA	EPA9020B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Carbon-14	-3.08E-10±4.97E-09	U			8.66E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.80E-09±2.29E-09	JU	L	C	8.41E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-2.81E-10±1.45E-09	U			6.47E-09	µCi/mL	ML	EPIA-001
0	Radium-226	7.74E-10±5.36E-10	J	I	6	6.95E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-2.71E-10±5.58E-10	U			1.21E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.08E-10±2.93E-10	U			6.54E-10	µCi/mL	GP	EPIA-004
0	Tritium	1.50E-07±4.03E-07	U			5.73E-07	µCi/mL	ML	EPIA-002

WELL QA 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 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	Tritium	5.96E-08±3.95E-07	U			5.68E-07	µCi/mL	ML	EPIA-002

WELL QA 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 Water temperature: 19.9°C
 Air temperature: 28.9°C
 pH: 5.1
 Sp. conductance: 1 µS/cm
 Turbidity: 0 NTU

Time: 10:15

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)	<12.4	U			12,400	mg/L	WA	EPA310.1
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
1	Antimony, total recoverable	4.06	J	I	6	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	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	<120	U			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	Cyanide	<20.0	U			20.0	µg/L	ML	EPA9014

ESH-EMS-2000406

Well QA 36B collected on 05/11/00 (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	Iron, total recoverable	8.57	J	I	6	40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<8.35	JU			20.0	µg/L	ML	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Magnesium, total recoverable	<185	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			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	Nitrate-nitrite as nitrogen	19.0	J	I	6	20.0	µg/L	WA	EPA353.2
0	Phenols	<37.0	U			37.0	µg/L	WA	EPA9066
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	Sulfate	<138	U	V		340	µg/L	WA	EPA9056
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	<50,000	U			50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	<50,000	U			50,000	µg/L	WA	EPA160.1
0	Total organic carbon	209	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Carbon-14	1.79E-09±4.85E-09	U			8.31E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	-5.07E-10±1.63E-09	U			8.62E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-1.51E-09±1.25E-09	U			6.67E-09	µCi/mL	ML	EPIA-001
0	Radium-226	1.65E-10±4.56E-10	U			8.88E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.87E-10±8.08E-10	U			1.53E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.14E-10±3.26E-10	U			8.91E-10	µCi/mL	GP	EPIA-004
0	Tritium	2.10E-07±4.14E-07	U			5.83E-07	µCi/mL	ML	EPIA-002

WELL QA 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/00
 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)	<24.8	U			24,800	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	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
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	0.460	J	I	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	Nitrate-nitrite as nitrogen	<20.0	U			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	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B
0	Sulfate	167	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	7,000	J	IQ	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	208	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	JU	L	I	120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.14E-09±5.04E-09	U			8.68E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.87E-10±2.61E-10	U			5.23E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-1.35E-10±5.14E-10	U			1.22E-09	µCi/mL	GP	EPIA-001
0	Radium-226	7.59E-10±5.26E-10	J	I	6	6.82E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.46E-10±9.03E-10	U			1.78E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.31E-11±2.32E-10	U			5.51E-10	µCi/mL	GP	EPIA-004

C-6

Second Quarter 2000

WELL QA 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 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	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	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Calcium, total recoverable	<100	U		100		µg/L	GE	EPA6010B
0	Chloride	<100	U		100		µg/L	GE	EPA9056
0	Chromium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Cyanide	<5.00	U		5.00		µg/L	GE	EPA9012A
0	Fluoride	<50.0	U		50.0		µg/L	GE	EPA9056
0	Iron, total recoverable	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Magnesium, total recoverable	<20.0	U		20.0		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	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	<30.0	U	V	50.0		µg/L	GE	EPA353.1
0	PCB 1016	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1221	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1232	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1242	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1248	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1254	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	PCB 1260	<0.0971	U		0.0971		µg/L	GE	EPA8082
0	Potassium, total recoverable	30.0	J	I	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	<22.9	U	V	100		µg/L	GE	EPA6010B
0	Sulfate	<200	U		200		µg/L	GE	EPA9056
0	Thallium, total recoverable	<10.0	U		10.0		µg/L	GE	EPA6010B
0	Total phosphates (as P)	<50.0	U		50.0		µg/L	GE	EPA365.4
0	Uranium, total recoverable	<50.0	U		50.0		µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U		5.00		µg/L	GE	EPA6010B
0	Gross alpha	2.65E-11±2.15E-10	U		5.32E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.40E-10±5.79E-10	U		1.25E-09		µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	-3.30E-11±7.50E-11	U		3.25E-10		µCi/mL	GP	EPIA-010

WELL QA 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/27/00
 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	Gross alpha	1.02E-10±3.52E-10	U		8.90E-10		µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-1.81E-10±6.42E-10	U		1.62E-09		µCi/mL	GP	EPIA-001

WELL QA 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 Water temperature: 24.2°C
 Air temperature: 15.9°C
 pH: 5.4
 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	Octachlorodibenzo-p-dioxin	<1.60	U		1.60		ng/L	WA	EPA8280A
0	Acenaphthene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Acenaphthylene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Acetophenone	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	2-Acetylaminofluorene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Aluminum, total recoverable	<146	U		146		µg/L	WA	EPA6010B
0	4-Aminobiphenyl	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Aniline	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Anthracene	<10.0	JU	Q	10.0		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	Benzo(a)anthracene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.0	JU	Q	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	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Benzyl alcohol	<10.0	JU	Q	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	<10.0	JU	Q	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	11.6	J	Q	6		µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	4-Chloroaniline	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Chlorobenzilate	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	2-Chloronaphthalene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Chromium, total recoverable	<7.00	U		7.00		µg/L	WA	EPA6010B
0	Chrysene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Diallate	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Dibenz(a,h)anthracene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Dibenzofuran	<10.0	JU	Q	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	<10.0	JU	Q	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	JU	Q	10.0		µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Diethyl phthalate	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.0	JU	Q	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	JU	Q	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	JU	Q	10.0		µg/L	WA	EPA8270C
0	1,3-Dinitrobenzene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q	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	JU	Q	10.0		µg/L	WA	EPA8270C
0	1,4-Dioxane	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Diphenylamine	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Endrin	<0.102	U		0.102		µg/L	WA	EPA8081A
0	Endrin	<0.200	U		0.200		µg/L	WA	EPA8081A
0	Ethyl methacrylate	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Ethyl methanesulfonate	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Fluoranthene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Fluorene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Hexachlorobenzene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Hexachloroethane	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Hexachlorophene	<10.0	JU	Q	100		µg/L	WA	EPA8270C
0	Hexachloropropene	<10.0	JU	Q	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	Iron, total recoverable	<74.0	U		74.0		µg/L	WA	EPA6010B
0	Isophorone	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Isosafrole	<10.0	JU	Q	10.0		µg/L	WA	EPA8270C
0	Manganese, total recoverable	<7.80	U		7.80		µg/L	WA	EPA6010B

SAMPLING BLANKS RESULTS

Well QA 48B collected on 04/26/00 (cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
0	Methapyrilene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methacrylate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Methyl methanesulfonate	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	3-Methylcholanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Naphthalene	<10.0	JU	Q		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	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Naphthylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	m-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	o-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	p-Nitroaniline	<25.0	JU	Q		25.0	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	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	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodimethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomethylethylamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosomorpholine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	N-Nitrosopiperidine	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	N-Nitrosopyrrolidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	5-Nitro-o-toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	PCB 1260	<1.02	JU	Q		1.02	µg/L	WA	EPA8082
0	PCB 1260	<2.00	JU	Q		2.00	µg/L	WA	EPA8082
0	Pentachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloroethane	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pentachloronitrobenzene	<50.0	JU	Q		50.0	µg/L	WA	EPA8270C
0	Phenacetin	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Phenanthrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	p-Phenylenediamine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	2-Picoline	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pronamid	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyrene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Pyridine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Safrole	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4,5-Tetrachlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	o-Toluidine	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,2,4-Trichlorobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	1,3,5-Trinitrobenzene	<10.0	JU	Q		10.0	µg/L	WA	EPA8270C
0	Radium, total alpha-emitting	2.80E-10±3.80E-10	U			6.80E-10	µCi/mL	TM	EPA903.0M
0	Tritium	1.49E-06±4.20E-07	U			5.70E-07	µCi/mL	TM	EPA906.0M

WELL QA 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 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	Acenaphthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Acenaphthylene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Aldrin	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	alpha-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	U			10.0	µg/L	GE	EPA8270C

Well QA 50B collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bis(2-chloroethyl) ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	U			10.0	µg/L	GE	EPA8270C
2	Bis(2-ethylhexyl) phthalate	13.1	U		6	1.00	µg/L	GE	EPA8270C
0	4-Bromophenyl phenyl ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	61.9	J	I	6	100	µg/L	GE	EPA6010B
0	Carbazole	<10.0	U			10.0	µg/L	GE	EPA8270C
0	alpha-Chlordane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	4-Chloroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	4-Chloro-m-cresol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2-Chloronaphthalene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	2-Chlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Chrysene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<0.730	JU	I	46	5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	138	U		6	5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Dibenzofuran	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Di-n-butyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dichlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.500	JU	L	O	0.500	µg/L	GE	EPA8151A
0	Dieldrin	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Diethyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<20.0	U			20.0	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Diphenylamine	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endrin	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0388	U			0.0388	µg/L	GE	EPA8081A
0	Fluoranthene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Fluorene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Heptachlor	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Hexachloroethane	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Isophorone	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0194	U			0.0194	µg/L	GE	EPA8081A
0	Magnesium, total recoverable	<10.6	U	V		20.0	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	Methoxychlor	<0.194	U			0.194	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2-Methylnaphthalene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8270C
2	Nickel, total recoverable	137	U		6	5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	<50.0	U			50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	o-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	p-Nitroaniline	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Nitrobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2-Nitrophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	4-Nitrophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<10.0	U			10.0	µg/L	GE	EPA8270C

ESH-EMS-2000406

C-8

Second Quarter 2000

SAMPLING BLANKS RESULTS

Well QA 50B collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Pentachlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Phenanthrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Phenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Potassium, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Pyrene	<1.00	U			1.00	µg/L	GE	EPA8270C
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<1.07	JU	I	46	5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Total petroleum hydrocarbons	<2.080	U			2.080	µg/L	GE	EPA418.1
0	Toxaphene	<0.971	U			0.971	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.500	JU	L	O	0.500	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4,5-Trichlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	U			10.0	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Actinium-228	3.53E-09±7.98E-09	U			9.17E-09	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.16E-09±3.55E-09	U			5.83E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-2.35E-09±8.30E-09	U			1.44E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	-3.80E-10±1.33E-09	U			2.02E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-5.93E-10±1.21E-09	U			2.07E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.85E-10±1.09E-09	U			1.93E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	3.53E-10±1.42E-09	U			2.67E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-4.68E-09±3.72E-09	U			5.75E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.73E-10±3.52E-09	U			6.46E-09	µCi/mL	GP	EPIA-013
0	Europium-155	8.73E-09±7.41E-09	R		4	8.20E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	6.10E-10±5.13E-10	U			8.25E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	1.51E-10±2.67E-10	U			4.83E-10	µCi/mL	GP	EPIA-006
0	Lead-212	3.50E-10±4.30E-09	U			4.93E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	4.32E-11±1.23E-09	U			1.93E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	-2.07E-10±5.12E-10	U			1.33E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	2.33E-08±1.58E-08	U			3.20E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-9.54E-11±1.23E-09	U			2.16E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-6.39E-10±1.70E-09	U			2.77E-09	µCi/mL	GP	EPIA-013
0	Radium-226	5.37E-10±4.17E-10	U	V		4.96E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.90E-10±6.28E-10	U			1.20E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	9.69E-09±1.15E-08	U			2.02E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-7.80E-11±1.26E-09	U			2.32E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	6.04E-11±3.96E-10	U			9.04E-10	µCi/mL	GP	EPIA-004
0	Tritium	-2.92E-08±3.76E-07	U			6.61E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-5.34E-10±1.21E-09	U			2.09E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-1.31E-09±3.03E-09	U			4.30E-09	µCi/mL	GP	EPIA-013

WELL QA 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 Water temperature: 19.8°C
 Air temperature: 14.1°C
 pH: 8.3
 Sp. conductance: 1 µS/cm
 Turbidity: 1 NTU

Time: 8:30

Total alkalinity (as CaCO3): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Acenaphthylene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Aldrin	<0.0200	U		I	0.0200	µg/L	GE	EPA8081A
2	Aluminum, total recoverable	157	U		6	50.0	µg/L	GE	EPA6010B
0	Anthracene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	alpha-Benzene hexachloride	<0.0200	U		I	0.0200	µg/L	GE	EPA8081A
0	beta-Benzene hexachloride	<0.0200	U		I	0.0200	µg/L	GE	EPA8081A
0	delta-Benzene hexachloride	<0.0200	U		I	0.0200	µg/L	GE	EPA8081A
0	Benzo(a)anthracene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C

Well QA 52B collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzo(b)fluoranthene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroethyl) ether	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
2	Bis(2-ethylhexyl) phthalate	19.8	J	Q	6	1.00	µg/L	GE	EPA8270C
0	4-Bromophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Butylbenzyl phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Carbazole	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	alpha-Chlordane	<0.0200	U		I	0.0200	µg/L	GE	EPA8081A
0	gamma-Chlordane	<0.0200	U		I	0.0200	µg/L	GE	EPA8081A
0	4-Chloroaniline	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	4-Chloro-m-cresol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2-Chloronaphthalene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2-Chlorophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Chrysene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	m/p-Cresol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	o-Cresol (2-Methylphenol)	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	p,p'-DDD	<0.0400	U		I	0.0400	µg/L	GE	EPA8081A
0	p,p'-DDE	<0.0400	U		I	0.0400	µg/L	GE	EPA8081A
0	p,p'-DDT	<0.0400	U		I	0.0400	µg/L	GE	EPA8081A
0	Dibenz(a,h)anthracene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Dibenzofuran	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Di-n-butyl phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	1,2-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	1,3-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	1,4-Dichlorobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	3,3'-Dichlorobenzidine	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2,4-Dichlorophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2,4-Dichlorophenoxyacetic acid	<0.200	JU	L	I	0.200	µg/L	GE	EPA8151A
0	Dieldrin	<0.0400	U		I	0.0400	µg/L	GE	EPA8081A
0	Diethyl phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2,4-Dimethyl phenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Dimethyl phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2,4-Dinitrophenol	<20.0	JU	Q		20.0	µg/L	GE	EPA8270C
0	2,4-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2,6-Dinitrotoluene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Di-n-octyl phthalate	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Diphenylamine	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Endosulfan sulfate	<0.0400	U		I	0.0400	µg/L	GE	EPA8081A
0	Endosulfan I	<0.0200	U		I	0.0200	µg/L	GE	EPA8081A
0	Endosulfan II	<0.0400	U		I	0.0400	µg/L	GE	EPA8081A
0	Endrin	<0.0400	U		I	0.0400	µg/L	GE	EPA8081A
0	Endrin ketone	<0.0400	U		I	0.0400	µg/L	GE	EPA8081A
0	Fluoranthene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Fluorene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Heptachlor	<0.0200	U		I	0.0200	µg/L	GE	EPA8081A
0	Heptachlor epoxide	<0.0200	U		I	0.0200	µg/L	GE	EPA8081A
0	Hexachlorobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Hexachlorobutadiene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Hexachlorocyclopentadiene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Hexachloroethane	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Isophorone	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lindane	<0.0200	U		I	0.0200	µg/L	GE	EPA8081A
0	Magnesium, total recoverable	<20.0	U			20.0	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	Methoxychlor	<0.200	U		I	0.200	µg/L	GE	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2-Methylnaphthalene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Naphthalene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate as nitrogen	<50.0	U			50.0	µg/L	GE	EPA300.0
0	m-Nitroaniline	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C

SAMPLING BLANKS RESULTS

Well QA 52B collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	o-Nitroaniline	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	p-Nitroaniline	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Nitrobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2-Nitrophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	4-Nitrophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	N-Nitrosodipropylamine	<10.0	JU	LQ	C	10.0	µg/L	GE	EPA8270C
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	Pentachlorophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Phenanthrene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
0	Phenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Potassium, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Pyrene	<1.00	JU	Q		1.00	µg/L	GE	EPA8270C
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	<100	U			100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Total petroleum hydrocarbons	<2,130	JU	L	C	2,130	µg/L	GE	EPA418.1
0	Toxaphene	<1.00	U			1.00	µg/L	GE	EPA8081A
0	2,4,5-TP (Silvex)	<0.200	U			0.200	µg/L	GE	EPA8151A
0	1,2,4-Trichlorobenzene	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2,4,5-Trichlorophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	2,4,6-Trichlorophenol	<10.0	JU	Q		10.0	µg/L	GE	EPA8270C
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Actinium-228	5.08E-09±1.34E-08	U			1.33E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-8.89E-10±4.95E-09	U			8.18E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	3.90E-09±9.61E-09	U			1.68E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	3.06E-10±1.85E-09	U			3.29E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.69E-08±3.44E-09	R		4	5.89E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	1.07E-09±1.21E-09	U			2.15E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	7.18E-10±2.04E-09	U			3.70E-09	µCi/mL	GP	EPIA-013
0	Europium-152	-4.50E-09±4.99E-09	U			7.96E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-2.23E-09±5.82E-09	U			9.73E-09	µCi/mL	GP	EPIA-013
0	Europium-155	4.94E-09±4.38E-09	U			7.86E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	-6.73E-12±2.60E-10	U			6.74E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	1.94E-10±2.16E-10	U			2.95E-10	µCi/mL	GP	EPIA-006
0	Lead-212	6.53E-09±5.07E-09	J	I	6	4.65E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-8.87E-10±1.93E-09	U			3.27E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.81E-10±4.86E-10	U			1.04E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	6.77E-09±4.64E-08	U			3.20E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	-5.56E-10±1.81E-09	U			3.12E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	8.83E-10±2.23E-09	U			3.82E-09	µCi/mL	GP	EPIA-013
0	Radium-226	5.65E-10±5.18E-10	U			7.62E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.02E-10±4.69E-10	U			9.73E-10	µCi/mL	GP	EPIA-009
0	Ruthenium-106	8.42E-09±1.56E-08	U			2.87E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	-8.10E-10±2.09E-09	U			3.49E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-5.43E-10±6.59E-10	U			1.64E-09	µCi/mL	GP	EPIA-004
0	Tritium	-1.62E-07±3.47E-07	U			6.24E-07	µCi/mL	GP	EPIA-002
0	Yttrium-88	-2.31E-10±2.17E-09	U			3.97E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-3.75E-11±4.07E-09	U			7.12E-09	µCi/mL	GP	EPIA-013

WELL QA 56B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/00
 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.

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	<5.00	U			5.00	µg/L	GE	EPA6010B
2	Bis(2-ethylhexyl) phthalate	6.00			6	0.962	µg/L	GE	EPA8270C
0	Chromium, hexavalent	<10.0	U			10.0	µg/L	GE	EPA7196A
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

ESH-EMS-2000406

Well QA 56B collected on 05/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	pH	5.84	J	Q		0.100	pH	GE	EPA9040B
0	Gross alpha	-1.59E-11±3.30E-10	U			9.73E-10	µCi/mL	GP	EPIA-001
0	Radium-226	5.27E-10±5.44E-10	U			8.16E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.17E-10±2.96E-10	U			6.00E-10	µCi/mL	GP	EPIA-009
0	Uranium-233/234	-1.86E-11±1.68E-11	U			1.25E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	0.00E+00±2.00E-09	U			4.66E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	6.19E-13±3.43E-11	U			1.17E-10	µCi/mL	GP	EPIA-011

WELL QA 58B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 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.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	16.8	J	I	6	40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<5.53	JU	I	4	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	70.4	J	I	6	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
1	Iron, total recoverable	167			6	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	18.1			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	<20.0	JU	I		20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	7.09	J	I	6	30.0	µg/L	ML	EPA6010B
0	Gross alpha	-3.18E-11±1.98E-10	U			6.12E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	3.00E-11±2.18E-10	U			5.86E-10	µCi/mL	GP	EPIA-001
0	Tritium	-2.92E-07±3.62E-07	U			6.56E-07	µCi/mL	GP	EPIA-002

WELL QA 60B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 Water temperature: 27.5°C
 Air temperature: 18.5°C
 pH: 7.9
 Sp. conductance: 2 µS/cm
 Turbidity: 3 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	<5.62	JU	I	4	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	65.0	J	I	6	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	Iron, total recoverable	37.4	J	IK	IX6	40.0	µg/L	ML	EPA6010B

C-10

Second Quarter 2000

SAMPLING BLANKS RESULTS

Well QA 60B collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	2.12	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	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Gross alpha	-6.97E-11±1.80E-10	U			5.50E-10	µCi/mL	GP	EPIA-001
0	Tritium	1.89E-07±3.67E-07	U			6.26E-07	µCi/mL	GP	EPIA-002

WELL QA 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
Water temperature: 23.7°C
Air temperature: 21°C
pH: 5.4
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 13:07

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-3.56E-10±2.96E-10	U			1.14E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.42E-10±6.35E-10	U			1.50E-09	µCi/mL	GP	EPIA-001

WELL QA 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
Water temperature: 21.2°C
Air temperature: 22.1°C
pH: 5.7
Sp. conductance: 1 µS/cm
Turbidity: 1 NTU

Time: 12:48

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-3.48E-10±2.92E-10	U			1.13E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.43E-12±6.16E-10	U			1.50E-09	µCi/mL	GP	EPIA-001

WELL QA 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
Water temperature: 23.7°C
Air temperature: 20.9°C
pH: 5.4
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 14:18

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Actinium-228	7.01E-09±5.28E-09	U			9.96E-09	µCi/mL	GP	EPIA-013
0	Americium-241	3.28E-11±4.57E-11	U			8.15E-11	µCi/mL	GP	EPIA-011
0	Americium-241	-2.71E-11±7.37E-11	U			1.77E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	1.89E-09±3.71E-09	U			6.50E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	-6.98E-09±1.06E-08	U			1.69E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	1.39E-10±1.37E-09	U			2.13E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.25E-09±1.97E-09	U			2.28E-09	µCi/mL	GP	EPIA-013
0	Cobalt-57	-6.23E-11±1.36E-09	U			2.24E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.66E-10±1.42E-09	U			2.65E-09	µCi/mL	GP	EPIA-013
0	CS136	-1.39E-09±4.21E-09	U			6.01E-09	µCi/mL	GP	EPIA-013
0	Curium-242	1.22E-11±2.44E-11	U			3.66E-11	µCi/mL	GP	EPIA-011

ESH-EMS-2000406

Well QA 66B collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Curium-242	-9.20E-11±7.02E-11	U			2.03E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.81E-11±4.47E-11	U			6.73E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.61E-11±1.00E-10	U			2.08E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.00E+00±2.00E-09	U			3.76E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	8.86E-11±6.78E-11	U			9.17E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-1.29E-09±4.19E-09	U			7.05E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.32E-09±3.83E-09	U			7.19E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-2.13E-09±5.60E-09	U			9.15E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	1.42E-10±4.17E-10	U			9.42E-10	µCi/mL	GP	EPIA-001
0	Lead-212	6.10E-09±5.62E-09	R		4	5.22E-09	µCi/mL	GP	EPIA-013
0	Manganese-54	-5.14E-10±1.44E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	8.45E-10±8.71E-10	U			1.88E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.81E-08±1.81E-08	R		4	3.66E-08	µCi/mL	GP	EPIA-013
0	Promethium-144	7.06E-10±1.25E-09	U			2.29E-09	µCi/mL	GP	EPIA-013
0	Promethium-146	-6.82E-10±1.76E-09	U			2.92E-09	µCi/mL	GP	EPIA-013
0	Radium-226	3.53E-10±3.67E-10	U			5.22E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.74E-10±6.74E-10	U			1.34E-09	µCi/mL	GP	EPIA-009
0	Ruthenium-106	-1.23E-09±1.21E-08	U			2.14E-08	µCi/mL	GP	EPIA-013
0	Sodium-22	4.59E-10±1.37E-09	U			2.57E-09	µCi/mL	GP	EPIA-013
0	Strontium-90	-1.04E-10±2.77E-10	U			6.67E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-3.64E-09±8.46E-09	U			2.16E-08	µCi/mL	GP	EPIA-005
0	Thorium-228	3.91E-12±1.77E-11	U			4.98E-11	µCi/mL	GP	EPIA-012
0	Thorium-228	-3.81E-11±6.26E-11	U			1.61E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	3.91E-12±1.77E-11	U			4.98E-11	µCi/mL	GP	EPIA-012
0	Thorium-230	3.07E-11±3.64E-11	U			5.91E-11	µCi/mL	GP	EPIA-012
0	Thorium-230	2.41E-11±2.80E-11	U			2.41E-11	µCi/mL	GP	EPIA-012
0	Thorium-230	3.07E-11±3.64E-11	U			5.91E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	-2.33E-11±1.94E-11	U			8.55E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	0.00E+00±2.00E-09	U			2.41E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	-2.33E-11±1.94E-11	U			8.55E-11	µCi/mL	GP	EPIA-012
0	Tritium	-1.56E-07±3.72E-07	U			6.65E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	-3.39E-12±6.80E-12	U			7.46E-11	µCi/mL	GP	EPIA-011
0	Uranium-233/234	1.09E-11±2.95E-11	U			7.57E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	3.97E-12±3.07E-11	U			9.84E-11	µCi/mL	GP	EPIA-011
0	Uranium-235	1.09E-11±2.96E-11	U			7.59E-11	µCi/mL	GP	EPIA-011
0	Uranium-238	-1.36E-11±1.37E-11	U			1.07E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	0.00E+00±2.00E-09	U			4.30E-11	µCi/mL	GP	EPIA-011
0	Yttrium-88	1.95E-10±1.91E-09	U			2.99E-09	µCi/mL	GP	EPIA-013
0	Zinc-65	-2.37E-10±2.99E-09	U			4.67E-09	µCi/mL	GP	EPIA-013

WELL QA 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
Water temperature: 32.5°C
Air temperature: 18.5°C
pH: 4.2
Sp. conductance: 10 µS/cm
Turbidity: 0 NTU

Time: 14:16

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Tritium	0.00E+00±3.21E-07	U			4.67E-07	µCi/mL	ML	EPIA-002

WELL QA 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
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
1	Aluminum, total recoverable	43.1	J	I	6	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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020

C-11

Second Quarter 2000

Well QA 76B collected on 06/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Bis(2-ethylhexyl) phthalate	32.2			6	1.00	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Chloride	<100	U			100	µg/L	GE	EPA9056
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	JU	L	I	5.00	µg/L	GE	EPA9012A
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	<20.0	U			20.0	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	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	Phenols	<5.00	JU	Q		5.00	µg/L	GE	EPA9066
0	Phenols	<5.00	JU	Q		5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silica, total recoverable	<184	U	V		213	µg/L	GE	EPA6010B
0	Silicon	<85.9	U	V		100	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	<40.2	U	V		100	µg/L	GE	EPA6010B
0	Sulfate	<200	U			200	µg/L	GE	EPA9056
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Total phosphates (as P)	<20.0	U	V		50.0	µg/L	GE	EPA365.4
0	Vanadium, total recoverable	0.967	J	I	6	5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Actinium-228	7.79E-09±6.94E-09	U			1.44E-08	µCi/mL	GP	EPIA-013
0	Americium-241	3.21E-10±5.24E-10	U			9.62E-10	µCi/mL	GP	EPIA-011
0	Americium-241	4.34E-10±7.10E-10	U			1.30E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	-9.35E-10±5.10E-09	U			9.24E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	8.03E-09±1.60E-08	U			3.07E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	4.95E-09±4.15E-09	U			8.26E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	7.60E-09±5.00E-09	U			8.17E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	-9.95E-11±1.89E-09	U			3.42E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.86E-09±2.46E-09	U			2.95E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	9.93E-10±3.09E-09	U			4.73E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			6.02E-10	µCi/mL	GP	EPIA-011
0	Curium-242	-6.52E-11±1.31E-10	U			1.43E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.31E-10±1.53E-10	U			1.27E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.19E-10±1.68E-10	U			1.54E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.23E-10±6.01E-10	U			6.35E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	0.00E+00±2.00E-09	U			8.59E-10	µCi/mL	GP	EPIA-011
0	Europium-152	-1.65E-09±6.06E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
0	Europium-154	4.99E-10±4.75E-09	U			9.61E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.49E-09±6.76E-09	U			1.18E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	-1.25E-10±1.29E-10	U			5.86E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-1.75E-09±4.38E-09	U			6.71E-09	µCi/mL	GP	EPIA-006
0	Lead-212	2.48E-09±6.80E-09	U			7.08E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	-1.47E-08±1.52E-08	U			3.72E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	-7.29E-10±1.31E-08	U			3.22E-08	µCi/mL	GP	EPIA-022
0	Nickel-63	-1.47E-08±1.52E-08	U			3.72E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	5.92E-10±5.59E-10	U			1.17E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.68E-10±8.02E-10	U			1.71E-09	µCi/mL	GP	EPIA-011
0	Plutonium-238	6.67E-11±6.63E-10	U			1.45E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-4.96E-11±4.99E-10	U			1.25E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.52E-12±2.63E-10	U			7.28E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	1.34E-08±3.50E-08	U			3.88E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	9.88E-11±2.28E-09	U			4.24E-09	µCi/mL	GP	EPIA-013
0	Radium-226	9.99E-10±6.93E-10	J	I	6	8.98E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.55E-10±5.49E-10	U			1.19E-09	µCi/mL	GP	EPIA-009
0	Radium-228	2.55E-10±5.49E-10	U			1.19E-09	µCi/mL	GP	EPIA-009
0	Radium-228	2.55E-10±5.49E-10	U			1.19E-09	µCi/mL	GP	EPIA-009
0	Radium-228	1.16E-10±5.30E-10	U			1.17E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.66E-11±5.89E-10	JU	L	I	1.40E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-1.32E-09±3.47E-09	U			8.85E-09	µCi/mL	GP	EPIA-005
0	Thallium-208	-4.66E-10±1.87E-09	U			3.34E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	-2.03E-10±4.01E-10	U			1.12E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	2.59E-10±3.49E-10	U			6.24E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-6.98E-11±9.93E-11	U			5.50E-10	µCi/mL	GP	EPIA-012
0	Tritium	-2.98E-07±3.84E-07	U			6.97E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.36E-10±3.69E-10	U			9.47E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	2.28E-10±4.14E-10	U			7.85E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	1.80E-10±3.61E-10	U			5.40E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	6.96E-11±3.06E-10	U			6.77E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	1.79E-10±3.60E-10	U			5.38E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-2.73E-11±1.77E-10	U			5.32E-10	µCi/mL	GP	EPIA-011

WELL QA 80B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/00
 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.
 Unfiltered sample.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-3.57E-10±1.61E-10	JU			8.30E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.53E-10±5.23E-10	U			1.18E-09	µCi/mL	GP	EPIA-001
0	Strontium-90	-2.45E-10±2.72E-10	U			6.67E-10	µCi/mL	GP	EPIA-004

WELL TRP107B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 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	V		5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<8.87	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 TRP108B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 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 TRP108B collected on 04/27/00 (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
1	Dichloromethane	2.60	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 TRP109B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
 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	<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	JU	L	I	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

WELL TRP110B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/00
 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	<3.70	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	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 TRP113B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 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	<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

C-13

Second Quarter 2000

SAMPLING BLANKS RESULTS

Well TRP113B collected on 04/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	0.0891	J	I	8	1.00	µg/L	GE	EPA8260B

WELL TRP114B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 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	Y		1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B

WELL TRP115B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 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	Y		1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	GE	EPA8260B

ESH-EMS-2000406

Well TRP115B collected on 05/11/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Chloroethyl vinyl ether	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<2.49	U	VY		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B

WELL TRP116B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 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	Y		1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U	Y		5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<2.01	U	VY		5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U	Y		1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U	Y		1.00	µg/L	GE	EPA8260B

WELL TRP117B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 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	<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	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP119B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/00
 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

(cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
---	---------	--------	---	---	---	-----	------	-----	--------

ESH-EMS-2000406

Well TRP119B collected on 05/03/00 (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	<2.20	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 TRP120B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
 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	<2.10	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 TRP125B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/00
 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

Well TRP125B collected on 04/27/00 (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	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	<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
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 TRP128B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/00
 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	<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	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	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

ESH-EMS-2000406

WELL TRP129B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/00
 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	<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	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	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 TRP130B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/00
 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	<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	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

C-16

Second Quarter 2000

Well TRP130B collected on 04/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Dichloromethane	<2.89	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	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 TRP131B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 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	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
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 disulfide	<5.00	JU	L	O	5.00	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	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	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	JU	L	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
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
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	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	JU	L	O	3.00	µg/L	GE	EPA8260B

WELL TRP132B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 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	1.66	J	IL	O8	5.00	µg/L	GE	EPA8260B
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 disulfide	<5.00	JU	L	O	5.00	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	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	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	GE	EPA8260B
0	Dichloromethane	<3.62	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
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
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	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	JU	L	O	3.00	µg/L	GE	EPA8260B

WELL TRP133B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/00
 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	1.45	J	IL	O8	5.00	µg/L	GE	EPA8260B
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 disulfide	<5.00	JU	L	O	5.00	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	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

Well TRP133B collected on 06/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	GE	EPA8260B
0	Dichloromethane	<3.90	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
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
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	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	JU	L	O	3.00	µg/L	GE	EPA8260B

WELL TRP143B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/00
 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	<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	0.139	J	I	8	1.00	µg/L	GE	EPA8260B

WELL TRP144B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
 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	JU			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	<5.00	U			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	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	<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 TRP145B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 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	<5.00	U			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	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	<6.20	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	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 TRP147B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 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	Bromochloromethane	<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	1,2-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	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	trans-1,2-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-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	1.90	J	I	8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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 TRP149B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
 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	Bromochloromethane	<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	1,2-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	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	2.40	J	I	8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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 TRP150B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/16/00
 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	Bromochloromethane	<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	1,2-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	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
1	Dichloromethane	4.30	J	I	8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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 TRP151A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
 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	1.90	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 TRP151B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 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	Bromochloromethane	<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

ESH-EMS-2000406

Well TRP151B collected on 06/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	1,2-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	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
1	Dichloromethane	3.10	J	I	8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<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 TRP154B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/00
 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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP155B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
 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 TRP155B collected on 04/26/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP156B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP157B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/00
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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP158B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/00
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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP159B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/00
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 TRP159B collected on 04/26/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP161B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
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	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<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 TRP162B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/00
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	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<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 TRP163B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
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	Carbon tetrachloride	<1.00	U			1.00	µg/L	WA	EPA8021B
0	Chloroform	<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 TRP184B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/00
 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	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

WELL TRP194B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/00
 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	13.7			X8	10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B

ESH-EMS-2000406

Well TRP194B collected on 05/03/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<8.04	U	V	X	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<3.68	U	V	X	10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	1.98	J	I	X8	10.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	1.99	J	I	X8	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	1.12	J		X8	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		X	5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U		X	10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		X	5.00	µg/L	WA	EPA8260B

WELL TRP196B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/00
 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	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

C-23

Second Quarter 2000

WELL TRP197B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 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	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	23.0		8		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
1	Tetrachloroethylene	3.31		8		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	117		8		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 TRP198B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/00
 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	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

ESH-EMS-2000406

Well TRP198B collected on 05/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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

WELL TRP206B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/00
 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	<2.01	U	V		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	<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	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

C-24

Second Quarter 2000

WELL TRP207B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/00
 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	<5.86	U	V		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

(cont.)

F	Analyte	Result	R	A	B	SQL	Unit	Lab	Method
---	---------	--------	---	---	---	-----	------	-----	--------

Well TRP207B collected on 05/18/00 (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	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	<4.85	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 TRP208B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/00
 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	<3.20	U	V		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

ESH-EMS-2000406

Well TRP208B collected on 05/22/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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		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 TRP211B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/18/00
 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	<3.89	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	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorotrifluoroethane	<5.00	U			5.00	µg/L	GE	EPA8260B

C-25

Second Quarter 2000

WELL TRP212B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/00
 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	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	<3.94	U	V		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	<5.00	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	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.02	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	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	Styrene	<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	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP213B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/00
 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	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	<5.00	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

ESH-EMS-2000406

Well TRP213B collected on 05/12/00 (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	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.94	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	2-Hexanone	<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	Styrene	<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	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP217B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/00
 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	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	<5.00	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	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Dichloromethane	6.69			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	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	Styrene	<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	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

C-26

Second Quarter 2000

WELL TRP218B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 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	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	<5.00	JU	L	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
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	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B

WELL TRP219B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/00
 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	<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

ESH-EMS-2000406

Well TRP219B collected on 06/13/00 (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 TRP220B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
 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	JU	L	I	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	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP221B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/15/00
 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	JU	L	I	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

C-27

Second Quarter 2000

Well TRP221B collected on 06/15/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP222B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 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	0.404	J	I	8	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	1.05	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	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP223B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 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	<8.67	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 TRP224B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/00
 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	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	<5.00	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	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

SAMPLING BLANKS RESULTS

Well TRP224B collected on 05/17/00 (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	2-Hexanone	<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	Styrene	<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	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP226B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/00
 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.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP227B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/00
 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.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
2	Dichloromethane	5.20	J	I	O8	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	1.40	J	I	O8	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B

ESH-EMS-2000406

Well TRP227B collected on 06/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichlorofluoromethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B

WELL TRP240B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 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.

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	1.03	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	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP247B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
 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.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<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	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

C-29

Second Quarter 2000

Well TRP247B collected on 06/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	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 TRP247B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
 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 TRP256A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/00
 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	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	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-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

Appendix D. Analytical and Sampling Blanks Results for Verification Projects

This section presents the field and analytical results for samples for projects requiring verification only collected during second quarter 2000. Data collected from these wells were not subjected to the full SRS Groundwater Monitoring Program standard verification and validation processes and are therefore not presented in the **Analytical Results** table in Appendix B of this report.

NOTES

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Analytical and Sampling Blank Results for Verification Projects

WELL CMP 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: 76.2 ft (23.23 m) below TOC
 Water elevation: Not available
 pH: 6.3
 Sp conductance: 30 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 7 gal

Time: 11:59
 Water temperature: 24.5°C
 Air temperature: 29.2°C
 Total alkalinity (as CaCO₃): 48 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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
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
1	Dichloromethane (Methylene chloride)	<5.00	3.25	J	I	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	<5.00	811			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	<5.00	424	J	K	I	5.00	µg/L	ML
0	Vinyl acetate	<25.0	U			25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	ML	EPA8260B

WELL CMP 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: 77.17 ft (23.52 m) below TOC
 Water elevation: Not available
 pH: 5.2
 Sp conductance: 20 µS/cm
 Turbidity: 10 NTU
 Water evacuated from the well prior to sampling: 26 gal

Time: 11:13
 Water temperature: 21.2°C
 Air temperature: 30.1°C
 Total alkalinity (as CaCO₃): 4 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

LABORATORY 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 (Methyl bromide)	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<50.0	U			50.0	µg/L	ML	EPA8260B

Well CMP 45D collected on 06/29/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 (Methyl chloride)	<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
0	1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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	1,440	U			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	678	J	K	I	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 CMP 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: 83.38 ft (25.41 m) below TOC
 Water elevation: Not available
 pH: 6.3
 Sp conductance: 23 µS/cm
 Turbidity: 3 NTU
 Water evacuated from the well prior to sampling: 9 gal

Time: 10:22
 Water temperature: 22.4°C
 Air temperature: 32.3°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

LABORATORY 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 (Methyl bromide)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	0.510	J	I		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	0.520	J	I		1.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<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 (Methylene chloride)	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
2	Tetrachloroethylene	283	U			1.00	µg/L	ML	EPA8260B
0	Toluene	2.54	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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well CMP 46D collected on 06/29/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Trichloroethylene	144	J	K	I	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 CMP 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
 Depth to water: 83.28 ft (25.38 m) below TOC
 Water elevation: Not available
 pH: 6.4
 Sp conductance: 48 µS/cm
 Turbidity: 10 NTU
 Water evacuated from the well prior to sampling: 22 gal

Time: 16:08
 Water temperature: 27.5°C
 Air temperature: 37.2°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 17 mg/L
 Field Qualifier(s): V

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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
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 (Methylene chloride)	<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

WELL CMP 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: 67.7 ft (20.64 m) below TOC
 Water elevation: Not available
 pH: 6
 Sp conductance: 21 µS/cm
 Turbidity: 5 NTU
 Water evacuated from the well prior to sampling: 19 gal

Time: 15:02
 Water temperature: 21.3°C
 Air temperature: 30.9°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): V

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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 CMP 48D collected on 06/29/00 (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 (Methylene chloride)	<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	2,430				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	983	J	K	I	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 CMP 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/30/00
 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: .
 Water temperature: Not available
 Air temperature: Not available
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

LABORATORY 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 (Methyl bromide)	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Carbon disulfide	<50.0	U			50.0	µg/L	ML	EPA8260B
2	Carbon tetrachloride	8.20	J	I		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 (Methyl chloride)	<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
0	1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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	1,400				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	526				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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

WELL CMP 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: 72.85 ft (22.2 m) below TOC
 Water elevation: Not available
 pH: 9.3
 Sp conductance: 162 µS/cm
 Turbidity: 3 NTU
 No water was evacuated from the well prior to sampling.

Time: 9:16
 Water temperature: 20.9°C
 Air temperature: 27.1°C
 Total alkalinity (as CaCO₃): 43 mg/L
 Phenolphthalein alkalinity: 10 mg/L
 Field Qualifier(s): V

LABORATORY 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	0.480	J	I		1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<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	1.24	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<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 (Methylene chloride)	2.48	J	I		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
2	Tetrachloroethylene	62.8				1.00	µg/L	ML	EPA8260B
0	Toluene	0.390	J	I		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	22.7	J	K	I	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 CMP 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/28/00
 Depth to water: 40.69 ft (12.4 m) below TOC
 Water elevation: Not available
 pH: Not available
 Sp conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 32 gal

Time: 13:28
 Water temperature: Not available
 Air temperature: 37.3°C
 Total alkalinity (as CaCO₃): 26 mg/L
 Phenolphthalein alkalinity: 32 mg/L
 Field Qualifier(s): V

LABORATORY 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 (Methyl bromide)	<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

Well CMP 51D collected on 06/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 (Methyl chloride)	<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 (Methylene chloride)	<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
2	Tetrachloroethylene	26.1				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	10.0	J	K	I	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 CSD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/00
 Depth to water: 73.3 ft (22.34 m) below TOC
 Water elevation: 242.1 ft (73.79 m) msl
 pH: Not available
 Sp conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: 9:31
 Water temperature: Not available
 Air temperature: 28.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 1 mg/L
 Field Qualifier(s): B

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.971	U			0.971	µg/L	GE	EPA8270C
2	Aluminum, total recoverable	224				50.0	µg/L	GE	EPA6010B
0	Anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
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	27.9				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzo(a)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	531				100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	1.80	J	I		5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Coba<, total recoverable	1.21	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<4.16	U	V		5.00	µg/L	GE	EPA6010B
0	Dibenz(a,h)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Fluorene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Iron, total recoverable	139				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	315				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	<3.14	U	V		10.0	µg/L	GE	EPA6010B
0	Methyl tert-butyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well CSD 1D collected on 06/22/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Naphthalene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Phenanthrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Potassium, total recoverable	1,390				100	µg/L	GE	EPA6010B
0	Pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
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	2,220				100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	1.27				1.00	µg/L	GE	EPA8260B
0	TPH by GC/FID Diesel Range Organics	429	J	L	CI	250	µg/L	GE	EPA8015B
0	TPH by GC/FID Gasoline Range Organics	<34.7	JU	LV	O	50.0	µg/L	GE	EPA8015B
0	Vanadium, total recoverable	0.912	J	I		5.00	µg/L	GE	EPA6010B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	8.71				5.00	µg/L	GE	EPA6010B

WELL CSD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 67.66 ft (20.62 m) below TOC
 Water elevation: 240.84 ft (73.41 m) msl
 pH: 9.2
 Sp conductance: 109 µS/cm
 Turbidity: 2 NTU
 No water was evacuated from the well prior to sampling.

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.971	U			0.971	µg/L	GE	EPA8270C
2	Aluminum, total recoverable	234				50.0	µg/L	GE	EPA6010B
0	Anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	3.12	J	I		5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	51.6				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzo(a)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	14,900				100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	5.07				5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Cobac-, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<3.43	U	V		5.00	µg/L	GE	EPA6010B
0	Dibenz(a,h)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Fluorene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Iron, total recoverable	79.4				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	2.73	J	I		5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	876				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	<1.82	U	V		10.0	µg/L	GE	EPA6010B
0	Methyl tert-butyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Naphthalene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Phenanthrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Potassium, total recoverable	3,780				100	µg/L	GE	EPA6010B
0	Pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	1.04	J	I		5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	4,360				100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	TPH by GC/FID Diesel Range Organics	<16.8	JU	LV	CI	50.0	µg/L	GE	EPA8015B
0	TPH by GC/FID Gasoline Range Organics	<60.9	JU	LV	O	50.0	µg/L	GE	EPA8015B

ESH-EMS-2000406

Well CSD 4D collected on 06/21/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Vanadium, total recoverable	7.44				5.00	µg/L	GE	EPA6010B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

WELL CSD 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 Depth to water: 58.12 ft (17.72 m) below TOC
 Water elevation: 240.08 ft (73.18 m) msl
 pH: 5.1
 Sp conductance: 35 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 13:02
 Water temperature: 25.3°C
 Air temperature: 34.5°C
 Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.971	U			0.971	µg/L	GE	EPA8270C
2	Aluminum, total recoverable	156				50.0	µg/L	GE	EPA6010B
0	Anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
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	62.8				5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzo(a)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	392				100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	3.80				5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.971	U	I		0.971	µg/L	GE	EPA8270C
0	Cobac-, total recoverable	2.75	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<10.3	U	V		5.00	µg/L	GE	EPA6010B
0	Dibenz(a,h)anthracene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Fluorene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
2	Iron, total recoverable	364				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	9.92				5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	641				20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	11.5				10.0	µg/L	GE	EPA6010B
0	Methyl tert-butyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Naphthalene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Nickel, total recoverable	3.52	J	I		5.00	µg/L	GE	EPA6010B
0	Phenanthrene	<0.971	U			0.971	µg/L	GE	EPA8270C
0	Potassium, total recoverable	1,920				100	µg/L	GE	EPA6010B
0	Pyrene	<0.971	U			0.971	µg/L	GE	EPA8270C
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	4,070				100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	TPH by GC/FID Diesel Range Organics	<20.8	JU	LV	CI	50.0	µg/L	GE	EPA8015B
0	TPH by GC/FID Gasoline Range Organics	<61.3	JU	LV	O	50.0	µg/L	GE	EPA8015B
0	Vanadium, total recoverable	1.68	J	I		5.00	µg/L	GE	EPA6010B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	21.0				5.00	µg/L	GE	EPA6010B

D-6

Second Quarter 2000

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

WELL CSD 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/00
 Depth to water: 56.81 ft (17.32 m) below TOC
 Water elevation: 239.79 ft (73.09 m) msl
 pH: 5
 Sp conductance: 9,002 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 1030 gal

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Aluminum, total recoverable	<74.9	U	V		50.0	µg/L	GE	EPA6010B
0	Anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
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	49.9	U			5.00	µg/L	GE	EPA6010B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Benzo(a)anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	392	U			100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	1.08	J	I		5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Coba<, total recoverable	2.22	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	2.07	J	I		5.00	µg/L	GE	EPA6010B
0	Dibenz(a,h)anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Fluorene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Iron, total recoverable	67.9	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	2.29	J	I		5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	531	U			20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	5.12	J	I		10.0	µg/L	GE	EPA6010B
0	Methyl tert-butyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Naphthalene	<9.80	U			9.80	µg/L	GE	EPA8270C
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Phenanthrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Potassium, total recoverable	1,350	U			100	µg/L	GE	EPA6010B
0	Pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
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	2,210	U			100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	TPH by GC/FID Diesel Range Organics	<33.3	JU	LV	CIO	50.0	µg/L	GE	EPA8015B
0	TPH by GC/FID Gasoline Range Organics	<42.7	JU	LV	CO	50.0	µg/L	GE	EPA8015B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	9.29	U			5.00	µg/L	GE	EPA6010B

WELL CSD 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 53.55 ft (16.32 m) below TOC
 Water elevation: 239.45 ft (72.99 m) msl
 pH: 5
 Sp conductance: 38 µS/cm
 Turbidity: 9 NTU
 Water evacuated from the well prior to sampling: 24 gal

Time: 8:35
 Water temperature: 23.3°C
 Air temperature: 31.2°C
 Total alkalinity (as CaCO₃): 3 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

Well CSD 11D collected on 06/20/00 (cont.)

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Aluminum, total recoverable	<103	U	V		50.0	µg/L	GE	EPA6010B
0	Anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
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	41.7	U			5.00	µg/L	GE	EPA6010B
0	Benzene	<0.469	U	V		1.00	µg/L	GE	EPA8260B
0	Benzo(a)anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	3,600	U			100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Coba<, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Dibenz(a,h)anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Fluorene	1.92	U			0.980	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Iron, total recoverable	35.8	J	I		50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	2.60	J	I		5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	591	U			20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	10.5	U			10.0	µg/L	GE	EPA6010B
0	Methyl tert-butyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Naphthalene	4.63	U			0.980	µg/L	GE	EPA8270C
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Phenanthrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Potassium, total recoverable	1,040	U			100	µg/L	GE	EPA6010B
0	Pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
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	2,720	U			100	µg/L	GE	EPA6010B
2	Thallium, total recoverable	4.97	J	I		10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	TPH by GC/FID Diesel Range Organics	<119	JU	LV	CIO	50.0	µg/L	GE	EPA8015B
0	TPH by GC/FID Gasoline Range Organics	54.6	J	L	O	50.0	µg/L	GE	EPA8015B
0	Vanadium, total recoverable	1.82	J	I		5.00	µg/L	GE	EPA6010B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	4.87	J	I		5.00	µg/L	GE	EPA6010B

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 61.29 ft (18.68 m) below TOC
 Water elevation: 240.31 ft (73.25 m) msl
 pH: 5
 Sp conductance: 32 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 12:02
 Water temperature: 24.3°C
 Air temperature: 37.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Aluminum, total recoverable	<67.7	U	V		50.0	µg/L	GE	EPA6010B
0	Anthracene	<0.863	U			0.863	µg/L	GE	EPA8270C
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	40.4	U			5.00	µg/L	GE	EPA6010B
0	Benzene	<0.359	U	V		1.00	µg/L	GE	EPA8260B
0	Benzo(a)anthracene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Benzo(b)fluoranthene	<0.863	U			0.863	µg/L	GE	EPA8270C

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well CSD 12D collected on 06/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzo(k)fluoranthene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	872				100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Coba<, total recoverable	2.63	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	5.40				5.00	µg/L	GE	EPA6010B
0	Dibenz(a,h)anthracene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Fluorene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<0.863	U			0.863	µg/L	GE	EPA8270C
1	Iron, total recoverable	170				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	5.03				5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	722				20.0	µg/L	GE	EPA6010B
1	Manganese, total recoverable	27.0				10.0	µg/L	GE	EPA6010B
0	Methyl tert-butyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Naphthalene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Phenanthrene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Potassium, total recoverable	759				100	µg/L	GE	EPA6010B
0	Pyrene	<0.863	U			0.863	µg/L	GE	EPA8270C
0	Selenium, total recoverable	<5.00				5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	2,290				100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	TPH by GC/FID Diesel Range Organics	<24.1	JU	LV	CO	50.0	µg/L	GE	EPA8015B
0	TPH by GC/FID Gasoline Range Organics	<50.0	JU	L	O	50.0	µg/L	GE	EPA8015B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	26.3				5.00	µg/L	GE	EPA6010B

WELL CSD 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 Depth to water: 50.36 ft (15.35 m) below TOC
 Water elevation: 239.14 ft (72.89 m) msl
 pH: 5.1
 Sp conductance: 27 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 44 gal

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Acenaphthylene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Aluminum, total recoverable	<69.9	U	V		50.0	µg/L	GE	EPA6010B
0	Anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
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	29.4				5.00	µg/L	GE	EPA6010B
0	Benzo(a)anthracene	<1.86	U	V		1.00	µg/L	GE	EPA8260B
0	Benzo(b)fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(k)fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(g,h,i)perylene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Benzo(a)pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	983				100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Chrysene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Coba<, total recoverable	1.57	J	I		5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Dibenz(a,h)anthracene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Fluoranthene	<0.980	U			0.980	µg/L	GE	EPA8270C

ESH-EMS-2000406

Well CSD 13D collected on 06/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Fluorene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
1	Iron, total recoverable	178				50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	473				20.0	µg/L	GE	EPA6010B
1	Manganese, total recoverable	28.3				10.0	µg/L	GE	EPA6010B
0	Methyl tert-butyl ether	0.636	J	IK	O	5.00	µg/L	GE	EPA8260B
0	Naphthalene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Naphthalene	2.74	J	K	O	1.00	µg/L	GE	EPA8260B
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Phenanthrene	<0.980	U			0.980	µg/L	GE	EPA8270C
0	Potassium, total recoverable	905				100	µg/L	GE	EPA6010B
0	Pyrene	<0.980	U			0.980	µg/L	GE	EPA8270C
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	2,510				100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	TPH by GC/FID Diesel Range Organics	<118	JU	LV	CIO	50.0	µg/L	GE	EPA8015B
0	TPH by GC/FID Gasoline Range Organics	39.2	J	IL	O	50.0	µg/L	GE	EPA8015B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B
0	Zinc, total recoverable	6.40				5.00	µg/L	GE	EPA6010B

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
 Depth to water: 118.78 ft (36.2 m) below TOC
 Water elevation: 202.92 ft (61.85 m) msl
 pH: 4.8
 Sp conductance: 81 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 103 gal

Time: 9:38
 Water temperature: 19.3°C
 Air temperature: 19.8°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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
0	1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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
0	Tetrachloroethylene	<10.0	U			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	1,540	J	K	O	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

D-8

Second Quarter 2000

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/00
 Depth to water: 118.75 ft (36.2 m) below TOC
 Water elevation: 202.95 ft (61.86 m) msl
 pH: 4.6
 Sp conductance: 82 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 123 gal

Time: 9:11
 Water temperature: 19.7°C
 Air temperature: 22.6°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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
0	1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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
0	Tetrachloroethylene	<10.0	U			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	1.500				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 MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: 118.75 ft (36.2 m) below TOC
 Water elevation: 202.95 ft (61.86 m) msl
 pH: 5.9
 Sp conductance: 82 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 96 gal

Time: 10:26
 Water temperature: 20.8°C
 Air temperature: 28.2°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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

Well MSB 40B collected on 06/29/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloromethane (Methyl chloride)	<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
1	1,2-Dichloroethylene	29.3				10.0	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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
0	Tetrachloroethylene	<10.0	U			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	1.390	J	K	I	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 MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
 Depth to water: 118.7 ft (36.18 m) below TOC
 Water elevation: 203.3 ft (61.97 m) msl
 pH: 5.4
 Sp conductance: 51 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 28 gal

Time: 10:02
 Water temperature: 20°C
 Air temperature: 20.6°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 2 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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	6.95	J	K	O	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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/00
 Depth to water: 118.65 ft (36.16 m) below TOC
 Water elevation: 203.35 ft (61.98 m) msl
 pH: 4.9
 Sp conductance: 50 µS/cm
 Turbidity: 2 NTU
 Water evacuated from the well prior to sampling: 38 gal

Time: 9:25
 Water temperature: 20.4°C
 Air temperature: 22.3°C
 Total alkalinity (as CaCO₃): 2 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY ANALYSES

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 (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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	7.56	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

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: 118.65 ft (36.16 m) below TOC
 Water elevation: 203.35 ft (61.98 m) msl
 pH: 6.3
 Sp conductance: 50 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 33 gal

Time: 10:36
 Water temperature: 21.3°C
 Air temperature: 27.9°C
 Total alkalinity (as CaCO₃): 5 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B

Well MSB 40C collected on 06/29/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
0	1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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
0	Tetrachloroethylene	<10.0	U			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	1.500	U			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 MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: 118.75 ft (36.2 m) below TOC
 Water elevation: 202.95 ft (61.86 m) msl
 pH: 5.9
 Sp conductance: 82 µS/cm
 Turbidity: 0 NTU
 Water evacuated from the well prior to sampling: 96 gal

Time: 10:26
 Water temperature: 20.8°C
 Air temperature: 28.2°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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	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 (Methylene chloride)	<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	6.68	J	K	I	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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/00
 Depth to water: 118.76 ft (36.2 m) below TOC
 Water elevation: 207.94 ft (63.38 m) msl
 pH: 5.3
 Sp conductance: 77 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 95 gal

Time: 11:23
 Water temperature: 20.5°C
 Air temperature: 25.1°C
 Total alkalinity (as CaCO₃): 2 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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
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 (Methylene chloride)	<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
0	Tetrachloroethylene	<20.0	U			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	2,810	J	K	O	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 MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/00
 Depth to water: 118.76 ft (36.2 m) below TOC
 Water elevation: 207.94 ft (63.38 m) msl
 pH: 5.1
 Sp conductance: 80 µS/cm
 Turbidity: 4 NTU
 Water evacuated from the well prior to sampling: 113 gal

Time: 11:21
 Water temperature: 21.3°C
 Air temperature: 29.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 1 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<10.0	U			10.0	µg/L	ML	EPA8260B

Well MSB 75B collected on 05/22/00 (cont.)
F Analyte Result FG S EMS SQL Unit Lab Method
ESH-EMS-2000406

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
0	1,2-Dichloroethylene	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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
0	Tetrachloroethylene	<10.0	U			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	2,430				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 MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: 118.74 ft (36.19 m) below TOC
 Water elevation: 207.96 ft (63.39 m) msl
 pH: 6.2
 Sp conductance: 80 µS/cm
 Turbidity: 6 NTU
 Water evacuated from the well prior to sampling: 94 gal

Time: 12:00
 Water temperature: 21.3°C
 Air temperature: 27.9°C
 Total alkalinity (as CaCO₃): 6 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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
1	1,2-Dichloroethylene	49.5				10.0	µg/L	ML	EPA8260B
1	1,2-Dichloroethylene	49.5				10.0	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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
0	Tetrachloroethylene	<10.0	U			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	2,750	J	K	I	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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 119.48 ft (36.42 m) below TOC
 Water elevation: 208.02 ft (63.41 m) msl
 pH: Not available
 Sp conductance: Not available
 Turbidity: Not available
 Water evacuated from the well prior to sampling: 6 gal

Time: 9:34
 Water temperature: Not available
 Air temperature: 16.3°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/00
 Depth to water: 119.67 ft (36.48 m) below TOC
 Water elevation: 207.83 ft (63.35 m) msl
 pH: 4.5
 Sp conductance: 52 µS/cm
 Turbidity: 3 NTU
 No water was evacuated from the well prior to sampling.

Time: 11:01
 Water temperature: 22°C
 Air temperature: 27.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B

Well MSB 75C collected on 05/22/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 (Methylene chloride)	<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	16.6				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 MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/29/00
 Depth to water: 119.63 ft (36.46 m) below TOC
 Water elevation: 207.87 ft (63.36 m) msl
 pH: 5.8
 Sp conductance: 52 µS/cm
 Turbidity: 1 NTU
 Water evacuated from the well prior to sampling: 30 gal

Time: 12:32
 Water temperature: 22.6°C
 Air temperature: 27.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L
 Field Qualifier(s): S

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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	3.68				1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	3.68				1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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	23.2	J	K	I	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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

WELL SSM 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 87.29 ft (26.61 m) below TOC
 Water elevation: Not available
 pH: 4.5
 Sp conductance: 43 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 13:40
 Water temperature: 19.4°C
 Air temperature: 22.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	< 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 (Methyl chloride)	< 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	6.09	J	K	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	< 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	407	J	K	O	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 SSM 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
 Depth to water: 87.47 ft (26.66 m) below TOC
 Water elevation: Not available
 pH: 4.2
 Sp conductance: 39 µS/cm
 Turbidity: 1 NTU

Time: 10:00
 Water temperature: 18.5°C
 Air temperature: 20.4°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	69.2	J	L	O	20.0	µg/L	ML	EPA8260B
0	Benzene	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromoform	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Carbon disulfide	< 10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chlorobenzene	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroethane	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroform	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B

Well SSM 10B collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethane	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	< 20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Ethylbenzene	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	2-Hexanone	< 10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	< 10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	< 10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Styrene	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Toluene	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
2	Trichloroethylene	421	J	L	O	2.00	µg/L	ML	EPA8260B
0	Vinyl acetate	< 10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Xylenes	< 2.00	JU	L	O	2.00	µg/L	ML	EPA8260B

WELL SSM 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 87.29 ft (26.61 m) below TOC
 Water elevation: Not available
 pH: 3.8
 Sp conductance: 106 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 14:07
 Water temperature: 19.3°C
 Air temperature: 23.6°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	18.5	J	K	O	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 (Methyl bromide)	< 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 (Methyl chloride)	< 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	1.73	J	K	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	< 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
2	Tetrachloroethylene	7.14	J	K	O	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	179	J	K	O	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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

WELL SSM 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
 Depth to water: 87.47 ft (26.66 m) below TOC
 Water elevation: Not available
 pH: 4.1
 Sp conductance: 90 µS/cm
 Turbidity: 1 NTU

Time: 10:38
 Water temperature: 18.5°C
 Air temperature: 21.5°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
1	Tetrachloroethylene	4.07	J	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	189	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL SSM 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/00
 Depth to water: 115.25 ft (35.13 m) below TOC
 Water elevation: Not available
 pH: 4.4
 Sp conductance: 49 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 11:54
 Water temperature: 21.1°C
 Air temperature: 25.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<50.0	U			50.0	µg/L	ML	EPA8260B
0	Dibromochloromethane	<50.0	U			50.0	µg/L	ML	EPA8260B

Well SSM 11B collected on 04/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
2	1,2-Dichloroethylene	129	J	K	O	50.0	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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	281	J	K	O	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	16,300	J	K	O	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 SSM 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.3
 Sp conductance: 51 µS/cm
 Turbidity: 2 NTU

Time: 14:23
 Water temperature: 24°C
 Air temperature: 35.7°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<1,000	JU	L	O	1,000	µg/L	ML	EPA8260B
0	Benzene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Bromodichloromethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Bromoform	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Carbon disulfide	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chlorobenzene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloroform	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Dibromochloromethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<1,000	JU	L	O	1,000	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	Ethylbenzene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	2-Hexanone	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Styrene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
2	Tetrachloroethylene	191	J	L	O	100	µg/L	ML	EPA8260B
0	Toluene	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<100	JU	L	O	100	µg/L	ML	EPA8260B
2	Trichloroethylene	19,600	J	L	O	100	µg/L	ML	EPA8260B
0	Vinyl acetate	<500	JU	L	O	500	µg/L	ML	EPA8260B
0	Xylenes	<100	JU	L	O	100	µg/L	ML	EPA8260B

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

WELL SSM 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/00
 Depth to water: 115.25 ft (35.13 m) below TOC
 Water elevation: Not available
 pH: 6.7
 Sp conductance: 93 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 12:18
 Water temperature: 22°C
 Air temperature: 28.5°C
 Total alkalinity (as CaCO₃): 9 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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	5.00	J	K	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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
2	Tetrachloroethylene	7.61	J	K	O	1.00	µg/L	ML	EPA8260B
0	Toluene	0.250	J	IK	O	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	419	J	K	O	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 SSM 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6.3
 Sp conductance: 84 µS/cm
 Turbidity: 2 NTU

Time: 14:56
 Water temperature: 23.1°C
 Air temperature: 33.1°C
 Total alkalinity (as CaCO₃): 13 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Benzene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromoform	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroform	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B

Well SSM 11C collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Styrene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	9.32	J	L	O	2.00	µg/L	ML	EPA8260B
0	Toluene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
2	Trichloroethylene	559	J	L	O	2.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Xylenes	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B

WELL SSM 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/00
 Depth to water: 100.17 ft (30.53 m) below TOC
 Water elevation: Not available
 pH: 3.7
 Sp conductance: 22 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 9:29
 Water temperature: 17°C
 Air temperature: 17.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<23.4	U		8	10.0	µg/L	WA	EPA8260B
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane (Methyl bromide)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane (Methyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<1.17	J	K	O	1.00	µg/L	ML	EPA8260B
2	Dichloromethane (Methylene chloride)	7.75	J	K	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane (Methylene chloride)	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well SSM 12B collected on 04/30/00 (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	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU	K	O	10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
1	Tetrachloroethylene	3.16	J	K	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	18.7	J	K	O	5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	34.7	J	K	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL SSM 12B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/00
 Depth to water: 100.17 ft (30.53 m) below TOC
 Water elevation: Not available
 pH: 3.7
 Sp conductance: 22 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 9:29
 Water temperature: 17°C
 Air temperature: 17.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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

Well SSM 12B R collected on 04/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	21.4	J	K	O	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 SSM 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/00
 Depth to water: 101.81 ft (31.03 m) below TOC
 Water elevation: Not available
 pH: 5.5
 Sp conductance: 23 µS/cm
 Turbidity: 2 NTU

Time: 13:21
 Water temperature: 24.4°C
 Air temperature: 34.6°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	148				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 (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<1.01	U	V		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	21.4				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 SSM 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/00
 Depth to water: 100.17 ft (30.53 m) below TOC
 Water elevation: Not available
 pH: 8.8
 Sp conductance: 120 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:20
 Water temperature: 18.3°C
 Air temperature: 20.2°C
 Total alkalinity (as CaCO₃): 6 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well SSM 12C collected on 04/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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
1	Tetrachloroethylene	3.72	J	K	O	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	5.18	J	K	O	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 SSM 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/00
 Depth to water: 101.81 ft (31.03 m) below TOC
 Water elevation: Not available
 pH: 10.7
 Sp conductance: 322 µS/cm
 Turbidity: 2 NTU

Time: 13:51
 Water temperature: 24°C
 Air temperature: 34°C
 Total alkalinity (as CaCO₃): 84 mg/L
 Phenolphthalein alkalinity: 66 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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
1	Tetrachloroethylene	3.39	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

ESH-EMS-2000406

Well SSM 12C collected on 05/23/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
1	Trichloroethylene	3.71	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

WELL SSM 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/00
 Depth to water: 126.08 ft (38.43 m) below TOC
 Water elevation: Not available
 pH: 4.7
 Sp conductance: 131 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 13:56
 Water temperature: 23.3°C
 Air temperature: 30°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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
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 (Methylene chloride)	<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
0	Tetrachloroethylene	<5.00	U			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	865	J	K	O	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 SSM 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.7
 Sp conductance: 153 µS/cm
 Turbidity: 1 NTU

Time: 10:55
 Water temperature: 19.9°C
 Air temperature: 25.5°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B

D-17

Second Quarter 2000

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well SSM 13B collected on 05/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon disulfide	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<50.0	JU	L	O	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	937	J	L	O	5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	JU	L	O	25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B

WELL SSM 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/00
 Depth to water: 126.08 ft (38.43 m) below TOC
 Water elevation: Not available
 pH: 4.7
 Sp conductance: 81 µS/cm
 Turbidity: 0 NTU
 No water was evacuated from the well prior to sampling.

Time: 14:19
 Water temperature: 23.9°C
 Air temperature: 30.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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	1.55	J	K	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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

Well SSM 13C collected on 04/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	276	J	K	O	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 SSM 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.1
 Sp conductance: 75 µS/cm
 Turbidity: 2 NTU

Time: 11:25
 Water temperature: 21.4°C
 Air temperature: 28.1°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	Benzene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromoform	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloroform	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<20.0	JU	L	O	20.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Styrene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	Toluene	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B
2	Trichloroethylene	458	J	L	O	2.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Xylenes	<2.00	JU	L	O	2.00	µg/L	ML	EPA8260B

WELL SSM 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/00
 Depth to water: 124.41 ft (37.92 m) below TOC
 Water elevation: Not available
 pH: 3.6
 Sp conductance: 80 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 10:33
 Water temperature: 18.8°C
 Air temperature: 17.8°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well SSM 14B collected on 04/29/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromomethane (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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	166	J	K	O	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 SSM 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 3.7
 Sp conductance: 72 µS/cm
 Turbidity: 1 NTU

Time: 10:03
 Water temperature: 21°C
 Air temperature: 24.4°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	6.62	J	I	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Toluene	0.370	J	I	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B

ESH-EMS-2000406

Well SSM 14B collected on 06/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	96.9	J		O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU		O	1.00	µg/L	ML	EPA8260B

WELL SSM 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/00
 Depth to water: 124.41 ft (37.92 m) below TOC
 Water elevation: Not available
 pH: 5.3
 Sp conductance: 57 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 11:07
 Water temperature: 18.2°C
 Air temperature: 19.9°C
 Total alkalinity (as CaCO₃): 64 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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	41.2	J	K	O	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 SSM 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6.2
 Sp conductance: 82 µS/cm
 Turbidity: 1 NTU

Time: 10:57
 Water temperature: 21.7°C
 Air temperature: 28.7°C
 Total alkalinity (as CaCO₃): 19 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Acetone	814		L		10.0	µg/L	WA	EPA8260B
1	Acetone	750				100	µg/L	WA	EPA8260B
0	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B

D-19

Second Quarter 2000

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well SSM 14C collected on 06/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Bromomethane (Methyl bromide)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloromethane (Methyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<4.60	U		8	5.00	µg/L	WA	EPA8260B
0	Dichloromethane (Methylene chloride)	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Styrene	0.280	J	IL	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	16.8	U			5.00	µg/L	WA	EPA8260B
2	Trichloroethylene	51.9	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL SSM 14C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 6.2
 Sp conductance: 82 µS/cm
 Turbidity: 1 NTU

Time: 10:57
 Water temperature: 21.7°C
 Air temperature: 28.7°C
 Total alkalinity (as CaCO₃): 19 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B

Well SSM 14C R collected on 06/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	56.5	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL SSM 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/00
 Depth to water: 124.33 ft (37.9 m) below TOC
 Water elevation: Not available
 pH: 4.3
 Sp conductance: 60 µS/cm
 Turbidity: 6 NTU
 No water was evacuated from the well prior to sampling.

Time: 12:39
 Water temperature: 21°C
 Air temperature: 24.3°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well SSM 15B collected on 04/29/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	0.830	J	IK	O	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 SSM 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/00
 Depth to water: 124.36 ft (37.91 m) below TOC
 Water elevation: Not available
 pH: 4.3
 Sp conductance: 56 µS/cm
 Turbidity: 7 NTU

Time: 11:46
 Water temperature: 25.7°C
 Air temperature: 35.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	OX	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	OX	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<1.18	JU	LV	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	0.290	J	IL	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	JU	L	OX	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL SSM 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/00
 Depth to water: 124.33 ft (37.9 m) below TOC
 Water elevation: Not available
 pH: 4.4
 Sp conductance: 74 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 13:10
 Water temperature: 20.7°C
 Air temperature: 26.8°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

Well SSM 15C collected on 04/29/00 (cont.)

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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	237	J	K	O	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 SSM 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/00
 Depth to water: 124.36 ft (37.91 m) below TOC
 Water elevation: Not available
 pH: 3.8
 Sp conductance: 74 µS/cm
 Turbidity: 1 NTU

Time: 13:31
 Water temperature: 25.4°C
 Air temperature: 36.3°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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	JU		X	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 (Methyl bromide)	<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	JU		X	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 (Methyl chloride)	<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 (Methylene chloride)	<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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well SSM 15C collected on 05/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	204	J		X	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 SSM 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/00
 Depth to water: 107.03 ft (32.62 m) below TOC
 Water elevation: Not available
 pH: 5
 Sp conductance: 67 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 14:47
 Water temperature: 22.7°C
 Air temperature: 26.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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
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 (Methylene chloride)	<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	30.0	J	K	O	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	1,140	J	K	O	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 SSM 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
 Depth to water: 107.26 ft (32.69 m) below TOC
 Water elevation: Not available
 pH: 4.9
 Sp conductance: 70 µS/cm
 Turbidity: 1 NTU

Time: 9:14
 Water temperature: 22.3°C
 Air temperature: 27.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

Well SSM 16B collected on 05/25/00 (cont.)

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	315	J		O	50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	JU		OX	5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	JU		O	25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU		OX	5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<20.1	JU		V	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	JU		O	25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	JU		O	25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	JU		O	25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	19.2	J		O	5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	1,910	J		OX	5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	JU		O	25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU		O	5.00	µg/L	ML	EPA8260B

WELL SSM 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/00
 Depth to water: 107.03 ft (32.62 m) below TOC
 Water elevation: Not available
 pH: 4.9
 Sp conductance: 58 µS/cm
 Turbidity: 0 NTU
 No water was evacuated from the well prior to sampling.

Time: 15:07
 Water temperature: 22.1°C
 Air temperature: 25.5°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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
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 (Methylene chloride)	<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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well SSM 16C collected on 04/29/00 (cont.)

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	16.9	J	K	O	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	673	J	K	O	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 SSM 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/25/00
 Depth to water: 107.26 ft (32.69 m) below TOC
 Water elevation: Not available
 pH: 4.3
 Sp conductance: 59 µS/cm
 Turbidity: 1 NTU

Time: 9:54
 Water temperature: 22.9°C
 Air temperature: 29.4°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	56.2	J		O	50.0	µg/L	ML	EPA8260B
0	Benzene	<5.00	JU		OX	5.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Bromoform	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<25.0	JU		O	25.0	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<5.00	JU		OX	5.00	µg/L	ML	EPA8260B
0	Chloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Chloroform	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<19.3	JU	V	O	50.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	2-Hexanone	<25.0	JU		O	25.0	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<25.0	JU		O	25.0	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<25.0	JU		O	25.0	µg/L	ML	EPA8260B
0	Styrene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Toluene	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
2	Trichloroethylene	541	J		OX	5.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<25.0	JU		O	25.0	µg/L	ML	EPA8260B
0	Xylenes	<5.00	JU		O	5.00	µg/L	ML	EPA8260B

WELL SSM 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 95.68 ft (29.16 m) below TOC
 Water elevation: Not available
 pH: 5.1
 Sp conductance: 24 µS/cm
 Turbidity: 1 NTU
 No water was evacuated from the well prior to sampling.

Time: 11:07
 Water temperature: 19.1°C
 Air temperature: 19.9°C
 Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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

Well SSM 17B collected on 04/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<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 (Methyl chloride)	<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	2.01	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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
2	Tetrachloroethylene	5.79	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	55.1	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

WELL SSM 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
 Depth to water: 95.32 ft (29.05 m) below TOC
 Water elevation: Not available
 pH: 4.8
 Sp conductance: 22 µS/cm
 Turbidity: 2 NTU

Time: 13:20
 Water temperature: 24.3°C
 Air temperature: 0°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	50.0	J	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	EPA8260B	<	10.0	JU	L	O	10.0	µg/L ML
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	1.75	J	L	O	1.00	µg/L	ML	EPA8260B

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well SSM 17B collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	31.5	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL SSM 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/00
 Depth to water: 95.68 ft (29.16 m) below TOC
 Water elevation: Not available
 pH: 5.2
 Sp conductance: 61 µS/cm
 Turbidity: 3 NTU
 No water was evacuated from the well prior to sampling.

Time: 11:50
 Water temperature: 18.9°C
 Air temperature: 19.7°C
 Total alkalinity (as CaCO₃): 10 mg/L
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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	10.2	J	K	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<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
2	Tetrachloroethylene	19.7	J	K	O	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	0.490	J	IK	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	273	J	K	O	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 SSM 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/00
 Depth to water: Not available
 Water elevation: Not available
 pH: 4.7
 Sp conductance: 60 µS/cm
 Turbidity: 2 NTU

Time: 13:48
 Water temperature: 25.1°C
 Air temperature: 0°C
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: 0 mg/L

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	14.3	J	L	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

Well SSM 17C collected on 05/30/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane (Methyl bromide)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane (Methyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane (Methylene chloride)	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Tetrachloroethylene	12.6	J	L	O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
2	Trichloroethylene	234	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL TRP136B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/00
 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: .
 Water temperature: Not available
 Air temperature: Not available
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

LABORATORY 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 (Methyl bromide)	<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 (Methyl chloride)	<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 (Methylene chloride)	<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

ANALYTICAL AND SAMPLING BLANKS RESULTS FOR VERIFICATION PROJECTS

Well TRP136B collected on 05/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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

WELL TRP141B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/02/00
 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: .
 Water temperature: Not available
 Air temperature: Not available
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<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 (Methyl bromide)	<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	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane (Methyl chloride)	<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	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Dichloromethane (Methylene chloride)	5.61			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	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	Styrene	<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	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP234B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/20/00
 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: .
 Water temperature: Not available
 Air temperature: Not available
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

Well TRP234B collected on 06/20/00 (cont.)

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Methyl tert-butyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP235B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/21/00
 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: .
 Water temperature: Not available
 Air temperature: Not available
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<0.531	U	V		1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Methyl tert-butyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP246B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/26/00
 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: .
 Water temperature: Not available
 Air temperature: Not available
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

LABORATORY ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Methyl tert-butyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Naphthalene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B